



**MOSAICO**  
*Estudos em Psicologia*

DePsi  
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## Sx'íÀÉ'ú²

Msf sf Fwxyrsf ij Vtzxf Ej vyt qit j Pfwyrsx

fr p j uqagh vdwid r t xh ds uhvqvd p r vd hgl r gh 2024 gd Mr vdlfr : Ewgr vhp Pvlfr σ j ld, xp d uhlwvfr p s u p hvgdfr p r ds ur ixqgd p hqwr gh thidh| hvvñ uf dv h s u vlf dv qr fdp s r gd Pvlfr σ j ld. Nhvw hgl r , der ugdp r v xp d glyhuvgdgh gh vñp dv uhdydvñv t xh wdvqs dwdp d s vlf dq dvñ, dv fl qf ldv vr f ldv, d vd gh p hqv d dvt xhwhvghj qhur h dhgxf d r , hp xp hvir ur fr qwqxr s dud fr p s uhqghuh lqvñuyluqr v ghvdilr vfr qvñp s ru qhr vt xh p dufdp r fhq ur vr fldoh df dg p lfr .

A vñ r gh **SÉÍÓxÀÈhy É'wÀÈSÁÉu"ÁÈ** deuh duhlwvfr p dvlj r vt xh gldσ j dp fr p t xhwh hvfuxfldlv s dud s vlf dq dvñ h vx dv lqvñuñf hvfr p r xwv vfdp s r vgr vdehu O dvlj r Óv(dv) αw v(dv) hp dM8 à Qxdqgr d p r uñ vr fr uñ dylgd' : *Aulfxæl hv hqvñ s vlf dq dvñ h ud d s r up hlr gd ilf r î ds uhvqvd xp d dq dvñ gdv thæl hv hqvñ p r uñ, αw h ud d, xvd" dqgr d ilf r flqhp dvj u ilfd fr p r thqvñ s dud xp d fr p s uhqv r s ur ixqgd gr v s ur fhwr v s vt xlv r v. J ÓMhvds vlf r σ j ld h Es lvñp r σ j ld: uhghilqlqgr iur qvñludv qd s vlf dq dvñ iuhxgldqd* uhlwvfr qf hlwr v ixqgd p hqvñlvd s vlf dq dvñ iuhxgldqd, s ur s r qgr xp d thidh| r fu vlf d vr euh r v dp lvñv h s r wleldgdghv ghvvd der ugdp hp qr fr qvñ| w dvxdo Oxwv dvlj r v, fr p r Ó(Rh)Phqv d qgr Av Md v x d q l g d g h v N h j u d v: R h i d h| hv A P d u l u D h B h æ H r r n ñ h Ó S x e r h v l y l g d g h v p d i j l q d d " d g d v: A l q y l v l e l d g d g h g d p x d h u h q f d f h u d g d q r B u d M ò, deuhp hvs d r s dud glvfxw hv vr euh lghqvlgdghv h dv glq p lf dv gh s r ghut xh dvdyhw d p d h l s h u l q f l d g d p x d h u q h j u d, h vr euh r v ghvdilr v hqihqv d g r v s h æ v p x d h u v q r v l vñp d s h q l vñ q f l u r .

A vñ r gh **f y²uíÀ xy SáÁyÉ' Áwú wd"** fr qwlexl hv s u vlf dv h ylyhqf ldlv t xh h l s σ u d p d u h d d g d g h fr vlgldqd gr v s ur ilwlr qdlv gd vd gh p hqvñoh gd hgxf d r . ÓT fqlf dv Gux s dlv Ep Sd gh Mhqv d o Aulfxæl r C u l d i y d E / s d q v r D d E / s u h w r î h l d p l q d d v d e r u g d j h q v j u x s d l v f r p r i h u d p h q v d vñ u d s x v l f d . O d v l j r Ó P u g l w u h v D d l q vñ u d r T u d e d d r - F d p d d N r C r q vñ | w D d P d q g h p l d C r y l g - 1 9 r i h u f h x p d t h i d h | r v r e u h r l p s d f w g d v p x g d q d v q r p x q g r g r v a d e d d r , i r f d q g r q d v t h æ l h v i d p l d d u h v h d v q r y d v g l q p l f d v g h fr qyly qf ld q r s h u r g r s d q g p l f r . T d p e p v r ds uhvqvdgr v thælv v gh h l s h u l q f l d v y d d r v d v vr euh r s ur fhwr gh dxwqr p ld gh vxv ur v gh CAPS h d lp s r uwqf ld gr dxwfxlgdgr gh s ur ilwlr qdlv t xh dvñqghp p x d h u h v y vñp dv gh ylr o qf ld .

A vñ r gh **f y²uíÀ xy dyÊÇÓÉu** ds uhvqvd lqyhwlj d hv hp s uf dv vr euh t xhwh hv t xh hqyr yhp vd gh p hqv d o d s r l r vr fldoh dv w d q v i r u p d hv f d x v d g d s h æ l s d q g h p l d . O d v l j r Ó D h s u h w r , A q v l h g d g h E E wñ h w h: D l i h u h q d v E q vñ S h / r v E p U p d A p r w u d N r R l r G u d q g h D r S x ò l q y h w l j d d v g l i h u h q d v g h j q h u r h p t h æ l r d r v l q w p d v s v l f r o j l f r v p d l v s t h y d d h q vñ . J Ó P d q g h p l d g d C O V I D - 1 9 , u v x d l v g h g h v s h g l g d h d v x d r g r v / d v s v l f σ j r v / d v m q v r d r v / v h q α v d g r v / d ñ d q d d v d d v s u v l f d v s v l f r o j l f d v g l d q vñ g r α w h l d f h u e d g r s h æ l s h u g d g h h q vñv t x h u l g r v g x u d q vñ d s d q g h p l d , fr qwlexl qgr s dud r hqvñqglp hqwr gd fr p s dñ lgdgh gr αw hp vñp s r v g h f u l v h .

Av **f yÖÊ yÊxy \_'íyÉuíÓÉu** ghwd hgl r v r gh j uqagh thdy qf lds dud r v s ur ilwlr qdlv t xh dxw dp qdv uhdv gh Pvlfr σ j ld h Sd gh Mhqv d o Ó A x w f x l g d g r g r v s u r i l w l r q d l v h p vñ y l r v g h d vñ q g l p h q w d p x d h u h v

y vlp dv gh y lro qfld: Rhylv r gh hvfr srî, Óqvhuyhq hv Pvlfdqdvlf dv Ep Evfr ælv P edf dv: Mhwgr ø j ldv Dh Evfxvð Nr Cr dhvyr î h ÓA vxs hylv r s vlf dqdvlf d d s dvlugdr ulhqvð r ælf dqldqd: xp d uhylv r gh dhvudvð vð"hp xp rðdu fxlgdgr vr vreh d su vlf d su ilwlr qdo h dv glihuqvhv der ugdj hqv s vlf dqdvlf dv, uhv hf vlydp hqvð. Ewðv uhylv hvfr qvðexhp s dðr ds up r uðp hqv gdir up d r fr qvqx dh gr h| huf flr vlr qd uhdgd Pvlfr ø j ld.

Pr uilp , d vñ r Cr p hqwlv r Cvvlfr v ds uhvqvð xp d dq dhv s ur ixqgd vr eh dv glihuqvhv vðgx hv gd s dðyud ÓAqj vñ gh Fuhxg, vð" hqgr w qd glvfxw hv vr eh dv lp s d f d hv klwv ufdv h vñ ufdv ghvñ fr qf hlvr. O vñ| w ÓAqvthgdgh r x daj vld? Cr qvñ| w klwv ufr h ghp duf d hv vñu lv udlv' qd ir up d hp vñ vðgx "lud Aqj vñgh Fuhxgî xp dr sr uxqlgdgh s dðv uhylv lvður fr qf hlvr s vlf dqdvlf r h hqvñqghuvx dv p xlvðv idf hvðv.

Ewð hgl r , uhs dhvð gh dvlj r v lqrydgr uhv h uhið| lyr v, xp fr qylvñ lqv vs hf r h dr ghedvñ, ixqgdv hqvðlv s dðr dydq r gd Pvlfr ø j ld hqt xdqw fl qfld h su vlf d vr fldo Evs hvdv r vt xh r v dhlv uhv vñ vlvqvð ghvdildgr v d uhiðv lvvr eh r vñp dv der ugdgr v h t xh dv fr qvðexl hv dt xl s xedf dgdv vñrðp ir qvñv gh lqvs lud r s dðv qv yr v hwxgr v, s hvt xlvðv h lqvñuyhq hv qdv p dlv glyhvðv uhdv gh d v d r gd Pvlfr ø j ld.

Aj uðghf hp r v d w gr vr vfr æler uðgr uhv, uhylv uhv h dhlv uhv s hælfr qildq dghs r vlvðgd qd uhylvð h qv v vñ| w v ds uhvqvðgr v. Cr qvðx dp r v ilup hv qd p lv r gh s ur p r y huxp hvs d r s æuðv vlr h fr p s ur p hvgr fr p r dydq r gr fr qkhflp hqv flhqvlf r h fr p d vðqv r up d r vr fldo

Br d dhvðvð!

Jdqd qd Cvlvðgd gh Sr xvd Bhvð øgr h Mdvlqv.

**Sx'íÀÈu5w-yzy4a ÀÈu'wÀHSEÍÓxÀÈy<sup>3</sup> dÈ'wÀ<sup>2</sup>À''u**

# **c g/Og1\_i hc g/Og1Sa a F e i Ob Rc Oa c f hS gc Qc f f S O j W O H** **Of hWj \_O Sg Sbhf S dgWOb \_W S S f O O dc f a SW ROTW c**

GRIEFING AND FIGHTING IN “M8 – WHEN DEATH RESCUES LIFE”: ARTICULATIONS BETWEEN PSYCHOANALYSIS AND RACE THROUGH FICTION

**Uúvy²u j uvuÉÀ**

**f yÉÓ³ À**

O s uhvqhvn dvlj r glvf xvh r xvr gr ilq h "M8 à Qxdqgr d p r uñ v r fr uñ d ylgd" fr p r xp glvs dudgr us dud thidñ| hv vr eñ dv fr qwx hv vñ uf dv gd s vfdq ðvh hp thæ r ud d. O hwægr exvf d d qdðvdud reud fr p r s ur gxw fxæxudot xh, dr uhvðvlu vñd hv ilfflr qdlv, s ru p dq ø j dv dr fr vlgldqr eudvðlur, hwlp xæ glvf xw hv vr eñ r udf lvp r qr s dv. O ilq h xvlð" d r v fdp s r vgr dihv h gd daj xdj hp s dud ghqxqflduxp d uhdðgdgh vr fldot xh s ur gx" vr iup hqw vr flr s r ovlf r hqt xdqw qhj d vxd s u s ud s ur gx r. A dq ðvh edvhgdg d hp t xdv r fdvñj r u dv f h qv dgdvhp gliihqhvñvñr d" d hv s vfdq d o v f dv h r x vr flr o j lf dv thæ flr qdgdv ud d h dr udf lvp r : r lghdogr hj r, r udf lvp r eudvðlud, d uhvwwqfld h d qhfur s r ovlf d. Cr qvlgñvñt xh d reud hqfhqd grlv vlsrv gh æw, xp thæ flr qdgr d p r uñ v r fr qf uhvñv fdxvdgdv s ru xp d s r ovlf d gh p r uñ h r xw r dv r fldgr dr æw gh xp ø j du vr fldoghr s uhv r.

**du²uÖÉuÉSw-uÖy:** Pvlfdq ðvh; Rd d; Flf r.

**OvÉÉuñf**

Tkh dulf ðñ glvf xwhv vñk xvh ri vñk ilq "M8 à Wkhq ghdk uhvf xhv diñ" dv d vñj j hu ir u thidñvñr qv r q vñk vñhr uhv f do fr qwx f vñr qv ri s v f kr d qdð vlv der xwdf h. Tkh vñg' vñhvñv d qdð "h vñlv z r un ri duv d v f xæxudot s ur gxfw vñdve' s r uñd lqj ilf vñr qd o exwdq d ø j r xv vñx dv r qv w Bud" lddq gdló diñ, vñp xævñv glvf xvlr qv der xwdf lvp lq vñk fr xqvñ. Tkh ilq xvhv vñk ilhçv r i diihfwdqg æqj xdj h w ghqr xqfh d vr fldo uhdðv vñd vñp xævñv r xvd s ur gx fhv vr flr s r ovlf do vñi i h u d j dqg ghqlhv lw s ur gx f vñr q. Tkh d qdð vlv lv edvhg r q ir xu fdvñj r uhv f h qvñuhg r q gliihqws v f kr d qdð vñf dqg/ru vr flr ø j lf do vñk hr uhv f do fr qwx f vñr qv thævñg w udf h dqg udf lvp : vñk hj r lghdø Bud" lddq-vñd udf lvp, uhvwdqfh, dqg qhfur s r ovlf v. Tkh z r un dgguhvñv vñr vñhv r i p r x u l q j , r qh thævñg w fr qf uhvñ ghdkv, dqg vñk r vñk hu thævñg w vñk vr fldos æf h r i r s s uhvñr q.

**ZyâÚÀÉxÉP** v f kr d qdð vlv; Rdf h; Flf vñr q.

J vñi zfsi f jr Sxñt q l ñi sf  
Xsñj vññ f i j l j i j vñq i t Uñ  
J vñs i j i t V z q ð X I U V, F t s y f t =  
g j d j f h f w C l r f r o t r

**r M fKj w l j s j x**  
Vrvzj vñ

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q y t x f x, j r Æ ; Ö T z f s i t f r t v j  
x t h t v j f | ñ f ç - D y n h z d j x j s y j  
u x h f s q j j vñ f u t w j r i f  
kñ t 1 P t x f rñt = k y z i t x j r  
Sxñt q l ñi / 45 - 4, / 8046



**WÍÉxÓ À**

Dhvgh Fuhxg, vdeh-vh t xh d s v f d q ðv h q r ðs h q d v x p d v h u d s x v f d g r v x r h l w , d g d q g r v ð p e p f r p d u h æ r g h w h f r p r p x q g r , f r p d v h q v r h q w h l q g l y g x r h v r f l h g d g h (Rr v d h w d o , 2017). N h w h v h q v l g r , f d e h v ð p e p s d u d d s v f d q ðv h r h w x g r g d v v l x d h v h p t x h r v r i l p h q w s v t x l f r s u r g x " l g r s h æ s r v l r v r f l r s r o v f d g r v x r h l w (Rr v d , 2022; T r u r w l d q , 2018), f r p r r f d v r g r u d f l v p r .

P r u v h f d u d f v h u l " d u f r p r s u r f h w r v r f l d o r u d f l v p r d s d u h f h h p s u r g x w v g d f x o x u d , f r p r s u r s d j d q g d v , v h | w v ð v h u u r v h s u r g x h v f l q h p d w j u i l f d v . D h w d p d q h l u d , d d q ðv h g h w h v s u r g x w v v h d s u h v h q v l f r p r y l d s d u d x p d u h i d | r v r e u h d i r u p d f r p r r v r i l p h q w v r f l r s r o v f r h w v h q g r h | s r w w h g h e d v l g r q d f r q v h p s r u d q h l g d g h .

O i l q h Ó M 8 à Q x d q g r d p r u h v r f r u h d y l g d i , g l u j l g r s r u j h i h w r q D h h e d v h d g r q r d y r k r p q l p r g h S d o p r P r æ n l h z l f " , x p g h w h v s u r g x w v . A r e u d , g d v æ d g d g r d q r g h 2020, u h w æ d d v æ r h w u d g r s h w r q d j h p s u d q f l s d o M d x u f l r , q d v s u p h l u d v d x æ v g r f x u r g h j u d g x d r h p p h g l f l q d h p x p d x q l y h u l g d g h i h g h u d o A r o q j r g d q d u d v l y d , r h w x g d q v h s d w d d v h u s h u h j x l g r s r u M 8 , h s v h w g d g r d r f r u s r x v l d " d g r f r p r l q w x p h q w g h s h v t x l v d q d v d x æ v g h d q d w p l d . T u d v l - v h g h x p d i l f r t x h , q r h q v æ q w , f r o f d h p t x h w r h d p h q w v g r f r v l g l d q r g r q h j u r q r B u d v l o

**a y l Á x Á ² Á " " u**

O s u h v h q v h h w x g r x v l d " d x p d s u r g x r f l q h p d w j u i l f d i l f f l r q d o h q t x d q w g l v s d u d g r u d g h u h i d | h v v r e u h f r q w x h v h u f d v g d s v f d q ðv h q r t x h g l " u h v s h l w d r p d u f d g r u v r f l d o u d . D h d f r u g r f r p H h u p d q q (2006), s d u d d s v f d q ðv h , Ó l f f l r q d o q r v l j q l i l f d i d o r , q h p p h v p r f l h q v i l f d p h q v h p h q r u p d v l q v h u g r q x p v l s r g h y h u g d g h s h f x o d u d v h u d v x u d , t x h h p j h u d o p d l v d s u r s u d g d s d u d d f r p s u h q v r g r k r p h p t x h d s u s u d f l q f l d u j x æ l ú ( s . 63). N h w h v h q v l g r , e x v f d - v h d q d d v d u d r e u d h p t x h w r h q t x d q w x p s u r g x w g d f x o x u d t x h , d r u h w æ d v l v x d h v i l f f l r q d l v , s r u p d q o j d v d r f r v l g l d q r e u d v h l u r , f r o f d h p p r y l p h q w g l v f x w h v r e u h r u d f l v p r q r s d v .

A r e u d Ó M 8 à Q x d q g r d p r u h v r f r u h d y l g d i x v l d " d r f d p s r g r v d i h w v à f r u h v , v r q r u d g d h v , h q t x d g u d p h q w v à h r g d d a j x d j h p à i d æ v , v p e r o v , r d æ h v à s d u d g h q x q f l d u x p d u h d g d g h v r f l d o t x h , v l p x o æ q h d p h q v h , s u r g x " v r i l p h q w v r f l r s r o v f r h q h j d h w d s u r g x r . E w d i r u p d g h g h q q f l d d x p d y h u g d g h y h æ d g , t x d q g r f r q w æ d g h r x w d i r u p d t x h q r s r u x p v h | w h v f u w , p d v d w æ v g h l p d j h q v h v h q v d h v , s r g h v h u p h æ r u d w l p l æ g d h g l v f x v l g d h p v h x v g h v æ d h v .

P d u d d d q ðv h , r i l q h i r l g l y l g l g r h p t x d w r f d v h j r u d v f h q v æ d g d v h p g l i h u h q v h v v h r u l " d h v s v f d q d o v f d v h p d u l f x æ l r f r p d u d d h r u d f l v p r : r l g h d o g r h x , r u d f l v p r e u d v h l u d , d u h v w q f l d h d q h f u r s r o v f d . P u h v h q g h - v h , d s d u l u g r i l q h , u h i d v l u v r e u h r v p h f d q l v p r v s v t x l f r v h q y r o l g r v q h w h s u r f h w r g h s u r g x r g h v r i l p h q w t x h d i h w d d s r s x æ l r q h j u d h , f r q v h t x h q v h p h q v h , v r e u h r s d s h o g d s v f d q ðv h i u h q v h d h d n .

**c Wyu² xÀ SÓy À by" ÉÀ y³ OÉw yÁÉ À gÀw u² ÁÀ PÉuÉ²**

S h q g r r l g h d o g r h x d l q w w q f l d s v t x l f d h p t x h v h s u r h w æ x p d l p d j h p l g h d d " d g d g h f r p s d w x g h h s h u h l r v r e u h d t x d o r S x s h u j r d v x d , r e v h y d q g r r E x d v x d o l q l q v h u x s v æ p h q v h h f r p s d u d q g r - r f r p h w h

lghdo(Fuhxg, 1914/2010), y -vht xh r qhj ur s r uhvøulp hwr hp xp dvr flhgðgh hp t xh r lghdod vhudvølj lgr eudqfr, h vhaqr -ðk lp s r wyhovhueudqfr, hqihqvøxp vr iup hqw lqvøqr gløf hudqvø dgylqgr gd glwvøfld hqvø r lghdoh r s r wyho(Sr x“d, 1983). Ewd daj wld ylv yhoqd h| s hū qfld gh Mdxufir fr qir up h s dwd d iuht xhqvøuhvs d r v, p dnuvøuldp hqvø, eudqfr v.

O lghdogr hx eudqfr hww s r wø hp glyhur v hdp hqw v ghwhv hvs d r v, gr lq flr dr ilqdogr ilø h, gh p dqlud vøqw è fr p dh| fh r gh Mdxufir è v r eudqfr v. Ewd p dnuvødgðgh v h| s uhv d w gr p r p hqw gh p r gr d p r wøud Mdxufir t xdlv r r v øj dhv s uhgr p lqdqvøp hqvø ghvøqdgr v d s hwr dv qhj vdv qhwhv hvs d r v.

Shj xqgr Sr x“d (1983), r qhj ur t xh exv d d dv hqv r v r fldo è fr p r Mdxufir è hqihqvø xp fr qmøqw gh uhs uhvqvø hv h lp dj r v idqvøp v f dv t xh r ghilqhp hqt xdqw lqihur d“dgr, ghvs r vx gr gh ydø uhv h x p dqlgdgh. Nhwh fr qvø| w, v h r p hkr uhp dō xp dixq r q r ðk hj d dqvø t xh v h r d u h f r qk h f l g r, t xh d v l q r l g h d o g r h x, x p d y h“ t x h m i r l s u -g h i l q l g r. N d v s d ø y v d g h F d q r q (1952/2008), Q r i r l h x t x h p f u r x x p v h q v l g r s d d p l p, h v h v h q v l g r m h w ø y d o, s u -h| l w h q v h, h v s h u d q g r -p h i (s. 121). Mdxufir xp d ø q r g h g h w ø t x h h p v x d w ø p d, v u d q g r q r v ø v e r d v h h| h f x v ø q g r v ø h i d v f r p s u h f l v r. N r h q v ø q w, v r i u h y l r o q f l d i u h t x h q v ø p h q v h s r u x p f r d j d e u d q f r, h v s h f l d ø p h q v h q h w h v p r p h q w v g h | l w. A r s l q l r g h w h f r d j d v r e u h M d x u f i r q x q f d d ø h u d g d, d g h v s h l w g h v x d v f r q t x l w ø v.

Phufheh-vh, hqwr, d i r u d g r d s d j d p h q w g r q h j u r, d t x d o r f r q g h q d, s r u p h l r g h x p d o j l f d g l v f x w y d k h j h p q l f d, d x p ø j d u v r f l d o h v s h f i l f r f d u f v h u d“d g r s h ø l q i h u r u g d g h. P d u d R r v d h w d o (2019), h w h v p r p h q w v g h l q y l v e l d“d r v h d ø h u q d p f r p v l x d h v g h v x s h u h| s r v l r, g h p r q w ø d q g r g x d v i d f h v g r p h v p r v l w h p d è r u d f l v p r. A v d x w u d v s r q w ø d p t x h r q h j u r v l p x ø v q h d p h q v h d s d j d g r q r t x h v h u h i h u h l q v h d f v ø d d g d g h h d f d s d f l g d g h, d v l p f r p r è v ø q w s h ø v h x f r d j d t x d q w s h ø p h g h v x d d p l j d S x“d q d, t x h r f r q v l g h u d l q g l j q r g h f x w d u p h g l f l q d è, v x s h u h| s r w ø g h p d q h l u d q h j d v y d d r i u h t x h q v ø u h v s d r v g h h ø v h.

Up h| h p s ø d f h q d h p t x h, d r v l u g d i h w ø g h x p d p l j r g d i d f x ø g d g h, v r i u h y l r o q f l d s r d f l d o v l p s d h v p h q v h s r u h w ø u h p x p e d l u r q r e u h q r l v h. N h w h h s l v g l r, x p g r v s r d f l d v, x p k r p h p q h j u r, d s r q v ø s d u d d s u s u d s h ø h q t x d q w g l“d M d x u f i r: Q“g d q g r p r d h u d s d“? A h w d k r u d g d q r l v h h p e d l u r g h s ø l' e r' ? i. N h w d i d ø l, q r v ø v h r t x d q w r u d f l v p r d v l q j h r q h j u r h p v x d f r u s r u h l g d g h. q h w h v h q v l g r t x h F d q r q (1952/2008) d i l u p d t x h, h q t x d q w r x w ø v j u x s r v k r w l d“d g r v, f r p r r v ø g h x v, s r g h p s d w d u g h v s h u f h e l g r v h p x p s u l p h l u p r p h q w, d r v q h j u r v q r r i h u h f l g d q h q k x p d f k d q f h: S r x v r e u h g h v h u p l q d g r s h ø h| v h u r u N r v r x h v f u d y r g d l g h l d t x h r v r x w ø v i d“h p g h p l p, p d v g d p l q k d d s d u r i (s. 108).

## c f u w E Æ À P É U E ² y' É U

Ep dō xqv iudj p hqw vgr ilø h, r evh ydp -v h s hwr dv qhj vdv u s u r g x“l qgr fr p s r u ø p h q w v u d f l w ø v g l d q v h g h M d x u f i r. U p h| h p s ø d f h q d h p t x h S x“d q d r d y d d r f r q g r p q l r h p t x h h ø p r u d h r s r u h l u r, x p k r p h p q h j u r, v h q v h -v h u h f r v r h p g h l| -ø h q v ø u q d u h v l g q f l d, s h j x q v ø q g r p d l v g h x p d y h“d S x“d q d v h h w v ø g r e h p, h q t x d q w r d k d s d u d M d x u f i r. E w h f r p s r u ø p h q w v h p u h ø l r f r p d l q i ø q f l d g d v u h s u h v h q v ø l h v f x ø u d l v r e u h d v x e r h v y l g d g h, s r q w ø d g d s r u F d q r q (1952/2008). P d u d r d x w u r u d f l v p r v h

p r wud qd daj xdj hp , qdvsxedf lgdghv, q r vilq hv, qdvfdq hv gh qlqdu gh ir up d t x h r fr qv d w fr p h w d v q d u d w y d v i d " fr p t x h Ō myhp qhj ur dgr vñ vxerñw ydp hq vñ xp d d w x g h g h e u d q f r î (Fdqr q, 1952/2008, s. 132).

L d d Gr q "dñ" (1984) hqirfd vxd shv xlvd q r qd ghp r q w u d r ghwd lghqwlfd r gr gr p lq dgr fr p r gr p lq dgr up dvqd fr p s u h q v r gr s r u t x ghwd lghqwlfd r , y r o d q g r v x d v d q d v h v s d u d r p l w g d g h p r f u d f l d u f l d o S h j x q g r d d x w u d , d l g h l d g h t x h q r h l l w h u d f l v p r q r B u d M o x p d y h " t x h v r p r v x p s d v p l v l j h q d g r h Ō h p u d d i , i d " s d u h g h x p p h f d q l v p r g h q h j d r h p t x h v h s u r f x u d p d v f d u d r u d f l v p r . N d v s d o y u d v g h G r q " d ñ " (1984), Ō q h x u v f r fr q w u l p r g r v g h r f x o d p h q w gr v l q w p d s r u t x h l w r d k h u d " f h u r v e h q h i f l r v . E w d fr q w u x r r d e h u d g d d a j w l d g h v h g h i u r q v u f r p r u h f d d p h q w i (s. 232). S h q g r d w l p , d d x w u d s r w x d t x h r u d f l v p r x p v l q w p d g d q h x u r v h f x o x u d o e u d v d h l u d t x h , q r q r w r s d v , v h p d q l i h w d g h i r u p d g l i d u d g d . P r u v h u v x l o p d l v g l i f l o g h q x q f l - ō , fr p e d w - ō .

Oevhuyd-vh lwr q r i l o h h p g l y h u r v p r p h q w v , fr p r q d f h q d h p t x h M d x u f l r fr q y h u d fr p C d u r u d , p x d k u e u d q f d h p h g h v x d d p l j d g h i d f x o d g h . A s h u r q d j h p p r w u d - v h y l v y h o p h q v h g h v r q i r u y h o h p u h f h e - ō h p v x d f d v d . A r fr q y h u d u f r p h o h , u i r u d r k l w u f r g h v x d i d p d d q d p h g l f l q d h r h v i r u r h p u l w g h v x d i l d k d h p v h u s d w d g r q r f x u r , l q l q x d q g r è g h p r g r l p s o f l w è t x h M d x u f l r q r p h u f l d r p h v p r s u h w j l r , u h p h v h q g r v f r v d u d f l d v . N r h q v d q w , h a d q r u d " d e h u d p h q v h v h x v d j x p h q w v , g h p r g r t x h M d x u f l r r e u j d g r d v h p d q v h u h g x f d g r , d s h v d u g h v h u v l g r g h v h v s h l v d g r . N h w h v h q v l g r , w u d - v h d l q g d p d l v h y l g h q v h d l g h l d g h G r q " d ñ " g h t x h h w h v l s r s d u l f x o d u g h u d f l v p r è r g l i d u d g r è v h u d p d l r u h i l f f l d h q t x d q w l q w x p h q w g h d o h q d r g r t x h r u d f l v p r d e h u r (Odyhlud, 2020).

### dÀÉÓ<sup>3</sup> u b Æ Ō ū Sá'Éí Áwū

N r v w s l f r v d q v h u r u h v , i r f r x - v h q d v d q d v h v g d v x e d o h u a l " d r g r q h j u r q d y l r o q f l d d t x h h o h v x e p h v l g r . N r h q v d q w , d u s u h v h q v d r g d q h j u v x g h v r p h q v h d s d u l u g r v d i h v r v g d v d w h " d , g d l p s r w q f l d h g r u h w h q v l p h q w fr q g l f l r q d r q h j u r d x p h w d g r g h g d q d r h l l w h q f l d o q r t x d o h o n q x q f d s r g h u d v a j l u d fr p s d w x g h h p u h a d r d v x d h l l w q f l d (C r h o k r , 2016). N h w h v h q v l g r , l p s r u d q v h u h w d o u t x h M d x u f l r q r s d w l y r g l d q v h g d v r s u h w h v t x h v r i h .

L r j r q r l q f l r g r i l o h , v h x v f r d j d v d k h g r x p d f d u r q d h s h g h p s d u d h o h f r o f d u x p d p v l f d s d u d w f d u g x u d q v h d y l d j h p . E d h v f r d k h d f r p s r v l r Ō ū p h B u e d u r î , g r u d s s h u R l q f r q S d s l q f l d (2017), h p t x h w h f k r v f r p r Ō ū d s h o h h x d y r d p d u f d g d w u x u d i h Ō ū v f u d y r v d s r l d p h x g h v h p s h q k r , i x l h x t x h p d v h l r v h q k r u g r h a j h q k r î q r v r p h q v h g h q x q f l d p r s d v d g r h v f u d y r f u d v e u d v d h u r h v h x v u h t x f l r v è h o h p h q w v t x h r p l w g d g h p r f u d f l d u f l d o v h q v d s d j d u è fr p r v d p e p g h w e l f d p d u h l w q f l d h o v d g d v s h v r d v q h j u d v i h q v h h v f u d y l g r . D h w d i r u p d , s r g h - v h f r q w e l u t x h M d x u f l r , d r fr q v x p l u h w h v l s r g h d u h , y d l fr q w e l p r g r t x h d v r f l h g d g h l p s h f r p r l g h d o g r h x , g h p r g r t x h v h f r q f u h w " d x p g h v h m g h F d q r q h p Ō p h o h q h j u d , p v f d u d v e u d q f d i (1952/2008): Ō ū d u s h u l g l f r v l o x w d g r v g h w l q d g r v h v s h f l d o p h q v h d r v q h j u r v , f d q h v s d u d f u d q d v q h j u d v , d w p h v p r d y r v g h k l w u d i (s. 132).

A s r w l e l o d g d g h g h u h l w q f l d h h p s r g h u d p h q w v d p e p v h d s u h v h q v d h p Ō ū r u d u v h q h j u r î , g h N h x v d S d q w v S r x " d (1983). D h d f r u g r fr p d d x w u d , s d u d r q h j u r , k g x d v d o h u q d w y d v j h q u f d v s d u d o g d u fr p d l p s r w l e l o d g d g h g h d d q d u r l g h d o g r h x : v x f x p e l u v s x q l h v g r v x s h u h j r , f u d q g r x p d i h u l g d



qdúf vlf d t x h j h u d d q j w l d h s h u g d g d d x w h w l p d, r x w u q d u v h q h j u r. E w h o l p r f d p l q k r l p s d f d w p d u f r q v f l q f l d g r v l w h p d g h r s u h w r u d f l w d h f r q w x l u x p d q r y d l g h q v l g d g h t x h u r p s d f r p r v h w h u h v l s r v s u r g x " l g r v s r u h w h v l w h p d. P h u f h e h - v h t x h M d x u f l r r s h u d p x l w p d l v s r u h w d v h j x q g d y l d, r t x h i l f d h y l g h q v h t x d q g r q r v h f r q i r u p d f r p r g h w l q r g d g r d r f r u s r M 8, e x v f d q g r f r q i h u l u x p q r y r v l j q l i l f d g r s d u d h l l w w q f l d g h w d y l g d. M d l v g r t x h x p l q g l j h q v h, M 8 w u q d - v h x p l p s r u d q v h v p e r o g h a w ( d ).

### **O f y Ä É Ÿ Á Í u À x u a Ä Ÿ y d Ä É Ó<sup>3</sup> c<sup>2</sup> - u É f u w Ÿ u<sup>2</sup> a u x Ä H D b y v É Ä Ä<sup>2</sup> í ' w u y Ä \_ Ó í Ä**

A r e u d f r q w p p x l w v h o p h q w v l p e d f r v d v h u p w d e d d k d g r v d u h s h l w g d p r u h. D h w d f d - v h d g l v f u s q f l d h q w h d u s u h v h q w d r g d p r u h e u d q f d h g d q h j u d. O q l f r s h u r q d j h p e u d q f r t x h p r u h x p l g r v r g h f a l w h p g l d d a d s d u d t x h p d p h g h M d x u f l r w d e d d k d y d. E d h s d u h w d q t x l o, v h q v d g r h p v x d s r o u r q d g h y h a g r, d r v r p g h v x d p v l f d s u h i h u d g d. N h w d f h q d, i r u d p x l o d " d g d v f r u h v t x h q v h v, u h p h v h q g r d r f d o u h d r f r q i r u r. E p f r q w d v h, d v f h q d v h p t x h M 8 d s d u h f h h p s u h j d u d p, h p v x d p d l r u d, f r u h v i u d v, s u r g x " l q g r x p f h q u r v r p e u r h s d w l y r. O v f d g y h u v h q h j u r v u h v d e l g r v v r m y h q v, w p v h x v f r u s r v h l s r w v h p d q x v h d g r v d y u h p h q v h, h p r u h u d p y v l p d v g h x p j h q r f g l r, g h x p d s r o v l f d g h p r u h.

A q h f u r s r o v l f d, v h u p r f x q k d g r s h o i l o v r i r A f k l o h M e h p e h, g h v l j q d x p d s r o v l f d h p t x h r E w d l g r h o j h, s r u p h l r g h x p d i l f r, l q l p l j r v v r f l d l v t x h g h y h p v h u d q l t x l o d g r v f r p r p h g l g d g h v h j x u d q d s e d f d. D h w d i r u p d, d s r s x a d r g l y l g l g d h p v h j p h q w v, h r v j u s r v f r q v l g h u d g r v g h v f d u w y h l v r i u h p h l v h u p q l r g h p d q h l u d v l w h p d w d g d. Q x d q g r v h d u l f x a d h w h f r q f h l w d r f r q v h l w g h x p s d v f r p r r B u d M o t x h v h l q v h u h q d s h u i h u d g r f d s l w d v p r, h p t x h Ó v l q g l y g x r v f r p h d p d v r e u d u g l d q v h g d i r u p d v r f l d o d v d o s r l v m q r v r p d l v u h q w y h l v i ( H l o u r, 2016, s. 203), s h u f h e h - v h t x h r v Ó p x q g r v g h p r u h i ( M e h p e h, 2017, s. 146), v h u l w u r v h p t x h l p s h u d r h w d l g r g h h l f h r h r q g h s h u p l v g r g l " l p d u s r s x a d h v, f r l q f l g h p f r p d v p d j h q v g d v f l g d g h v, h p t x h h w r o f d d " d g d v d v g l v d p d w d v v x s u a d v h l s x a d v g r f l u f x l w g r f d s l w d o L h y d q g r h p f r q v l g h u d r r s u r f h w r k l w u f r g h p d j l q d d " d r g d s r s x a d r q h j u d, t x h q r s v h v f u d y l g r i r l f r q v l g h u d g d g h v t x d d i l f d g d s d u d r w d e d d k r d y u h ( M d g h l u d & G r p h v, 2018), s h u f h e h - v h t x h r v j u s r v d o g r v g d q h f u r s r o v l f d h w r g h p d u f d g r v u d f l d o p h q v h.

O i l o p h g h q x q f l d h w h s r g h u g r E w d l g r g h g l v u t x h p s r g h y l y h u h t x h p g h y h p r u h u v h j x q g r f u l w u r v g h u d d q d v f h q d v h p t x h p h v q h j u d v s u r v h w d p f r q w d r g h v f d v r g d s r o f l d, t x h d e d q g r q r x d v l q y h w l j d h v r e u h r g h v d s d u h l p h q w g h v h x v i l d r v. N r v f d u d " h v t x h v h j x u d p, o - v h i u d v h v f r p r Ó b d w d d r j h q r f g l r g d m y h q w g h q h j u d i. M d x u f l r, d r o q j r g r i l o p h, s d w d d s h u f h e h u d t h a d r h q v h h w d v p d q l i h w d h v h r v f r u s r v t x h h w x g d q d d x a d g h d q d v p l d. A r v h u s h u h j x l g r s h o h v s u w g h M 8, f r p h d d v h s h j x q v u v h h w h q r v h u d i l d r g h d o x p d g d v p h v p d q l i h w d q v h v, l q l f l d q g r x p d l q y h w l j d r, m a q w d h a d v, v r e u d k l w u d g h M 8. A r i l q d o g r i l o p h, M d x u f l r f r q v h j x h u h u d u r f r u s r g d i d f x a d g d g h. A v p h v p d q l i h w d q v h v h q v h u d p M 8, x l o d " d q g r - r f r p r v p e r o g h v h x v s u s u r v i l d r v.

N h w d f h q d, s h u f h e h - v h r t x d q g r h a d v l q g d q r k d y l d p f r q v h j x l g r l q l f l d u r s u r f h w r g h a w s r u v x d v s h u g d v. l w r s r u t x h, v h j x q g r F u h x g ( 1917/2012), h w h s u r f h w r v h l q l f l d t x d q g r r v h w h g d u h d d g d g h u h y h a d t x h r r e r h w d p d g r q r h l l w h p d l v, s d w d q g r d h l j l u d u h v u d g d g h w g d v d v o j d h v d e l g l q d l v f r p d t x h d r e r h w. N r h q w d q w, v h q g r h p y l w d t x h r v i l d r v g h w d v p h v h w d y d p g h v d s d u h l g r v, h t x h h a d v q x q f d v l q k d p g h v f r e h u r r g h w l q r g h v h x v f r u s r v, r v h w h g d u h d d g d g h p h q f l r q d g r d q v h u r u p h q v h q r v h h i h w r x.

Ar w p dur αj duvp e dfr gh w gr v r vildkr v s huglgr v, M8 s r wleldv d fr qgl r s uhdp lqdu s d d t x h r αw v h fr qf u h w' h, s hup lvqgr t x h r h x g h f d g d p h s x g h w h i l f d u r x w d y h' d y h h g h v l q l e l g r .

Dh dfr ugr fr p Tdyduhv (2020), d s r s x æ l r q h j u d , s u l q f l s d q p h q v h d g h s h u i h u d , h w w v x e p h v l g d d p r u h v f r q w d q v h v , p æ l s æ l v , y l r d h q v d v , l q h v s h u d g d v , h v s h w d f x æ l d' d g d v , h q v h r x w r v d g r h v l y r v t x h g h p r q w d p r t x d q w h w h v h j p h q w r v f l d o v i u h x p d k l s h u h | s r v l r d s h u g d v g h i r u p d v l w h p d w' d g d h j x l d g d s h æ l q h f u r s r o v l f d . P d u d d d x w u d , d l p s r w l e l d g d g h g h v h g h v s h g l u g r v i l d k r v i d' s d u h g d h | s h u l q f l d g d v p x æ k h u v q h j u d v k g f d g d v , v h r d s h æ l y h q g d è q r f r q v h | w g d h v f u d y l g r è , s h æ l i d æ l g h d f h w r d v h u y l r v h w h q f l d v h s r o v l f d v s e d f d v r x s h æ l y l r o q f l d s r d f l d o S h q g r d w l p , d v p x æ k h u v q h j u d v v h u d p d s h q g l g r d g h v h q y r g h u x p d h v s f l h g h α w h y l w d y r , h p t x h s d w d p s r u f l p d g d g r u s d u d q r s u h f l v d h p v r i h u l q l q v h u x s w l p h q v h . U p d g d v i r u p d v g h h y l v d u r α w , v h j x q g r d d x w u d , α v d q g r , h | l j l a g r n æ w d . E p g h v h u p l q d g d f h q d g r i l q h , M d x u f l r h w w u h w u d q g r g d i d f x æ d g h q r f d u r g h S x' d q d , v x d d p l j d g d i d f x æ d g h , x p d p x æ k h u e u d q f d . A r s d w d u s h æ s u r v h w r , d h w x g d q v h h | f æ l p d : E w d v p x æ k h u v d l q g d h w r d ? H d r d s d f l q f l d i . N r v d - v h , h q w r , r g h v f r q k h f l p h q w g d v s h w r d v e u d q f d v r e u h r v l j q l i l f d g r s r u u v g h w d v p d q l i h w d h v . N r v h v d v l v r p h q v h g h s d f l q f l d , x p d y h' t x h , s d u d T d y d u h v ( 2 0 2 0 ) , d e x v f d s r u n æ w d s r u v h x v i l d k r v x p f d p l q k r s d u d t x h d v p h v f r q v l q x h p h | h u f h q g r v x d p d v h u l g d g h .

Nr p r p h q w h p t x h S x' d q d i d' h w d d i l u p d r , h æ l h w w h v f x w d q g r d v p v l f d v g h R l q f r q S d s l q f l d t x h M d x u f l r f r æ f r x s d u d w f d u A l q f d s d f l g d g h g d s h u r q d j h p g h i d' h u h æ l r h q v h d v d h w d v t x h h v f x w d h r s u r v h w r t x h s u h v h q f l d u æ l f l r q d - v h f r p d s r v l r g h d d h q d r g d e u d q t x l v x g h . P d u d F d q r q ( 1 9 5 2 / 2 0 0 8 ) , r p h v p r s u r f h w r t x h l q i h u l r u' d r q h j u r l g h d d' d r e u d q f r , f r æ f d a g r - r q x p α j d u g h v h u k x p d q r x q l y h u d o E w d q g r q h w h α j d u h p t x h q r u h f r q k h f h v x d p d f d u d f l d o s d w d d d f u h g l w d y s r u x p æ l g r , t x h v x d v f r q t x l w d v h w x æ l p v r p h q v h g h x p p u w l q g l y l g x d o h s r u r x w r , t x h i h q p h q r v l w h p v l f r v l p s r w r v s r s x æ l r q h j u d è f r p r d q h f u r s r o v l f d è q r s d w d p g h w d j g l d v s r q w x d l v . S x' d q d q r f r p s u h q g h , q h w h v h q v l g r , t x h d v p h v q r s u r v h w d y d p v r p h q v h s r u v h x v i l d k r v h p s d u l f x æ l y p d v s h æ i l p g h x p s u r f h w r t x h j h u d y v l p d v f r p r r v h x v i l d k r v g l d u d p h q v h .

Phufheh-vh, hqwr , d q h f h w l g d g h g d y l v e l d g d g h g h u j l p h v v r f l d l v t x h l q i α h q f l d p q d s u r g x r g h v r i u l p h q w s v t x l f r , s d u d d o p g h i d w u h l q g l y l g x d l v ( F d q r q , 1 9 5 2 / 2 0 0 8 ) . O α j d u v r f l d o g h w l q d g r d r q h j u r q r B u d l o g h g h r h w r , l q i h u l u d g d g h h g h v x p d a l' d r . A r p h v p r v h p s r , r g l v f x u r k h j h p q l f r t x h s u r g x' h w h α j d u d s u h v h q v d g r f r p r d - k l w u f r h d s r o v l f r ( R r v d h w d o , 2 0 1 9 ) , g h p r g r t x h v h w u d g l i f l o d s r q w - æ h f r p e d w - æ . C u d - v h x p g l v f x u r v x s r w d p h q v h u d f l r q d o t x h d s d j d d p h p u d g h x p s d w d g r h v f u d y r f u d w d : Ö r q v l q f l d v h h | s u h w d f r p r g l v f x u r g r p l q d q v h ( r x h i h l w v g h w h g l v f x u r ) q x p d g d g d f x æ u d , r f x æ l q g r p h p u d , p h g l d q v h d l p s r v l r g r t x h h æ l , f r q v l q f l d , d i l u p d f r p r d y h u d g d g h i ( G r q' d d h' , 1 9 8 4 , s . 2 2 6 ) . E w h v s u r f h w r v æ l q d p r q h j u r d x p g h v d p s d u r g l v f x u l y r t x h r v g h v d æ r d g h v x d k l w u d s h w r d o v r f l r f x æ u d o h s r o v l f d ( R r v d h w d o , 2 0 1 9 ) . D h v d p s d u r h w h t x h s r g h v h u h q i h q v d g r s r u p h l r g h u h æ l h v k r u' r q v l l v t x h , d w d y v g d f r q w æ r g h s d x w d v f r p x q v , s h u p l v h p u h l y l q g l f d u r x w r v q r p h v s d u d d o p g r v g h v t x d d i l f d g r v h s d w æ j l' d g r v ( B u d j d & R r v d , 2 0 1 8 ) .

Fuht x h q v h p h q v h , q r p h l r s v l f d q d o v l f r , d l p s r u w q f l d g h w d v u h æ l h v k r u' r q v l l v i l f d l q y l v e l d' d g d , v r e r d j x p h q w g h t x h r v f r d h v l y r v g h v f d u d f v h u' d u d p r v l q g l y g x r v , w u d q g r - r v l q g l i h u h q f l d g r v , d q q l p r v h d d h q d g r v , s h u j r t x h F u h x g ( 1 9 2 1 / 2 0 1 3 ) v h u d g h p r q w d g r d r g h v f u h y h u r v p h f d q l v p r v h q y r g l g r v q d

ir up d r gdv p dwdv. Nr hqvdlqw, s dud Budj d h Rr vd (2018) d s r w q f l d g r v æ l r v v r f l d l v s r g h v h u h | s æ u d g d v h p l q f r u h u q d i r u p d r g h x p w g r v x s r w æ p h q v h k r p r j q h r . A v d x w u d v d h p e u d p t x h , s d u d s v f d q d v h , r v x r h l w g l y l g l g r , l q f r h u h q v h , v h q g r v x d k l w u d f r p s r w æ l g h p r y l p h q w v g h l g h q v i l f d r h g h v l g h q v i l f d r , g d i l | d r g h d g x q v s r q w v t x h r d n æ g d p d d g d u f r p d l q w æ l d g d g h g h v h x v h u A w l p , g h i h q g h p t x h d p d q x v h q r g h w d d æ h u q q f l d h q v h l g h q v i l f d r h g h v l g h q v i l f d r r t x h s h u p l w u d t x h d v l q j x æ l u g d g h g r v x r h l w s x g h w h f r h | l w l u f r p d v æ v d s r o v f d v t x h s r w l e l d æ p i d " h u i h q v h d r g h v d p s d u r g l v f x w l y r h p t x h l q v h u l g r .

Nr iløp h, r e v h u y d - v h r t x d q w M d x u f l r v h l g h q v i l f d f r p r v f d g y h u h v g d x æ l g h d q d w p l d è d w æ d y v g h v r q k r v h d s d u l h v h s l u x d l v è s r u t x h f r p s u h q g h t x h h ò h , f r p r m y h p q h j u r g d s h u i h u d , h w w v x r h l w d g h v i h f k r v f r p r r g h w h v f r u s r v . N r h q v d l q w , h w d l g h q v i l f d r q r f r q w æ l q v h h u j l g d , x p d y h " t x h v æ p e p v h s h u f h e h d v l q j x æ l u g d g h g r s h u r q d j h p d r æ q j r g r i l ø p h , s h æ l i r u p d q l f d f r p r v h | s u h w d h p p h l r d v h x v f r d j d v .

A s r w q f l d g d l g h q v i l f d r f r p M 8 s h u p l v h f r p t x h M d x u f l r æ v h s d u d t x h d k l w u d g h w h f r u s r q r v h r d d s d j d g d , f r q i h u l q g r r x w r v h q v l g r v x d h | l w w q f l d : g h l q g l j h q v h d v p e r æ t x h y l d e l d " d d f r q f u h w " d r g r æ w g h g l y h u d v p h v . v æ p e p s r u h w h p h f d q l v p r s v t x l f r t x h M d x u f l r f r q w æ l u h æ l h v k r u " r q v æ l v h q v h v x d v y l y q f l d v h d v g h R l q f r q S d s l q f l d , h | v h u q d d " d g d v h p f r p s r v l h v p x v f d l v . N h w d v d w æ d v u x j h p h ò p h q w v g h u h l w w q f l d t x h s u r p r y h p d g h v y l q f x æ l r g r æ j d u t x h g h w l q d g r d r q h j u r è g h l p r u d d g d g h , l q g r o q f l d , q r - v h u æ w æ p h q v h d l g h q v i l f d r , h q w r , t x h d x | l d d q r i æ u h v h u g d v l q j x æ l u g d g h , v h q g r x p p h f d q l v p r g h v d d h q d q v h , q r r r s r w r .

## QÀÁÊ'xyÉú yÊT'Áu'Ê

V - v h t x h d r e u d w æ d e d d d g d g h q f h q d g r l v v l s r v g h æ w . O s u l p h l u r g l " u h v s h l w d r æ w g h p r u h v f r q f u h v æ l , i r f d q g r q d v p h v t x h s h u g h u d p v h x v i l d r v s r u x p d s r o v f d g h p r u h t x h v h æ w l i l f d s h æ l v x s r w æ l q d v x h " d g h v h q g q f l d d r f u l p h g h v x d y v l p d v . N h w h v h q v l g r , r i l ø p h g h q x q f l d r g l v f x w r k h j h p q l f r q d v x u d d " d g r t x h , s r u p h l r g d p d q x v h q r g h h w h u h v l s r v , i d " f r p t x h d r s l q l r s e d f d y h r d d s x q l r h r h q f d u f h u d p h q w f r p r q h f h w u d v , q d u d v l y d f r q w æ d g l w u d , x p d y h " t x h , v h j x q g r G r q " d d h " (1984): Ø p r v e u d q f d v h w r d p d v æ l q g r q h j u r v y r q v æ l g h ; r e v h u y h - v h t x h v r q h j u r v m y h q v , f r p p h q r v g h v æ l q v æ l d q r v . P r u r x w r æ l g r , t x h v h y h r d t x h p d p d l r u d g d s r s x æ l r f d u f h u u d g h w h s d v i ( s . 231 ) .

J r v h j x q g r v l s r u h i h u h - v h d r æ w g h x p æ j d u v r f l d o g h r s u h w r . D h d f r u g r f r p R r v d h w d o (2019), s d u d t x h r q h j u r s r w d u h f r q w æ l u v x d k l w u d s d u l f x æ l u h u h f r p s r u x p l g h d o g r h x à l p d j h p g h x p æ j d u h p t x h v h y d p y h o s d u d r O x w r à t x h q r d q x d h v h s u s u r f r u s r h w æ r h w u d , h ò h s u h f l v d g h x p u h f r q k h f l p h q w s e d f r g r æ j d u g h r s u h w r t x h r f x s d t x h s r w l e l d v h f r p t x h h ò h s u r f h w h à v æ p e p f r d w l y d p h q v h à x p æ w g h w h æ j d u N r v æ l - v h t x h M d x u f l r h w w s u r f h w d q g r h w h æ w s r u p h l r g d v d u h v t x h f r q v r p h , g d l q y h w l j d r v r e u h r v f r u s r v f r q v l g h u d g r v l q g l j h q v h v æ q w v p h v è t x h r s h u p l v h w p d u f r q v l q f l d g d q h f u r s r o v f d s d u d t x h v h s r w d f r p e d w - æ l è h g d v l g d v d r v h u h l r , h p t x h g h v h q y r g y h v x d h v s l u x d d g d g h h h q w æ d h p f r q v æ l w f r p x p d p d q h l u d g h l q v h u s u h v æ l u d y l g d g h v y l d q v h g r f r q k h f l p h q w k h j h p q l f r , d o p g h v h u x p æ f d o s d u d v h u h f x s h u d u r i d j r r æ q w d r v v h x v è q d v s d æ l y u d v g h C l g d , p h g h M d x u f l r : Ø x d q g r h x s u h f l v d y d e x v f d u i r u d , h u d o q r v h u h l r t x h h x l d i . N r h q v d l q w , v æ p e p v h s h u f h e h t x h

hwhæw lqvwur p slgr t xdgqr vr iuh glvf up lqd r sr ufr dñj dv, ylr o qflds r dñldqr dñduvhfr p hqwdr vvxvw udf lwæv. Ewd fr qvævd r uir u dr t xdgwr, ds hvdugdvuhf hqvñvp xgdq dvvr fldlv, r glvf xwr khj hp qlfr hww æ qj h gh hudglf duhwhv sur fhwr v, rx p hvp r gh ufr qkhf -æ v, xp d yh" t xh r p lw gd ghp r f udfld vr fldo s hup dqhf h ir uñh.

Awlp, vddhqvæ-vh d lp sr uwqfld gh id" huiuhqvñ d hwhv glvf xwr v, vdgwr qd hvihud s hwr dot xdgwr s ur ilwlr qdo Ar v hwxgdqvñv h s ur ilwlr qdlv ghglf dgr v s vlf dq dvñ lqfxp eh-vñ r ghyhugh dvxp luxp d vlf d gh fr pedvñ dr ds dj dp hqw gdv glvf xw hv vr fldlv h dr hslwñp lf glr j xldgr shæ lghr æ jld gh eudqt xhdp hqw, d t xdos hws hwx d d f uq d gh t xh r v qlfr v vdehuv h ydæ uhv yhudgdlur v h xqlyhuwlv v r r v gr Of lghqvñ eudqfr (Gr q" dñ", 1988). As dulughwhv fr p s ur p lwr sr wyhoj huduf r qgl hvs ddd yhudgdlud ghvddhqd r gr qhj ur h gr eudqfr, id" hqgr yddud lqvñq r gh Fdqr q (1952/2008) dr ghvñqyr ghu vñxv hvf uwr v: Qxhur vlfq hudp hqvñ dnydu p hx lup r qhj ur rx eudqfr d vdf xglu hqhuj lf dp hqvñ r æp hqwyho xqlir up h vñflgr gxudqvñ v fxæ v gh lqfr p s uhqv r î (s. 29).

## f yzyÉ ÁwúÉ

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I vñzi /V1-5343, 1lsyvi z t ft sfvññxñ t 1ls SF li j Vt z" f Vñi 1j Qt yf x, /Lsyvi z t ft sfvññxñ t /js xññ x i j r j yf uxññt q l rñ j t z yñxxyj Syt x-4<4704<49, ðu146083, 1Ftr ufs mñ i fx Q yñvñ1-Vñgf ært t vñ rsf quz gññf i t j r 4<47, 1

I vñzi /V1-5345, 1Qyt j r j qñsht ært 1Ft xñf( Qñk 1-Vñgf ært t vñ rsfquz gññf i t j r 4<4: , 1

I vñzi /V1-5346, 1Sxññt q l rñ i f x r f x f x j fs æpj i t j z1St vt Dñl vñ=Q SP 1-Vñgf ært t vñ rsfquz gññf i t j r 4<54, 1

Jts "f q" /O1-4< ; 7, 1Uf hñr t j xj Sñr t sf hz qz vñ gñvññj vñ 1ls =Vññf /O1D1P 1- vñ 11Uj/xyf Fñshñx Vt hññx Kt q -5560577, [1myux=22vñ l k vñ vñvññññññ si q 2456789: ; <255<](#)

Jts "f q" /O1-4< ; , 1D hf yj l t vñ ut qññt Chz qz vñq f fr j kññfs ñ f i j 1ls Kt æñ si f /K1E1-R vñ 1 Sj xñr j syt kj r rs xyf ÓFt shj ñt xkz si fr j syfñ Ef "f w t Vñr ut 1

Kj vñ fss /I 1-5339, 1Sxññfs æpj /hñshñ j kñ t 1Mñ vñf q j Sxññfs æpj /6< 3, /880 <1

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ht syj r ut wsjt 1Vj ŵ/n t Vt hrf q( Vt hŵi f i j /+466,/79607: <1myux=2i t nt w 243 48<3234340995; 487  
P gj r gj /D1-5349,1Qj hŵr ut qŵhŵ 1Dŵj j Hx f r t x/5-65,1myux=2j j ŵy f x z kŵg wŵs i j S1umu2f j 2f wŵhŵj 2 j j ~ 2 <<6  
R q j nŵ/D1F1D1-5353,1O q J ts“f q” j t u j s x f r j s y t ŵs j w j hŵr s f q X r f v j k j S t x t g v j t r ŵt i f i j r t hŵ hrf  
vŵ hrf qst Eŵxraq Uj /ŵy f Ls j wŵ ŵt x/943,/; <04371  
[myux=2uj ŵt i rht x z k u j 1g w ŵ j ŵy f x 2 s j wŵt ŵt x 2 f wŵhŵj 2 j j ~ 2577; <8267; 99](#)  
Urs ht s /V1-534; ,1Fŵr j g ŵg f ŵr ‘P xhŵ b l Et q l ŵŵ Sŵr i z j x1  
Ut x f /P 1G1-5355,1Vt kŵr j s y t x t hŵ ut qŵhŵ /xŵj s hŵr j s y t j f hŵs hŵf ŵxhŵ s f qŵhŵ 1Sxhŵ q l rŵ f n s hŵr j Sŵr kŵx t /  
75j 5754: <1myux=2i t nt w 243 48<324< 506: 363365754: <  
Ut x f /P 1G1Eŵs pt ~x pŵ J 1L1( Vt z“f /S1V1-534<,1Ŵ ŵs f ŵk j r z qŵj ŵs j l ŵŵ X r f k f h j u gŵhŵ j ht q j ŵ f i t q y t 1  
Fŵs hŵf ( Fz qz ŵŵ; +52ŵ 534<, /; 90433 1  
[myux=2j j ŵk k g w ŵs i j S1umu2hŵs hŵf j h z qz ŵŵ 2 f wŵhŵj 2 j j ~ 247; 97244736](#)  
Ut x f /P 1G1Hŵy | t /L1UŴ( Eŵŵ f /D1S1P 1-534; ,1Fŵs hŵf ŵxhŵ s f qŵhŵ m ŵqŵhŵ f f t s j S j x h t r f h z qz ŵŵ /f  
x t hŵ i f i j j f ut qŵhŵ 1Sxhŵ q l rŵ j r Hŵz i t /55+6,/68<069<1myux=2i t nt w 243 48<324< 506: 363365754: <  
Vt z“f /Q1V1-4< 6,1Ŵ ŵs f ŵk j s j l ŵŵ D x /r h x x y z i j x i f m j s y n f i j i t s j l ŵ g ŵ x r q j nŵ j r f x h j s x t x t hŵ q ŵ f j i 1  
H n j x J ŵŵ f q  
Ŵŵ f v j x /M-5353/ŵ qŵt /58,1Gŵ f q l f s i t hŵs hŵf x ŵ v j y f x = f q ŵ s i t i j u j ŵŵ Ó S ŵ r k G ŵ ŵ 1 Ŵ f s j Ŵŵ f v j x ‘Y i j t b l  
] t z Ŵ g j 1myux=2~ ~ 1 t z y z g j 1 h t r 2~ f y h n B j @ h Z j G F Z l g m 7 l  
Ŵŵ ŵ x x r f s /V1G1-534; ,1D hŵs hŵf ŵxhŵ s f qŵhŵ j r k f h j i f i m j s x t x t hŵ ut qŵhŵ i t x t kŵr j s y t 1Uj /ŵy f Eŵxraq nŵ i j  
Sxhŵs qŵj /85-6,/58605891myux=2uj ŵxhŵ g j x f q i t ŵ 2 x h j q 1umuBxhŵyŵxhŵf ŵy j S y l ŵ ŵ i @V37; 90  
[974f 534; 333633349\( q l @ ŵ y l y q l @ ŵ y](#)

# WQsbgc dOf O dSggc Og Sa gWi O c RS f i OSa Tc f hO\_SnOH

## Qc a dOf hWObRc SI dSf WbQWg

ILF HQVXVI R UKRP HQW SHR SCHIQ I R UWJHW=VKDULQJ H[ SHULHQFHV

v p 2 í 4 2

### fyÊÖ³ Å

O rerhlyr dsuhvqvdu xp thælw gh h|shul qfld d sdulu gd sdulflsd r qr Il Chqvr sducl Phwr dv hp Slwcl r gh Rxd hp Fr uadn"d. A srsxæ r hp vlvcl r gh uclsrwxl d srovlfd qdflrqdo txshufrql"d d j dduqvd gh glulwv, sru p dlqgd xp d srsxæ r p d j lqdd"dgcl, glvfup lqdgcl h hvt xhflgd, exvfdqgr vxdv su sldv hwdwjl dv gh vr ehly qfld. Pdcltxh kdrclqyhwlphqwr hp srovlfdv s edfdv, id" qhfhw ulr gdgrv txh dsrqvhp dv qhfhwlgdghv gr s edfr h frpr ihuclphqvd gh shvxlvd xvlcl"dv h fr hqvr, sru p lp sr uclqvhwddhqvclut xh d fr qwux r gr vgdgrv qhfhwlvcl gh shwr dv hqyr gldgcl, h|shulhqvhw, frpsuhqvlydv d uddgdgh txh lu vhu fr dhwlgcl.

du²uÖuÊw-uÖyHPrsxæ r hp vlvcl r gh ucl; fhqvr; srovlfdv s edfdv; p hwgr sj ldsdulfls clmycl.

### OvÊÊwí

Tkh sxusrvh lv suhvhqvclqj dq h|shulhqfh uhsruw edvhg r q sdulfls dvlr q lq Il Chqv xv iru Hr p hclw Phrs dñ lq Fr uadn"d. Tkh kr p hclw srsxævlr q kdv d qdvlr qdo s r dñ' vclw dgyr fclhw ulj kw j xduclqvhw, exwvwlclv d p d j lqdd"hg, glvfup lqdvhw d qg ir u r wñq srsxævlr q, vñhnlqj lwr z q vxulydovvclhwj lhw. Tr kdyh dq' lqyhwp hqwr lq sxedf s r dñ lhw, lwlv qhfhwdu w kdyh gdvd vclwv r lqwr xwvkh udo qhhgvr i vclhw shrs dñ d qg dv d uhvdufk w r ovkh fhqv xv lv xvhw, exwlv lv lp sr uclqvhw hp skdvl" h vclh gdvd fr qwuxfvlr q w eh fr clhf vhw qhhgvr w kdyh shrs dñ lqyr ghg, h|shulhqfhg, z klfk xqghuclqgv vclh uddw vclwv lclh fr clhf vhw.

ZyaÜÀÊÊH Hr p hclw shrs dñ; Chqv xv; Pxedf s r dñ lhw; Pdulfls dvl p hwkr gr sj '.

Xsñj wñfi j l j i j vñq t Fjfw  
Swkj xxt vñ wñqñw f j vñi z f t j  
S xñ vñi z f t j r Sxñt q l ñ i f  
Xsñj wñfi j l j i j vñq t Fjfw

r M fDsf Qz xf  
Yf qñ f vñx Qñs "f J zm fwj x

ê f4523925356  
n f5823425357  
ã f5624525357

p ðitxVfsytx/LIF1P1(  
[m jsjx/P1Y15357,  
Pjyfuxñt q l ñ HHuxj r t q l ñ =  
Uj i j ks rs i t l wsjy nñx Qf  
Sxñtñs qñj l vñzi ñi sf l P t xñtñt =  
Hñzi t x j r Sxñt q l ñ /45-4, /47057

## WÍÉAxÓ À

Dlvfxvludvhlshul qfldvghylgdgdvs hwr dvhp vlxd r gh uxdqr Budvlo xp ghvdlr. Os edfr t xh ylyh, wdaqvlv h fr qwa l hwwdwj ldv gh ylgd qr fr qvhl w gdv uxdv p xlvv yh"hv lqylvld" dgr h qdv udd" dgr fr pr p dlvp xp fr p sr qhqv gd s dlvdj hp xuedqd. Pdud Rrguj xhv (2015), d lqylvldgdgh ghlyd gr q r uhfr qkhflp hqw; dwlp, vhudq qlp r sr gh vj qlilf duvhuqlqj x p, p dv vlp e p t xda xhuxp. Rr p shufr p hwd lqylvldgdgh vhp vlgr xp d xw qr fr qvhl w eudvlvlur, t xh lqf x l fr qkhf huh gduyr " d hwhv vx rhlv v hp vxdv p ois av ir up dv gh hqihqvlp hqw fr vlgldqr. Up r ddu vr euh d ylgd qdv uxdv exvfd hqv hqghu r v ghvhp lqdqvvr fldlv, idp ldduhv h vx rhlv r vt xh s hus dwdp hwhv vx rhlv v.

Ov hwxgrv gh Xlp hqhv & Evp hudgr (2022), dr glvfxvlur v pr gr v gh ylgd gh shwr dvhp vlxd r gh uxd, ghedvhp d lqylvldgdgh h hlf xvr t xh dvqj hp hwh s edfr h vxdv ir up dv gh uhvwwqfld, t xh s hus dwdp xp dp x ois dfgdgh gh vj qlilfd hv h pr gr v gh vhu Dh ir up dvhp hkdqvhl, Adqvdlud hwdv (2015), hp hwxgrv vr euh d sr sxal r gh uxd, ds uhvqvlp xp r ddu vr euh t xhp v r hwdv shwr dv, gh r qgh ylhudp, fr pr wdedkdp, r qgh ilfdp h fr pr ylyhp. Ehv dsr qvlp d yly qfld gh uxd fr pr xp d uddgdgh fr p s d uddgd s ru glihuhqvhlv lqgly gxr v fr p klwuldv h wdrhwuldv khvur j qhdv t xh wdaqvlv hqvhl d yxw h uelgdgh h hlf xvr, p dv vlp e p hqvhl d uhvwwqfld h d exvfd shal dxw qp ld.

Dhwd ir up d, s d d Evp hudgr Fldr hwdv (2022), shqvdu d sr sxal r hp vlxd r gh uxd fr uhaflr qdudv glp hqv hv p dfr vr fldlv ylylgdv sr uhwh s edfr qr vlwhp d fds lvdvdl hp vxd idf hvd p dlvp ylyvho d ghvjl xdgdggh. Ao p glwr, qhf hwr ur d qddvdur v dvs hf wv lghr o j lfr v, svlfr o j lfr v h vlp e dfr v, r vt xdlvv v r sr wylvt xdggr fr qvhj xlp r v d qddvdur fr p s uhqghuhwhv vx rhlv v h vxdv wdrhwuldv.

Ov hwxgrv vr euh d sr sxal r gh uxd lqglfdp fduf vhuwlf dv uhfr uhqvhlv t xh d ydp shwr dv yly qfld qhwhv hvs d r v. Dh dfr ugr fr p Nxqhv (2021), hp shvxlvd d uhvhlw gr v uhedvlp hqv v gd s dqghp ld gh Cr ylg-19 qr Budvlos d d d PSR, dv wdrhwuldv p dlvp fr p xp hqvhl hqfr qvldgdv hqvhl hwhv vx rhlv v lqf xhp: vlxd r gh p lv uld hlvhp d, y qfx x v idp ldduhv ur p slgr vr x hvj du dgr v, xvr r x klwulfr gh xvr gh vxewwqfldv svlfr dlydv, vlxd r gh ghvhp shj r, hqyr qlp hqw fr p idf hv, shwr dv ghvds ur s ulgdv gh vhxv alvhs h o w ilfr h fr qgl r gh wdaqw ugr v p hqvdlv.

Cr pr lqglfd Lhp hv (2020), ds hvdugdv p ois av hvs hf l ilfgdghv t xh d ydp wdrhwuld lqglylgxdo gh xp vx rhlv v uxdv, hwdyly qfld, hp xp r d d up dfr v f slfr, xp d hlvshw r gdt xhwr vr fldot xh xp ihq p hqr hp lqhqvhp hqvhl klwulfr. Ewh yhp p hvdpr ur vhdqgr -vh dr o qj r gr vhp sr h d w xp lqgr fr qv ugr v glihuhqfldgr v d s d uugdv pr gliilfd hv qr v fr qvhl w v vr fldlv, hfr q p lfr v h sr ovlfr v dr o qj r gd klwuld kxp d qd, d t x d o s d x alqdp hqvhl, s dwd d uhf hehu dv hq r h d vxd r sr u s d u h gr Ew dgr h gd ir up xal r gh sr ovlfr v vr fldlv.

Nhwh vhqvlg r, s d d fr qwa klus r ovlfr dv ghvldgdgdv d hwh s edfr, w ugr x -vh qhf hwr ur ghdp lvdur s huloh dv fduf vhuwlf dv vr fldlv, shwr dlvp, idp ldduhv h gh wdedk r gdt x h d v t xh ylyhp qdv uxdv. Nr Budvld d s ulqls dohv wdwj ld s d d fr qkhf huh lghqv ilf duhwhv vx rhlv v vhyh fr pr p dfr r l Chqvr h Phvt xlv d Ndf lr qdo gh Phvr dv hp Slvd r gh Rxd (Budvld 2008), t xh ir p hqwx, dr o qj r gr v dqr v xevht xhqvhlv, xp d v uh gh fhqvr v qdv glihuhqvhlv flgdghv eudvlvludv ylv d qgr fr qvdl hp, lghqv ilfd r h fr qwa r gr shuloghwh

s edfr, vhuylqgr dwlp fr p r edvh s dud s ædghrdu h| hf xwlu h dyddu s r ovlf dv s edf dv s dud dv s hwv dv hp vlxd r gh uxd.

### **dEÀwËÈÀÈ QyÁÉÍ É'ÀËy u dÀÄÓÙ À S<sup>3</sup> g'íÓu À Ry f Óu**

Ov s ur fhwr vf hqvlwlr vyr ædgr v s dud s r s xæ r gh uxd qr BudMofr qwlwxhp -vh fr p r s r qwv gh s dudgd s dud d hæder ud r gh j uqgh s duh gdv s r ovlf dv yr ædgdv d hwv s edfr. Ewvhv s ur fhglp hqwr v j hudp gdgr vt x dqvlwlvyr v h t x ddvvlwlvyr vt xh, do p gh xp d fr qvøj hp , hp edvdv wlp e p r r dduh d fr p s uhqv r vr euh t xhp v r h fr p r ylyhp hwhv vxrlwv. A fr qwæ r gh xp s hülod uhs hlwr gdv s hwv dv hp vlxd r gh uxd, fr qwægr, xp j uqgh ghvdlr. Dh dfr ugr fr p r lqwlwxw BudMöhlur gh Ghr j udlld h Ewæwvlf d (IBGE, 2022), xp fhqwr ghpr j uilfr vhp s rurerhvlwyr fr qvødur v kdelvølvwv gr vhuwlr qdf lr qdø lghqvlf du vx dv fduf vhuwlf dv h uhyæu fr p r ylyhp r v eudMöhlur v, hp lwlqgr lqir up d hv lp s r uøqvhw s dud d ghilql r gh s r ovlf dv s edf dv h d w p dgd gh ghflv hv gh lqyhwlw hqwr v gd lqlf ldlvld s dydgd r x gh t x dæ xhu q yhogh j r yhuqr. Cr qwægr, dilup dp Rr vd h Bu vølv (2015), d p duf d ghvhw s edfr vx d wøqvhw uhgdgh, p xøls d f lgdgh h glyhuwlgdgh, hðp hqwr v t xh fr qihup p dlr u fr p s dñ lgdgh d s ur fhwr v t xh exvt xhp vlwvhp dlv' du h fr qwæx lur d dduh j hudlv d uhs hlwr ghvhw vxrlwv. Ewvhv idv uhv glilfxædp h lp s hp eduwlv dv fr qvøj hp s dgu r eudMöhlur, dnydqgr qhfhwlgdgh gh xp d der ugdj hp p hwvgr o j lfd hvs hf ilfd yr ædgd s dud d s ur gx r gh fhqwr v ræqvø PSR.

Pdud Rlehlur hwdo (2022, s. 71), d s r s xæ r hp vlxd r gh uxd fr qwæqvhw hqvhw hqfr qvud ir up dv h p dqhludv gh Öv f ds du h uhlwlu d t xdlvt xhu vhwlvwlv dv gh glvf ls d qdp hqwr gr v fr u s r v h gdv vxerhvlwlgdghv. Cr qwægr, p hvp r fr p s uhqghqgr r fdu vhuels r ovlf r gh Fr xfdxø(1999), qr t x d d fr qwæx r gr v fr u s r v h vxerhvlwlgdghv s hus dwd xp d glp hqv r s r ovlf d h wælvøt xh ylvdr fr qwr dñ h d xer uqlqd r gr v lqgly gxr v, ehv fr p r vhx glvf ls d qdp hqwr, d udd'd r gh lqvhu yhq hv h wævllv h s hvt xlv dv vr euh hwv s edfr v r h| wvhp dp hqvhw qhfhw udv, s rlv wlp e p fr qvhu ydp hp vl d s r wældgdgh gh wæ"hu æ" v lqylwældgdghv klwv lfdv ghvhw vxrlwv. Dh ir up d vhp h d dqvhw, Fduv (2020), d uhs hlwr gr Chqvø Pr s xæu udd'dgr qd flgdgh gh Bxhqr v Aluv (Auj hqv lqd) qr v dqr v 2017 h 2019, uhwdæv t xh dv s hwv dv hp vlxd r gh uxd ir udp f ds d' hv gh p dqlihwælu gh ir up d ylv yhodv glyhuwlv ir up dv gh ylr o qf ld ylyhqf lgdv, vr euhvgr dt x hæv t xh v r lp s h dgdv s hø s u s ur Ewægr. Ewv s hvt xlv dv s r vxhp fr qvht x qf ldv t xh v r s huf helgdv gx uøqvhw h ds v r hyhqwr fhqvlwlr, hwlv xædqr d vlqj xælv'd r ghvhw s edfr h d fr p s uhqv r gd vlxd r gh uxd fr p r xp ihq p hqr fr p s dñ| r h p xælv d f h wægr.

Nr fdv r eudMöhlur, qr dqr gh 2008, r fr uhx r l Chqvø h Phvt xlv d Ndf lr qdovr euh d Pr s xæ r hp Slwæ r gh Rxd (BudMø 2008), qr t x d oir udp fr qvælv d' dgdv 31.922 s hwv dv. Ewv s hvt xlv ds uhvhwv x r s hulo gd PSR, vx dv hvs hf lflf lgdghv, hwædwj ldv h ylv r gd qhfhwlgdgh. A dp r wæv ds r qwæx fr p r p dlr ud kr p hqv (82%), fr p lgdgh dlvld (18 d 55 dqr v), lghqvlf d r gd fr u s dgd (39,1%). Pdud do p gr v gdgr v, r l Chqvø ghqr vø d lp s r uwqf ld gh s huf hehudv s hwv dv hp vlxd r gh uxd s dud do p gh h| fæ gdv, hp vx d fr qgl r gh vxrlwv v r flldv. Ar gduyr " d hwvhw vxrlwv, exvfr x-vh uhfr qkhf -æ v fr p r Öxrlwv v r flldv ds wv d lqvhuylu vr euh dv ghflv hv t xh lqix hqf ldp vx dv ylgdvi (BudMø 2009, s. 13). Dh wæv ir up d, k r lqwlwv gh ur p s huf r p s uhfr qf hlwv h hwlv p dv vr fl d p hqvhw fr qwlwx gr v d uhs hlwr gdv PSR, s dxwægr v qd klwv lfd lqylwældgdgh d hwvhw fr qihulgr v wæqvø qd vr fl hgdgh fr p r hp vhxv glhlwv vixqgdv hqvælv h kxp dqr v (Sdqvæqd, 2014).



Nr hwhlr ghwd sulp hlud j udqgh frqvāj hp h vhrud" d r vreh d PSR, hp 2009, ghx-vh d lps dhp hqvā r gd Pr ovlf d Ndf lr qdos d d Pr sxā r hp Slx d r gh Rxd (PNPSR), Dhfuhr Puhvghqf ldoqx 7.053, gh 23 gh gh"hp eur gh 2009, qr txdoghilqhr vhx s edfr fr p r lqgly gxr vhp vlx d r gh uxd:

"Preuh" d h| vhp d, r v y qfxā v idp ldduhv lqhvur pslgrv rx iudj lā dgrv h d lqh| lwwqfld gh pr udgld fr qyhqf lr qdoxj xāu h txh xvlā d r v ā j udgr xur v s edfr v h dv uhdv ghj udgdgdv fr p r hvs d r gh pr udgld h gh vxv hq w, gh ir up d vhp sru ddr x shup dqhqvā, eh p fr p r dvxqlgdghv gh dfr dklp hq w s d d shuqrlvā vhp sru d r x fr p r pr udgld sru ylv ud" (BudMq 2009, s. 01).

Pdud d p gd ghilql r dñj dogr txh v r dv shvr dv hp vlx d r gh uxd, qd PNPSR, hp vhx duvj r 7x, qr tx dovā d gr v r ehvyr v, lqflvr III, uhihuh-vh d Ōqvā l d fr qvāj hp rilf ldogd s r sxā r hp vlx d r gh uxd (BudMq 2008, s. 02). Dhwh p r gr, d dñj d d d qvā d qhf hvlgdgh gd fr qvāj hp gdv PSR, gd ghilql r gr shulo ghvā s edfr, ghvā d dgr -vh d lp sr uwqfld gds hvt xlv d.

Cr p lwr, glihuhqvā hwdgr v h p xqlf slrv eudvā h v y p exvf dgr uhd d" d d s d u l u gh glihuhqvā p hwr gr ā j l d v, fhqvr v yr ā dgr v s d d PSR fr p vx d v s u s u d v uhd d g d g h v ā f d l v, h d q f d q g r f d u f v h u h v s u s u r v d v h u h p e x v f d g r v h l g h q v i l f d g r v h p v x d v s h v t x l v d v. Ew h v s u r f h w r v, f r p r g l v f x v h N d v d d q r (2016), g h q r v d p h v i r u r v v h w u d d" d g r v g l d q v h g d d x v q f l d q d f l r q d o g h x p d f r q v ā j h p s h u l g l f d g d v P S R h g d s u s u d g l i l f x ā d g h h p f k h j d u v s h w r d v t x h q r s r w x h p g r p l f d r i l l r x u h v g q f l d.

Cr qir up h h| s r w w qd Phvt xlv d Ndf lr qdovreh d Pr sxā r hp Slx d r gh Rxd (BudMq 2008), d r s r p h w g r o j l f d g r l Chqvr Ndf lr qdovreh d Pr sxā r hp Slx d r gh Rxd edvhr x-vh, hqwr, qr tx h w l r q d p h q w d u h v s h l w g h r q g h r h q v h y l w d g r g r u p l d, s d d, d s d u l u g l w r, f r q v h j x l u f k h j d u v s h w r d v t x h y l y h p h g r u p h p f d o d g d v, y l d g x w v, u r g y l d v h v f. N h w h v h q v l g r, d s h v t x l v d d s r q w x d q h f h w l g d g h g h r v f h q r v f r p s u h q g h u p, d o p g r q p h u r g h s h w r d v t x h y l y h p q d v u d v, d g l v s r v l r g h w h v v x r h l w v q d v u d v h l q v l w l h v g h d f r d k l p h q w, i d l l d v h w u d v, l g h q v i l f d r, h v q l d, y q f x ā i d p l d d u h v f r ā d u g d g h, s u r i l w l r q d d" d r, v l x d r g h v d e d d r h u h q g d, j q h u r, ā f d l v g h v a q v l w g h w h v v x r h l w v, g h p d q g d v g h v d g h h u h d v g h g l v s r v l r.

Nr fr qvā w gh Fr uā d d" d, hp 2021, d Puhihlvā d Mxqlf l s d o g h Fr uā d d" d, d w d y v g d S h f u h v ā d g h D l u h l w v H x p d q r v h D h v h q y r g y l p h q w S r f l d o u h d d" r x r 2x Chqvr s d d Pr sxā r hp Slx d r gh Rxd (Fr uā d d" d, 2021), qr tx d o i r u d p f r q v ā l d" d g d v 2.653 s h w r d v, x p d x p h q w g h 54,4% h p u h ā r d r q p h u r g h 2014 (1.718 s h w r d v). O s h u l o d p r w d o i r l 81,5% g h s h w r d v g r v h l r p d v f x d q r, 57,5% g h f ā d u d p f r u s d u g d, 49,1% h q v h 31 h 49 d q r v, 22,1% f r p v h p s r h p v l x d r g h u d h q v h 1 h 5 d q r v. E v s h u d -v h t x h f r p d d v x d d" d r g h v h s h u l o k d r d d d v x d r g r s r g h u s e d f r s d d d v h q g h u v q h f h w l g d g h v d v x d l v h x j h q v h v g h w d s r s x ā r. R h w d o d -v h t x h r Chqvr G h u d o s d d Phvr dv hp Slx d r gh Rxd hp Fr uā d d" d/CE ā 2021 (Fr uā d d" d, 2021), v h y h x p f d u v h u l q r y d g r u s r l v f r q w x g h v g h v h x s ā q h r d p h q w f r p s h w r d v d v x d q v h v q d s d x v ā h v h x v u h v s h f v y r v u s u h v h q v ā q v h v, g h i r u p d s d u f l s d v y d h y r ā q w u d. F r l f u d g r x p j u x s r g h v d e d d r, f r q v ā d g r f r p s h w r d v h p v l x d r g h u d, x q l y h u l g d g h v, f r d v l y r v, p r y l p h q w v t x h w p h l s h u l q f l d f r p r v d e d d r PSR, s u r i l w l r q d l v g r S U A S, M l q l w u l r P e d f r h r C r q v h d r M x q l f l s d o g h A w l w w q f l d S r f l d o

A l p s r u w q f l d g h x p f h q v r s d d PSR h p Fr uā d d" d j d q k d h v s h f l d o u h d y r g l d q v h g d v g l p h q v h v r f l d l v, h f r q p l f d v h v x e r h v y d v t x h s h u s d v d p d u h d d g d g h ā f d o q r w f d q v h v x d k l w u f d h y l v f h u d o

ghvj xdgdggh vr fldo dut xlvhw qlfd h xuedq wlf d. Pdud Rr gulj xhv (2005), d ylgd qdv ux dv qd f ds lwlogr Chdu s ur gxw klw ulfr h vr fldogh xp dyhuwj lqr vd h| fæv r vr fldo fxrdv ud "hv hqfr qvæp -vh qr ghvhqyr oylp hqwr gdsu s uld fldggh h hp vxdvhj uhj d r vr fldoh hvs d f ldo

Nhwh fr qvñ| w, r s uhvqhñ væddkr vñp s r ur erhvlyr ds uhvqvædup thæw gh h| s hul qf l d s duwugd s duw f l s d r qd thdd" d r gr Il Chqvr s dud Phwr dv hp Slæd r gh Rxd hp Fr wædh" d à CE à 2021. A lqvhu r dfr qvñf h x hp wgr r s hufxur gh s æqhæp hqwr, lp s dñp hqwd r h h| hfx r gr fhqvr, lp s xælr qd qgr r ghvñm gh fr p s duwæd d lp s ruwqf l d h qhf h wlgdgh ghwd shv xlv d, s rlv r fr p s duwæd hqwr gdv p hwr gr ø j l dv, h wædwj l dv h s ur fhwr v gh væddkr, eh p fr p r gdv fr qh| hv h wædh d f l gdv fr p r v x r hlv v, vxdv ylgdv h vxdv wædhw udv, s r gh fr qvæx l u s dud xp r æd up dlv s u | lp r gdv PSR, vñxv gl dñp dv, fr qidv v h hqihqvæp hqwr v.

## a yÍÀxÀ²À" "u

Ov s ur fhwr v gh r j d q l " d r h h| hfx r gr v fhqvr v lp s dñp hqvægr v s hæv f l gdggh v f l wgdv ghqr v æp t x h dv p hwr gr ø j l dv xlv d " dgdv ydudup hp f dg d æ f d d g d g h, fr qvæx l qgr p r ghæv s u s ur v gh s æqhæp hqwr, h| hfx r h fr qvæx r gh gdgr v. Nhwh vñqvlg r, exv f d -v h ds uhvqvæd u fr p r v h h wæx wæx h w h v l s r gh shv xlv d hp Fr wædh" d, qr dqr gh 2021, h d q f d qgr r s hufxur p hwr gr ø j l fr t x h r fr p s v h fr qvæx l x. Dh wæf d -v h t x h d d x w ud, gx u d q v h w h s h u r g r, v æ d d k d y d fr p r w f q l f d g h u i h u q f l d q d C æ æ g h P u r v h r S r f l d E v s h f l d g d S h f u h v u d g h D l u h l v H x p d q r v h D h v h q y r o y l p h q w S r f l d (S D H D S), v h q g r g h d j d g d d f r p s d q k d u h v æ d d k d u h p f d p s r g x u d q v h r s u r f h w r f h q v l w u r .

O fhqvr lqlfd -v h fr p d u i h u l g d S h f u h v u d u h d d " d q g r x p f k d p d p h q w s æ d f r (Fr wædh" d, 2020) s d u d t x h h p s u h v d fr p h| s h u l h s x g h w h p fr q r u h u C r p d f h d e u d r gh fr qvæw, ir u d p u h d d " dgdv u h x q l hv h q w h r v p h v h v gh æ q k r h æ d k r gh 2020 fr p r l q v l w gh fr q k h f h u d i r u p d g h d s d f d r g d s h v t x l v d, d w l p fr p r ds uhvqvæd u d v d hv gh d v h q g l p h q w v PSR q r p x q l f s l r, h y l g h q f l d q g r x p s r x f r v x d v f d u d f v h u w l f d v, r v s r w y h l v g h v d i l r v h e x v f d q g r i d p l d d u " d u d h p s u h v d fr p d v s h f x d d u l g d g h v g d q r v d v h u d .

U p g r v s r q v v h p g h w æ t x h t x h, g h v g h r l q f l r, d j h w r g d S D H D S u i r u r x r l q v h u h w h g h v d i l r g h h æ l e r u d u x p f h q v r g h i r u p d s d u w f l s d w y d, q r t x d o r s r g h u s æ d f r s x g h w h r x y l u h fr qvæd u fr p d fr æ l e r u d r g d v r f l h g d g h f l y l o h, s u q f l s d o p h q v h, g d s r s x æ l r h p v l æ d r gh u x d g h v g h r l q f l r, g x u d q v h, h d w r u h v x æ d g r g r f h q v r . C r p l w r, i r l f u d g r x p j u x s r g h v æ d d k r (G T) fr p r r e r h v l y r g h v x j h u l g h l d v h d f r p s d q k d u x d u h d d " d r, s r w l e l d v æ d q g r, g h i r u p d s d u w f l s d w y d, x p u h v x æ d g r d s u r | l p d g r d r l g h d o O G T i r l i r u p d g r s h æ M l q l w u r P æ d f r E w æ g x d o U q l y h u l g d g h F h g h u d o g r Chdu à N f d r gh P v f r ø j l d C r p x q l w u d, P d w æ u d o g r P r y r gh R x d, P u r r h w C d v d g d S r s d, C r d v l y r A u x d d, M r y l p h q w N d f l r q d o g d P r s x æ l r h p S l æ d r gh R x d, w f q l f r v g r Chqvr P r s h g d v s r o v f d v s æ d f d v, h q w h r x w r v. P d u d G u d q g J x q l r u h w d o (2022), ds uhvqvæd u p hwr gr ø j l d g r f h q v r s d u d s h w r d v h p v l æ d r gh u x d g d u w æ d q v s d u q f l d d r s u r f h w r h d p s d d u r g h e d v h v r e h r v d x w u h v h q y r o y l g r v. N h w h v h q v l g r, r j u x s r g h v æ d d k r v h y h x p g l i h u q f l d o s r l v f d g d h w æ s d i r l d s u h v q v æ g d, g l v x v l g d h d q r v æ g d, f r q v l g h u d q g r d v s h u f h s hv, v x j h w h v, t x h w l r q d p h q w v h h| s h u l q f l d v g r v h q v h v h q y r o y l g r v.

Fr u d p u h d d " d g r v h q f r q v r v fr p d v PSR s d u w f l s d q v h v g r M r y l p h q w N d f l r q d o g d P r s x æ l r h p

Slwxd r gh Rxd (MNPSR), fr dñlyrv, hqvlgdghv h s ur ilwlr qdlv gr vñyl r hvs hfldd" dgr hp der ugdj hp vrfldo (SEAS) gr p xqlf slr s dñd, ds dñlgr p ds dgd flgdgh, ghp dñduhp r v s r qñv gh p dlr ulqflg qfl d gh PSR. O s ur gxw ghvñv hqfr qñv virl r p ds dgd flgdgh glylggr hp 05 glwlvv f hqvlwlr v, fdgd glwlvv uhfhqvhdgr s r uxp d qrlñ h glylggr s r uñwñv (Fr wñdñ" d, 2021). Añ xqv gr v edlur v s huf r ulgr v s hñ ht xls h ir udp Aqwqlr Bh" hñd, Clgdgh gr v Fxqflr q ùrv, Jr dt xlp T yr ùd, Jr v Wdññuh Sds lñdñ d/ Cr lw. Dhñwñd-vñ t xh, s r uñwñp glwñvñv gr Chqñv, r s hñlogdv PSR hñd xp s r xfr glihñqñv, ylñv t xh, hp vx dp dlr ùd, j dqkdyp d ylgd fr p uhflfñj hp, vñkdp xp y qfxñ p dlr ufr p d fr p xqlgdgh, dñ xqv wñdñdñdyp fr p r ylj lñv qrv j dñ hv, hñwñflr qdp hqñv, rilflqdv h, hp wñf d, vñkdp dñwñd" r s dñd gr up lñ vñ dñp hqñv h f xlgdu gd klj lhqh s hñv dñ

Nr s ur fhñv gh fds dñlñd r s dñd ds dñd r gr Chqñv, ir udp ùdñd" dgdv ùxql hv fr p r vñs hñylv ùv (10) h uhfhqvhdgr ùv (60), qdv t xdlv dv ht xls hv ir udp glylgldv, r v glwlvv ir udp ghilqlgr v h ir udp ds ùvñvñv r v fr qflñv dgr vñgr v qd s hñt xlvñ, hñ s dñdñgr r v s ur fhglp hqñv gh wñdñdñr. Rhñdñd-vñ dñ r t xh ir l ghdehñdgr s hñ GT, r dñr ùgr gd fr qñvñd r gdv PSR s dñd wñdñdñdñd fr p r uhfhqvhdgr ùv, ilf dñgr dv ht xls hv fr p s r wñv s r u01 PSR, 02 s ur ilwlr qdlv fr p hñ s hñd qfl d qñ dññqñp hqñv PSR, 02 uhfhqvhdgr ùv lqglf dgr v s hñd hp s ùhvñ h 01 vx s hñylv r u Av fds dñlñd hv ir udp lp s r uñvñv s dñd d lqñvñd r h ùfr qñhñlp hqñv gdv ht xls hv, s r u p r xñv glihñqñldñr l r hñr t xh gh vñdñ r ylyhñldñ qñ t xdoir udp glv s r wñv vñdñ hv s dñd hñf hñd hv, ghedñv h r ùhqvñd hv vr eñ p hñld r gh fr qñdñv t xh s r ùy hñvñd s xghwñp r fr ùhñ Tr gr v s xghñd p dqxvñdñr vñdñwñ s dñd fr qñhñlp hqñv gr vr ivñ ùh gh fr dñvñ gr v gñdgr v h r vñs hñylv ùv s dñlñs dñd lq ñ fr gh xp s u -vñvñ qd Pñd dgr Llf hñ gr Chdu - Jdñdñf dñj d. Af ùvñf hñvñd-vñ t xh, ds dñlñdñv fds dñlñd hv, dv s hñv dñ vñdñflr qdgdv s dñvñdñd dñvñp xqñdñdñv fr p gl ùdv h dññgd gh f xñv s dñd dñp hqñv r h ghvñ f dñ hqñv.

A fr dñvñ fhqñwñd r fr ùhñ hqñv r v gldv 19 h 23 gh mñdñr gh 2021, vñqgr glv s r qñeld" dgr xp ht xls dp hqñv gh ùññu qfl d (CRAS, CREAS, CENTRO POP) s dñd t xh dv ht xls hv s xghwñp vñ r ùj dñl" dñt xdqñv dr s hñf xñv t xh vñdñ ùhñv qñ gld, j xñdñdñvñv s hññqñv, ùdñd" dñdñqñkñv h lñdr edqñhñr. A vñgd fr p r v yñ f xñv hñd ds dñlñdñv 21k, vñx ùwñ ùqñ v 00k r x dr fr p s dñvñdñ s hñf xñv. A hp s ùhvñ t xh p r qñwñ ùdyd yld GPS hñd hñf dññj dgd gh dñwñd" dñr ùwñ ùqñ edvñ r x vr dñlñdñt xh ir vñ ùhñvñd p dñv dñ xp d yñdñghñd. Nr vñd ht xls h ir l r ùhqvñgd d ùdñd" dñhñv s ur fhglp hqñv hp gr lv gldv, ylñv t xh r v s r qñv gh wñwñf dgr v qñ vñkdp lqflg qfl d gh s edñr; dr ùwñ ùdñp r v p dñv vñgh, dv s hñv dñ s ùylwñv ir udp ñ f dñd" dñdñ. Dhñwñd-vñ t xh, r qñgh ñ f dñd" dñdñ -vñ r v dñr ñklp hqñv lqñwñf l r qdlv qñ v glwlvv f hqvlwlr v, hñd ghñvñdñd xp d ht xls h s dñd hqñvñvñdñr v dñr ñklgr v.

A r ùhqvñd r ir l t xh d der ugdj hp ir vñ ùhñvñd hp gñsñd, qd t xdo xp ùj lñwñdyd h r r xñv dñr p s dqkdñd, exvñdñgr dr v ùhñgr ùv p dñv s hñv dñ s dñd s dñlñs dñr fr p dñ xp dv s hñj xqñvñ gh s dñlñd: Qñgh r (d) Su(d) ydl gr up lñkñrñ? Qñgh r (d) Su(d) vñp gr up lgr? Ewñ vr "lqñr (d) r x dñr p s dqkdñr (d)?" (Fr wñdñ" d, 2021, s.14). Cdñr d s hñv dñ p t xhñvñr hñvñhñv gr up lqgr h/r x qñ r fr qñvñ xlvñ ùvñ s r qñhñdr t xhñvñ q ùr, vñdñ r ùhqvñdñr t xh ir vñ ùhñvñ r ùj lñwñ, p dv ghñwñf dñgr hp f dñp s r hñs hñ flfr ghqñp lqdnr: ùj lñwñ s r ur evñdyd r. Rhñr ùgd-vñ gh xp kr p hp fr p ds ùr | lp dñdp hqñvñ 40 dñr v t xh vñ glvñ v d s dñlñs dñp dv qñ r hñd fr p s ùhñqñvñhñvñ gl ñ j r s r ùvñvñdñt xñr wñp l" dñgr hñr hñvñr r ghñl dydr ùñj dñvñ, vñqgr r ùhqvñdñr dr ùhñqñvñdñr ùñj lñwñ -ñ s r ur evñdyd r. Gñdñgh s dñvñ gr s hñf xñv s hñf r ùlgr hñd ùhñvñ d

s , s rlv, q rlvh, hp ghvhp lqdg r v s r qv r v, hud lp s r w y h o l g h q w i l f d u s h w r d v g r u p l q g r q r v f d q w i l u r v, hp edl| r gh p d u t x l v h h d i l q v. Dhwd ir up d, d h t x l s h v h u y h " d y d: x p d g x s æ f d p l q k d y d h r x w d i l f d y d q r f d u r h p e d l| d y h æ f l g d g h i d " h a g r d l g h q w i l f d r y l v x d o N r i r u d p q r w i l f d g d v v l x d h v j u d y h v g x u d q v h h w h v g l d v g h s h t x l v d, p d v i d v r v h v s h u d g r v, v l l v f r p r: s h w r d v f r p w d q w r u q r v p h q w l l v j u d y h v h / r x d s d u h q v d q g r h w d h p v r e h i h l w g h v x e w w q f l d v s v l f r d w y d v, h q y r g y l g d v f r p w i l f r t x h v h d s u r | l p d y d p s d u d h q v h q g h u r p r v l y r g h h w d u p r v q r v h u l w u r q d p d g u x j d g d. Dhw d f d - v h t x h r v x s h u y l v r u h v l q k d p g h s r w h x p l q w x p h q w g h h y r æ r, d g r s d u h f l g r f r p x p g l u r g h f d p s r, q r t x d o h u d s u h h q f k l g r f r p d r u g h p g r v s r q w r v r q g h i r u d p u h d d " d g d v d v d e r u g d j h q v, f r p x q l f d h v t x h s r u y h q w u d i r u d p i h l v d f r p d e d v h h l q w i l u r u q f l d v q d t x h d g l d. R h f r u g d - v h g d s u p h l u d q r l v h, t x d q g r x p d g x s æ g h u h f h q v h d g r u h v i r l d e r u g d u x p d s h w r d h p x p v h u h q r e d g l r, h æ d u h p h w r x x p s h g u h j x d r h s u r i h u x j u l v r v s d u d q r v h d s u r | l p d u p. P r u v r u h, q l q j x p v h i h u x h d f r d w d i r l i h l v d s r u r e v h u y d r.

Cr q f æ g r r s u r f h w r f h q v l w u r, s d w r x - v h s d u d r v h j x q g r p r p h q w r, t x h i r l d s h v t x l v d d p r w d o q r t x d o v h u d g h d q h d g r r s h u l o g d v s h w r d v h p v l x d r g h u d. P d u d h w h p r p h q w r, r j u x s r g h w d e d d k r (GT) s g h f r q v l e x l u f r p d d y d d d r g r t x h w l r q u r t x h v h u d d s d f d g r, v h q g r h v f r æ l g r x p v x e j u x s r g h w d e d d k r f r p h | s h u l w h p s h v t x l v d h w d e d d k r f r p r s e d f r, f r q v d q g r f r p u h s u h v h q v d q v h v: s h w r d v h p v l x d r g h u d, P d w r u d o g r P r y r g d R x d, U q l y h u l g d g h F h g h u d o g r C h d u à N f d r g h P h v t x l v d C r p x q l w u d, u h s u h v h q v d q v h v g r F u x p g h R x d, w d e d d k d g r u h v g r S U A S h S D H D S. E w d h w u d w j l d i r l l p s r u d q v h, s r l v f r q v h j x l x d s u r | l p d u r t x h w l r q u r d a j x d j h p g d s r s x æ r h p v l x d r g h u d. P r u h | h p s æ, i r l l q f æ g r r v h u p r Q p d a j x h d u f r p r h w u d w j l d g h w d e d d k r h u q g d, u h v u d q g r " p h a g l f q f l d " s r u q r v h u x p v h u p r s r s x æ l u p h q v h x l d " d g r h p F r u d d h " d. F r u d p d g l f l r q d g d v s h j x q v d l p s r u d q v h v s d u d r p r p h q w r s d q g p l f r (COVID-19), t x h w w h v g h j q h u r, g h q w h r x w d v s h j x q v d l g l y l g l d v s r u h l | r v v h p v l f r v.

As v d h q w h j d g r s u r g x w i l q d o s h æ h p s u h v d, h p g h " h p e u r g h 2021, d P u h i h l w u d g h F r u d d h " d f r q w x l x r x w r j u x s r g h w d e d d k r f r p w g d v d v h f u h u l d v p x q l f l s d l v s d u d h æ l e r u d r g h x p s æ l q r h p h j h q f l d o f r p r l q w l w g h d v h q g h u v g h p d a g d v u h x o d q v h v g r f h q v r. E p r d q h l u r g h 2022, r p x q l f s l r u h x q l x r j u x s r g h w d e d d k r l q l f l d o s d u d d s u h v h q v l u r v u h x o d g r v g r f h q v r. E p i h y h u l u r g h 2022, r d w x d o s u h i h l w J r v S d u r i h " x p d d y h q d u g h v r f l d o l q w d j u d p (F r u d d h " d, 2022), g l y x g d a g r r v g d g r v d g r p q l r s e d f r, d w l p f r p r d s u r p h w d g h x p r u d p h q w s d u d h | h f x r g h x p s d f r v h g h d h v, q r t x d o v h u d p g h w l q d g r v R \$ 8,7 p l æ h v g h u d l v s d u d d d e h u x u d g h p d l v x p d f r æ l p h q w l q w l w f l r q d o s d u d p x æ k h u v h i d p d d v, p d l v x p h v s d r g h k l j l h q h g l g d, p d l v g h 300 y d j d v g r e h q h i f l r g h æ f d r v r f l d o h d g l r g h p l o u h i h l h v g l u d v. A l q g d h p i h y h u l u r, d S h f u h u l d g h D l u h l v v H x p d a r v h D h v h q y r g l p h q w S r f l d o u h d d " r x x p d d x g l q f l d s e d f d q d C p d u d g r v V h u d g r u h v g h F r u d d h " d, g d a g r g h i h u l p h q w g r s u r f h w r g r f h q v r, e h p f r p r, u i r u d a g r d h | h f x r g r s æ l q r h p h j h q f l d o

## f yÊÖ²íuxÀËy R'ÊvÓÊÊ yÊ

O l l C h q v r G h u d o s d u d P h w r d v h p S l v x d r g h R x d h p F r u d d h " d / C E à 2021 (F r u d d h " d, 2021) d s r q w r x 2.653 s h w r d v y l y h q g r h p v l x d r g h u d. C r q v l g h u d - v h t x h h w h v l s r g h s h v t x l v d q r d g r v l p s d v g h v h u h d d " d y k d r d y l w d t x h v h x r e r h w r g h h w x g r w d q v l w u r, q r v h æ f d d " d a g r h p h q g h u h r i l | r (N d v d d q r, 2016). P r u l w r, g h w d f d - v h t x h F r u d d h " d g h p r q w r x x p g l i h u h q f l d o h p v x d s h v t x l v d, s r l v r l l f h q v r i r l



fr qvwX gr s r up xlvdp r v h s duh ghv s r udt xh dv (dv) t x h ylyhqf ldp dv u x dv w gr v r v gldv, idf l d v l qgr r v h x s u r f h w r . A s r q v l h p r v d p h w gr o j l d s d u l f l s d v l y d q d f r q v w X r gr I l C h q v r G h u d o s d u d P h w r d v h p S l v x d r g h R x d h p F r w l d h " d / C E à 2021.

T u d e d d k d u f r p r v r f l d o u t x h u d f r p s u h q v r g h t x h r v x r h l w v , d f r p x q l g d g h , s u h f l v d p v h u y h " h y r " v r e u h r f r q v h | w h p t x h h w r l q v h u g r v , s u h f l v d p v h v h q v l u s d u l f l s d q v h v h f r q v l e x l q v h v g r s u r f h w r h , p d l v d l q g d , d f u h g l v d u t x h v o d r w d u r v u h v x o l g r v t x h g h i d w q h f h w l v d p , f r q i r u p h v x d u h d d g d g h . C r p l w r , d s u | l v g d p h w gr o j l d s d u l f l s d v l y d v h p r s d s h o g h i d f l d v l u d f k h j d g d g h w h r e r h w l y r , i r p h q v l q g r h v s d r g h f r q v w X r f r d v l y d , w p d g d g h f r q v f l q f l d g r v g l u h l w v h q h f h w l g d g h v , i r w l d h f h q g r r v x r h l w v v r e u h d v s r v h q f l d d g d g h v h l l w h q v h v q r j u x s r . A s d u l u g h w l d q k d g h u d f l r f q l r , X l p h q h v h w d o (2017) h l s u h w d t x h d p h w gr o j l d s d u l f l s d v l y d v h q g h d i d y r u h f h u r i r w l d h f l p h q v r g d l g h q v l g d g h s h w r d o f r d v l y d r x f r p x q l w u d , q d g l u h r g h s u r f h w r v g h d x w q r p l d . Q x d q g r q r v u h i h u p r v w p d g d g h f r q v f l q f l d , s r v y h o s h q v d u q x p f d p l q k r s d u d d e h u d r , o q j h g h f r q v w X h v t x h f h u f h l d p d x w q r p l d g r v x r h l w h g l v d p g h t x h i r u p d g h y h p h l l w l u A p h w gr o j l d s d u l f l s d v l y d s r g h v h u y l w l h p w l v p r p h q v r v q r I l f h q v r : f r q v w X r gr G T g h T u d e d d k r , h v f r o k d g h s h w r d v h p v l v x d r g h u d f r p r u h f h q v h d g r u h v h l q f r u s r u d r g h v h p v l f d v q r t x h w l r q u r .

O G T f r q v l e x l x s d u d t x h r I l C h q v r i r v h d g d s v o l g r q r w d u h d d g d g h , f r p d f d u d g d q r w d v h u d , d v l e x l q g r s h f x d d l u g d g h v t x h v d t x h d v t x h w d e d d k d p f r p r s e d f r r x h w r h p v l v x d r g h u d h p F r w l d h " d s r g h u d p s u s r u f l r q d u O j u x s r g h w d e d d k r v x j l x d s d u l u g h w h g l o j r f r p d h p s u h w d t x h u h d d " r x d s h t x l v d , h d f d g d h v o l d g h s o l q h r d p h q v r h h l h f x r g r f h q v r , r j u x s r h u d f r q y r f d g r s h o l P u h i h l v x u d s d u d w p d u f l q f l d , i d " h u v x j h w h v h d f r p s d q k d u r s u r f h w r , g d q g r h v s d r s d u d t x h i r w h p g l v f x v l g r v h t x h w l r q d g r v r v s u r f h g l p h q v r v . D h w h p r g r , r I l C h q v r s d u d P h w r d v h p S l v x d r g h R x d h p F r w l d h " d à C E à 2021 f r q v h j x l x d j u h j d u y u d v i u h q v h v , f r p r p r y l p h q v r v r f l d l v , d s u s u d s r s x o l r h p v l v x d r g h u d h s r g h u s e d f r , s d u d t x h d s h t x l v d j h u d w h u h v x o l g r v d s d u l u g h x p d p h w gr o j l d s d u l f l s d v l y d h s x g h w h d v h q g h u s r s x o l r .

U p s r q w s r v l w l y r g r j u x s r g h w d e d d k r i r l d v x j h w r g h t x h s d u h g d v y d j d v q r s u r f h w r f h q v l w l r i r w h p g h w l q d g d v v s h w r d v h p v l v x d r g h u d s h o v v h j x l q v h v p r v l y r v : s u r f h w r g h l q f o v r v r f l d o g l u h l w v , r s r u x q l g d g h , f r q k h f h u g h s h w r r v v h u l w l r v , v h u i d f l o g d g h g h d f h w r d r v o f d l v h v d e h u r g l d d h w g d v u x d v . A v s h w r d v h p v l v x d r g h u d i r u d p v h o f l r q d g d v s h o v f u l w l r v g h h w l h p y l y h q g r r x v h q g r v x s h u d g r d y l y q f l d g h u d , d w l p f r p r v l y h w h p d o j x p v l s r g h l q v h u r q r v h v s d r v g h o v l h u h l y l q g l f d h v , f r p r r M N P S R .

N d s h t x l v d f h q v l w u d , k r x y h x p p r p h q v r g h v h q v r q r t x d o v h d y d q w x d g l v f x w r v r e u h d l q f o v r g d s h j x q v l v r e u h r u h q v l r v h l x d o q r t x h w l r q u r . P d u d M d f k d g r (2022), f r q v h l v x d d " d u d s r s x o l r L G B T Q I A + h p v l v x d r g h u d ( P S R + ) x p d w x q w f r p s d l r h d r p h v p r v h p s r g h v d i l d g r u g h v h g h e d h u s r l v r v x r h l w v r i u h r x w d l p s d f d h v s r u x d r u h q v l r v h l x d o h l g h q v l g d g h g h j q h u r , w l l v f r p r k r p r i r e l d , g l v f u l p l q d r , h w l j p d s h o l q v h q v r s u h f r q f h l w . D x u d q v h d v f d s d f l v l h v , u h s u h v h q v l q v h v g r M N P S R v x e l u d p q r s o l w h u h l y l q g l f d u d p d l q f o v r g d s h j x q v l v r e u h j q h u r . O d w x q w i r l d y d g r S D H D S , n a q v l p h q v h C o l w g h D l u h l w v H x p d q r v h , d s v d d s u h v h q v l r g r v d j x p h q v r v w f q l f r v , d s h j x q v l i r l d g h u l g d s h t x l v d .

Alqgd v r e u h d s d u l f l s d r d l y d g r j u x s r g h v a d e d d r , i r l l p s r u a l q v h d r s r u x q l g d g h g h u h y l v d u h l q v h u l u s h j x q v a d q r t x h w l r q u r d p r w a d o f r p r t x h w h v v r e u h r u h q v a d r v h l x d o s r e u h " d p x a l g l p h q v l r q d o v d g h ( C O V I D - 1 9 ) , g l u h l w v k x p d q r v , v h j x u d q d , p r g r v g h h q i u h q v a d p h q w g d v l v x d r g h u x d , h q v h r x w r v , s d u d t x h i r v h p f r d h v a d g d v d u h d o g d g h d u x d o d s d u l u g h y u d v v h p v l f d v t x h d i h v a d h w d v s h w r d v h p h l v h p d s r e u h " d .

## Q A A E ' x y E u y E T ' A u ' E

C r q v l g h u d - v h t x h x p d s h v t x l v d f h q v l w u d s d u d s h w r d v h p v l v x d r g h u x d d o r g l i f l o g h s a l q h r d u h h l h f x v a d u g h y l g r v h x r e r h w g h h w x g r q r v h u x p h q g h u h r i l l r , s r u p q r d o r l p s r w y h o U p d r a v l i l f d l y d f r p r h w d t h i r u d d h l f a v r v r f l d o g l v l p l q d r h l q y l m e l d o g d g h . O l l C h q v r G h u d o s d u d P h w r d v h p S l v x d r g h R x d h p F r u a d h " d / C E a 2 0 2 1 p d w u d y l d g h f r p r x p d p h w g r o j l d s d u l f l s d l y d f d s d " g h p l q l p l " d u g l i l f x a d g d h v h f r q v h j x l u f k h j d u d r v h x s e d f r - d q r .

O j u x s r g h v a d e d d r f u d g r q h w h s u r f h w r s r w l e d w x i r u a d h f l p h q w h d j l m p l g d g h v g h f l v h v w p d g d v q d h l h f x r g r f h q v r . A s d u l f l s d r g d v s h w r d v g r M N P S R v h y h r s d s h o g h p r q l w a d u h d s r q v a d s r w y h l v s r q w v f h j r v t x h r f r u h u d p , y l w r t x h v l q k d p g l i h u h q v h v r d k d u h h h / s h u h h v , i d f l d v a d q g r r g l o j r h d s l p r u d q g r i u d j l a d g d g h v . A s d u l u g h w h v g h v d i l r v , f r q v l g h u d - v h t x h h w a d s h v t x l v d v h p x p f d u v h u l q r y d g r u A d v h q r h p f r q w a l u x p t x h w l r q u r i l h o h p s r q w v u h d y d q v h v s d u d r s e d f r , f r p d a j x d j h p d g d s v a d g d , h d e r u d q g r s u r e d h p d v y l y h q f l d g r v , x p d i r u p d g h g l u h f l r q d u d v s r o v l f d v s e d f d v s d u d v x d v y h u g d g h l u d v q h f h w l g d g h v .

F r u d p l g h q v l i l f d g d v g l i l f x a d g d h v t x h t h i r u d p d q h f h w l g d g h g h g l v f x v l u p d l v v r e u h d a v a d h j d u d q v l d g h h v s d r g d v s h w r d v h p v l v x d r g h u x d , t x h g h y h p v h u y l w a d h l q v h u l g d v h p w r g d v d v s r o v l f d v s e d f d v . O u h i h u l g r f h q v r v h y h d A w l w q f l d S r f l d o f r p r f r q g x w a d g h w g r r s u r f h w r h q r k r x y h s d u l f l s d r d l y d g d v g h p d l v s r o v l f d v s e d f d v , r t x h g h q x q f l d x p d i u d j l a d g d g h t x h q r q r y l g d g h , p d v t x h s u h f l v d v h u u h w d a d g d s d u d t x h v h j d u d q v a d h d j l m p h p r v g l u h l w v l q v h j u d l v g h w a d s r s x a d r .

A s v x p d q r g r s a l q h r a d p h q w h u d d " d r g r l l C h q v r G h u d o s d u d P h w r d v h p S l v x d r g h R x d h p F r u a d h " d / C E a 2 0 2 1 , f r q f a l - v h t x h v x d h l h f x r i r l e h p - v x f h g l g d , s r l v p x l w v d s r w a d u p h p v h x s u r f h w r d s d u l u g d p h w g r o j l d s d u l f l s d l y d . A v d h v d l q g d h w r h p s u r f h w r g h u d d " d r , g d q g r p d j h p s d u d d f r q f h s r g h t x h d e x v f d s h a d j d u d q v l d g r v g l u h l w v g d v s h w r d v h p v l v x d r g h u x d h l l w h , p d v s u h f l v d g h i r u a d h f l p h q w s d u d t x h d y d q f h h v h f r q f u h w " h .

## f y z y E A w u E

D q f s y f v r / V 1 F 1 D g v j z / G 1 S 1 ( l f w i x / D 1 D 1 - 5 3 4 8 , 1 S j x t f x j r V r y z f t i j U z f i f x W i q y v i x i j H s h q x t V t h r i q f t x S w h j x t x H f s h r u f y v i x i j l t w f t i j F t s x h n s h r i / l i j s y n i f i j j V j s y n j s y t i j S j v j s f 1 U j l n x f F t q r g r i s f i j S x r h t q l r i / 5 7 - 4 , / 4 5 < 0 4 7 6 1 i t n 4 3 1 4 8 7 7 9 2 h u l 5 7 s 4 1 7 3 9 8 <

E v i x r a f 5 3 3 ; , 1 U z f / f u v j s i j s i t f h t s y f w S j x v z r x f Q f h n s f q x t g v j f S t u z d t j r V r y z f t i j U z f 1 E v i x q f = P r s n x y v i t G j x j s l t q m j s y t V t h r i q f F t r g f j l t r j 1 n y y u x 2 2 ~ ~ ~ r i x l t l t g v a ~ j g f w z r l t x 2 u z g a n f h f t 2 f x r x j s h r i d x t h r i q 2 0 l w x 2 U z f d f u v j s i j s i t d f h t s y f v l u i k

G j h y j t s 1 : B 8 6 / i j 5 6 i j i j " j r g w i j 5 3 3 < 1 l s x y r z n f S t q r h f Q f h n s f q u f v i f S t u z d t j r V r y z f t

ij Uz f j x j z F t r ry l s j w j y t w f q j D h t r u f s n f r j s y t j P t s r y t w r j s y t / j i t z y w f x u w | n s h r f x 1

nyux=22~1t f s f q t 1 t | b w h h h r m j 362 d f y t 533: 053432533<2 i j h w j y t 2 i : 386 h y r

H k r j w f q t / D 1 l 1 O Y ( [ m j s j x / Y 1 P 1 - 5 3 5 5 , 1 v j v j x x y n e r t i t x i j | n f i j r z a n j v j x j r x y z f t i j v z f 1  
l s Y 1 P 1 [ m j s j x / D 1 l 1 O l H k r j w f q t / ( F 1 H l H k r j w f q t l r a n t - R w x ) / Y n j w s f x v z f x = W f q y w f x / i j x f k t x j v j x x y s h r f x  
- u u 1 4 6 < 0 4 8 < , 1 l t w f q j " f / F H H S u v j x x t J w k h f j H r y t w 1

H k r j w f q t l r a n t / F 1 H Y ( [ m j s j x / Y 1 P 1 - 5 3 5 5 , 1 G n j r y t x n z r f s t x j s v z f s y t i m j s x t i f u t g v j y " f i j  
u j x t f x j r x y z f t i j v z f 1 l s Y 1 P 1 [ m j s j x / D 1 l 1 O l H k r j w f q t / ( F 1 H l H k r j w f q t l r a n t - R w x ) / Y n j w s f x v z f x =  
W f q y w f x / i j x f k t x j v j x x y s h r f x - u u 1 5 6 < 0 5 9 8 , 1 l t w f q j " f / F H H S u v j x x t J w k h f j H r y t w 1

l f w f x / P 1 - 5 3 5 3 , 1 S w g g r f y 1 f w f x v j q h n t s j x x u f h n t O z q y t O x y z f h n s i j h f q j - j q h f x t i j q f j s x t S t u z d w  
j s E z j s t x D n j x 1 U j | n x f F t q r g n i s f i j V t h n t q l n i / 7 6 - 5 , / 5 4 8 0 5 6 : 1 i t n = 4 3 7 3 3 3 2 w h x 4 3 < 7 ;

l t z h f z q / P 1 - 5 3 3 8 , 1 H i j k x f i f x t h j i f i j = F z w t s t F t q l j i j l w s h j - 4 < : 8 0 4 < 9 , 1 - 7 f j i 1 1 ' Y j w t  
i n r y f q j r D i t g j U j f i j w l n y u x = 2 2 f t h f r m j u j s s f k q x t - t w u v j x x h t r 2 5 3 4 ; 2 3 8 2 k z h f z q 0 m m j q r 0 j k x f 0 f 0  
x t h j i f i j l u i k

J w f s i M s n w M U Y J t s " f l f / M U 1 J Y ( D q j n i f / W K 1 - 5 3 5 5 , 1 P f u j f r j s y t i f u t u z d t j r x y z f t i j  
v z f s f h n i j i t U n i j M s j n w = z r f u w r u t x y f r j y t i t q l h f 1 U j | n x f l w s h t E v f x r q n w i j J j t l w k n i / 8 8 l i t n =  
4 3 7 3 3 3 2 h t s k s x 7 9 9 ; 3

l s x y z y t E v f x r q n w i j J j t l w k n i j H y f y x y h f ' l E J H l - 5 3 5 5 , 1 F t s m j f F n i f i j x j H y f i t x i t E v f x r q n t w f q j " f 1  
nyux=22 h n i f i j x 1 q l j 1 t | b w g w f x r q h j 2 k w f q j " f 2 u f s t w r f

Q r j x / W l - 5 3 5 3 , 1 Q t x q n j x i f n z r f s n i f i j = j h w r u t q y h f / i n j r y t x n z r f s t x j r q l r g r a n j i j j x y f q s t  
E v f x r q / Q r j w x j r n s j r y n t b U j | n x f F w y n h f i j F n s h r f x V t h n i x / 4 5 6 / 5 : 0 7 9 l i t n = 4 3 7 3 3 3 2 w h x 4 3 < 7 ;

P f h n f i t / U 1 Z 1 J 1 - 5 3 5 5 , 1 S t u z d t Q l E W l D . j r x y z f t i j v z f = x x x y s h r f x t h f q j r i j g f y j 1 U j | n x f  
J s j w / 5 5 - 5 , / 5 < 0 8 4 1 n y u x = 2 2 u j w i n t x z k k b w l j t l w u m f 2 f w h q 2 j n ~ 2 7 : 9 4 3

Q f y q s t / P 1 D 1 F 1 - 5 3 4 9 , 1 H y m f y n f i f S t u z d t j r V r y z f t i j U z f s t E v f x r q Y j w t i n r y f q j r D i t g j  
U j f i j w l n y u x = 2 2 v u t x r y t w h u j f 1 t | b w g n x w j f r 2 4 4 3 8 ; 2 5 : < 2 4 2 i d 5 5 7 9 l u i k

Q z s j x / Q 1 U 1 D 1 F n s f h m d J Y U f r t x / W U t i w h z j " / D Y ( P f y t x / E 1 - 5 3 5 4 , 1 S t u z d t j r V r y z f t i j U z f  
j r y r u t x i j u f s i j r n i f F t | n 0 4 < ' Y j w t i n r y f q j r D i t g j U j f i j w l n y u x = 2 2 ~ ~ 1 i n t w l u z h 0  
w h b w r j i n i 2 S t u z d ' F 6 ' D : ' F 6 ' D 6 t ' 5 3 j r ' 5 3 x y z f ' F 6 ' D : ' F 6 ' D 6 t ' 5 3 i j ' 5 3 v z f d g t t p l u i k

S v j k j r y z w i j l t w f q j " f 1 - 5 3 5 4 , 1 U j q y w i t F j s x t J j w f q i f S t u z d t j r V r y z f t i j U z f i f F n i f i j i j  
l t w f q j " f ' U j q y w h s h n t b h y u x = 2 2 j x s | t q m j s y t x t h n i q t w f q j " f h j 1 t | b w 2 m f l j x 2 U j q y ' F 6 ' E 6 w d F j s x t d 0  
d D y z f q i f i t d h t r u v j x x j i l u i k

S v j k j r y z w i j l t w f q j " f 1 - 5 3 5 5 , 1 S v j k j r y t f s z s h r f u f h t y i j f j x j r j w j s h r f x u f w f u t u z d t j r  
x y z f t i j v z f i f F f u r y f q n y u x = 2 2 ~ ~ 1 t w f q j " f h j 1 t | b w 2 t y n h r x 2 u j k j r y t f s z s h r f u f h t y i j 0 j q h t j x 0  
j r j w j s h r f x u f w f u t u z d h f t Q r O x y z f h f t 0 j 0 z f 0 f 0 h f u r y f q

U r g j n w / G 1 P Y v q f / D 1 Y 1 l Y U t h n f / P 1 E Y ( Q t g v j / P 1 W l - 5 3 5 5 , 1 S v j h f w f t i f Y n i f s f x U z f x j r F j s w  
S f s i r n t 1 U j | n x f S t q x j S x r v z j / 4 5 - 4 , / 9 9 0 < 7 l i t n = 4 3 5 5 7 8 9 2 5 5 6 ; 0 4 8 5 [ 4 5 3 4 5 9

U t i w h z j x / O 1 Y 1 E 1 S 1 - 5 3 3 8 , 1 Y n i f s f x v z f x / h w t x j r u j w z w t x s t h t y n i n s t i f h n i f i j - 4 Y j i j  
i t z y t w i t / X s n j w n i f i j l j i j w f q i t F j f w / l t w f q j " f , 1

nyux=22 j u t x r y t w h k k b w g n x w j f r 2 w k h 2 4 7 < 3 2 4 2 5 3 3 8 d W W H O Y E S U R G U U X H V l u i k

i t x V f s y t x / U F 1 P 1 ( [ m j s j x / P 1 Y 1 5 3 5 7 ,

U t x f / D 1 V Y ( E w y f x / D 1 F 1 S 1 D 1 5 3 4 8 , 1 D | n t q s h f s f | n f i j r z q n j y x j r x y z f t i j v z f s f h n i f i j i j  
V t S f z q 1 l s y v f h j = F t r z s n f t / V f i j j H i z h f t / 4 < 8 6 , / 5 : 8 0 5 ; 8 1 i t n 4 3 4 8 < 3 2 4 ; 3 : 0 8 : 9 5 5 3 4 7 B 5 5 4

V f s y f s f / Y Y ( F f x y q w P 1 5 3 4 7 , 1 D S t u z q t j r V y z f t i j U z f j f q y f u j q h n i f i f s n i 1 U j | x y f E f n f s f  
i j V f i j S g q n f / 6 ; - 5 , / 6 8 : 0 6 ; < 1 i t n 4 3 5 5 5 : ; 2 5 6 4 ; 0 5 9 9 3 5 3 4 7 1 6 ; 5 5 f 9 : ;

[ m j s j x / Y 1 P 1 Q r t x / H 1 F 1 V q f / D 1 P 1 V 1 D g y j z / P 1 N 1 D 1 H r j v q t l n p t / F 1 H Y ( J t r j x / O 1 P 1 5 3 4 : , 1  
V f i j F t r z s r y v f j S x n t q l n i F t r z s r y v f = z f x h t s y w z n j x x r j y t i t q l n i x u f y n h u f y p f x 1 U j | x y f S x n t q l n i  
j r S j x v z n f / 4 4 - 5 , / 7 0 4 6 1 i t n 4 3 5 7 ; : < 2 5 3 4 : 3 3 4 4 3 3 5 3 3 4 9 4



# a ShOdgvQc \_c UW S SdWghSa c \_c UVOH SRSTWWRc Tf c bhSWOg bO dgWOb \_WSTf Si RWbO

METAPSYCHOLOGY AND EPISTEMOLOGY: REDEFINING BOUNDARIES IN FREUDIAN PSYCHOANALYSIS

r s ó Lê p t Ló s L p p

f yÉÓ<sup>3</sup> À

Ewh duij r h|søud d irup d r gd svlf dq ðvh frpr xp d qryd uhd gr frqkhflp hqwr, xvlð“dqgr xp d dq ðvh txdðvðlyd edvhgdg hp vñ|wv gh Slj p xqg Fuhxg h frqwl exl hv gh hwxgr vr v gd hs lwnp r øj ld s vlf dq d v f d. E| dp lqdr fr qvñ|w hs lwnp r øj lfr h klw ufr gd hp hj qfld gds vlf dq ðvh, ghvðf dqgr d lqia qfld gd irup d r glyhuilf dgd gh Fuhxg qd vxd hwx vx ufr qf hlv d p duf dgd s hæl iur qvñud hqvñ ghvdlr vfoqlr v h vñ ufrv, h d elixuf d r hqvñ fxøxud h fl qfld. O hwxgr uhvðv d p hvðs vlf r øj ld frpr vrø r hs lwnp r øj lfd t xshup lwx d Fuhxg dydq du qr frqkhflp hqwr svlf dq d v f r, vxshuqgr d glfr w p ld hqvñ fl qfldv qdvx udlv h kxp dqdv gh vxd s r f d. Ewh vðeddr uhðydvñ s dud lxp lqdu frpr dp hvðs vlf r øj ld fr qvñ exl s dud d fr qv r dgd r gds vlf dq ðvh frpr xp fdp sr gh hwxgr glwlqwr, lqia hqfldqgr surixqgd hqvñ d frpr s uhqv r fr qvñ sr u qhd gdp hqvñ kxp dq d vx dvfr p s ð| lgdgh.

**du²uÖÉuÉw-uÖyH** Pvlf dq ðvh; Es lwnp r øj ld Pvlf dq d v f d; Mhvðs vlf r øj ld; Hlwr u dgd Pvlf dq ðvh; Slj p xqg Fuhxg.

OvÉÉwí

Tklv duif ðh h|søuhv vkh irup dvlr q ri sv fkr dq d vlv dv d qhz duhd ri nqrz ðgj h, xvlqj d txdðvðlyh dq d vlv edvhg r q vñ|w e' Slj p xqg Fuhxg dqg fr qvñ exlv r iurp vfrælv ri sv fkr dq d vlv f hs lwnp r øj '. lw h|dp lqhv vkh hs lwnp r øj lfdodag klw u f d o fr qvñ|w ri vkh hp hj hqf h ri sv fkr dq d vlv, klj kðj kvlqj vkh lqia hqf h ri Fuhxg glyhuñ vdlqlqj r q lw fr qfhs vx d v w f vx u h, p dunh g e' vkh er ughuehvz hhq f dqlf d o d q v k h r u h v f d o f k d o h q j h v, d q g v k h e l i x u f d v r q e h v z h h q f x ø x u h d q g v f l h q f h. T k h w x g ' k l j k o j k w p h v s v f k r ø j ' d v d q h s l w n p r ø j l f d o v r ø v r q v k d w d ø z h g F u h x g w d g y d q f h l q s v f k r d q d o v f n q r z ð g j h, r y h u r p l a j v k h g l f k r w p ' e h v z h h q q d v x u d o d q g k x p d q v f l h q f h v r i k l v v p h. T k l v z r u n l v u h ð y d q w w l ø x p l q d v h k r z p h v s v f k r ø j ' f r q v l e x v h g w v k h f r q v r d g d v r q r i s v f k r d q d o v l v d v d g l w l q f w i l h g r i w x g ', s u r i x q g o l q i a h q f l a j v k h f r q v n p s r u d l x q g h u v d a g l a j r i v k h k x p d q p l q g d a g l w f r p s ð| l v h v.

**ZyaÜAÉxÉH** PV fkr dq d vlv; PV fkr dq d vlv Es lwnp r øj '; Mhvðs v fkr øj '; Hlwr u ri PV fkr dq d vlv; Slj p xqg Fuhxg.

Gtzyt vñsifjr Sxht qlñ uj ð  
Xsrhj wñfij lji j vñqj V t M t t  
ij ðUj r f t s y f t =  
j ð p y v ð C ' f n t t h r t g w

Gtzyt vñsifjr Sxht qlñ uj ð  
Xsrhj wñfij lji j vñqj V t M t t i j ð  
Uj r f t s y f t =  
vñs y f h l t s h f d j x C m t y r f r ð h t r

Gtzyt vñr Sxht qlñ uj ð  
Xsrhj wñfij lji j vñqj V t M t t  
ij ðUj r f S w k j x t v s t F j s y w  
Xsrhj wñr vñ S v j x n j s y V l s h v i t  
ij D a j n i f Q j l j x l f t s y f t =  
y n f d j x f d j y t < 7 C l r f r ð h t r

Gtzyt vñr k r ð x t k f i u j ð  
Xsrhj wñfij lji j vñqj V t F f v ð x  
-X l V F f v S, j u w k j x t v t  
S w l v r f i j S x o l v i z f t j r  
Sxht qlñ i f Xsrhj wñfij lji j vñq  
ij V t M t t i j ðUj n X l V n p J, l  
F t s y f t -H f r n C z k d j z t g w

r M f M t S j i w  
V f s y f s f P t y f

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ä f5624525357

p ðvñt i t w / H l Y j t s f d j x / U l  
F l t s x j h f / W f n f j x / Z 1 F 1 - 5 3 5 7, 1  
P j y f u x h t q l ñ H H u x j r t q l ñ =  
U j i j k s r s i t l w s y n v x Q f  
S x h t f s d j l v j z i n s f l P t x f h t =  
H y z i t x j r S x h t q l ñ / 4 5 - 4, / 5 8 0 6;



## WÍFÉAXÓ A

Ó hp y r t x h y d j d l v h q w h d v f l q f l d v: f d g d t x d o d s u h q g h v r p h q v h d t x l o t x h s r g h d s u h q g h ú (G r h v k h d s x g F u h x g, 1925/2011, s. 79).

A i u d v h d f l p d f r u h v s r q g h d g y h u w q f l d g h M h i l w i h d v h p *F d x w w í* h i r l f l v d g d s r u F u h x g q d v s u p h l u d s j l q d v g h v h x v h | w d x w e l r j u i l f r . l q v h u h w d q v h t x h h d h v h q k d f l v d g r n a w d p h q v h d q v h v g h d s u h v h q v u v h x s h u f x u w s h a d v f l q f l d v g d q d v x u h " d , f d p s r q r t x d o v x d n a y h q v x g h d q v r v d d k h i h " v d k d y p d v t x h d g h v r e h u d g h v x d v s h f x d d l u g d g h v h d p l v d h v g h v h x v g r q v d k h v h q k d q h j d g r v x f h v r . N d v s d a y u d v g r p h w h g h V l h q d , y h p r v x d s h u f h s r d f h u d g h x p d g l y l v r v l j q l i l f d v l y d t x h p d u f d y d r s h u r g r : r d e l v p r h q w h d v f l q f l d v q d v x u d l v (*N d v x u z l v h q v f k d i v h q*) h d v f l q f l d v k x p d q d v (*G h l v h v z l v h q v f k d i v h q*). F u h x g , d r o q j r g r g h v h q y r o l p h q w g d s v l f d q d v h , r s w x s r u q r g h w d f d u h | s d f l v d p h q v h h w d g l f r w p l d . C r q w g r , h w d v h s d u d r i x q g d p h q w d o l q i o x h q f l r x s u r i x q g d p h q v h v h x s h q v d p h q w g h v g h r l q f l r , v x v l q p h q v h h q w h a d d a g r - v h f r p r v i x q g d p h q w v g d s v l f d q d v h , d s h v d u g h v h x v h v i r u r v s d u d q d y h j d u v h p h q i d w " d u v d o f l v r .

L r j r , q r s d u h f h h | d j h u r d i l u p d u t x h d s v l f d q d v h , v h p h a k d q v h i r u p d r g h F u h x g , l q v f u y h - v h h p x p d g l y l v r . P d u d d o p g r i r f r q r v a d e d d r f r p d f r q w d g l r , d k l w u d g h i r u p d r g h w d u h d g r f r q k h f l p h q w , h a d p h v p d , p d u f d g d s h a d p e l y d o q f l d . A q v h v g h L d f d q v l x d u d s v l f d q d v h h q w h r p d v h p d h r s r h p d , F u h x g m q d y h j d y d k d e l o p h q v h v r e u h i l r g h x p d q d y d k d h s l w h p r o j l f d , p l w x u d q g r s h v t x l v d i l v r o j l f d h d q d w p l f d , f l q f l d h | s h u p h q v d o h f o q l f d p g l f d , e l r o j l d h s v l f r o j l d , v h r u d o f d d " d f l r q l w d h i x q f l r q d d o w d , d u h h f l q f l d , q d v x u h " d h f x o x u d , s u v l f d f o q l f d h h v s h f x a d r p h w d s v l f r o j l f d , h l v t x h F u h x g f r o f d v x g r h p x p j u d q g h f d o g h l u r v h p h a k d q v h d r g d B u x | d g d k l w u d g r *F d x w w* g h G r h v k h , f r p r h d h p h v p r p h q f l r q d , h r u h v x o d g r , g h v f u y h l d q q l q l (2017): Ó x p d f x u r v d f r p e l q d r g h s u h v h q v r h s l w p l f d u h s r x v d g d q r p r g h o q d v x u d o w d g d f l q f l d h g h f r q i l d q d l q d e d o y h o q r y d o u f r j q l w y r h k h x u w l f r g d i l f r h g r p l w í (s. 91) t x h e d d " d d s v l f d q d v h g r l q f l r d r i l p .

E q w h v d q w , v d e h p r v t x h F u h x g q r v h i x u d g h d v l e x l u s v l f d q d v h x p y d o u f l h q w i l f r , d o p g h d i l u p d u v h w d v d u g h x p d f l q f l d f x o l y d g d q r v r o g d v f l q f l d v g d q d v x u h " d . N h w h f r q v h | w , t x h w l r q d p r v : f r p r d p h w d s v l f r o j l d i u x g l d q d , h q w h a d d a g r f l q f l d h f x o x u d , u h g h i l q h r v d p l v h v g d s v l f d q d v h g h v d i l d x p d g l f r w p l d v d g l f l r q d o h q w h f l q f l d v q d v x u d l v h k x p d q d v ? E w d s h y x q v d r u h q v d q r v d l q y h w l j d r , g d g d d l p s r u w q f l d g h f r p s u h q g h u r f d u v h u f l h q w i l f r h d p h w g r o j l d g d s v l f d q d v h s d u d d y d d d u v x d u h o y q f l d h d s d f d e l d g d g h h p f r q v h | w v f r q v h p s r u q h r v .

i d w t x h d g l v f x w r h p w u q r g d r e u d i u x g l d q d h g h v h x p r g r g h s u r g x r g r f r q k h f l p h q w h q y r g y h d v s h f w v e h p p d l v f r p s d f d g r v g r t x h d p h u d o f d d " d r g h x p f r q n a q w g h v h u p r v w f q l f r v d s d f d g r v v f l q f l d v g d q d v x u h " d r x v f l q f l d v g r h v s u w (f l q f l d v k x p d q d v), g x d d v p r p h w g r o j l f r t x h i h y l d k d y d q r d o y r u h f h u g r s h q v d p h q w g h F u h x g , s h u p d q h f h q g r y l y r v d p e p g x u d q v h w g r r s h u r g r g d f r q w l x l r g r v f k d p d g r v f r q f h l w v i x q g d p h q w d l v g d s v l f d q d v h . P d u d S l p d a n h (2009), h w d g l y l v r p h w g r o j l f d h w w r d u d l j d g d q r p r g r g h v h s h q v d u t x h d l q g d k r r h s h u p d q h f h s u h v h q v h . P r u h w d u d " r ,

hp er ud q r v h r d r i r f r g h w h v h | w d s u r i x q g d v h q r v g h v d k h v g h w d g l v f x w r , l p s r u d q v h r i h u f h u x p s d q r u d p d e v l f r g h w d v g x d v y h u h q v h v h s l w p l f d v .

Avfl q f l d v g d q d v h " d v h s u s h p d v d e d d k d u f r p x p d s d u h g d y l g d t x h r k r p h p q r f u l r x , w d v d v h , s r l v , g h x p d s d u f h a d s d v y h o g h v h u p h g l g d h f d f x a l g d , r t x h s h u p l v h r e v h u y d u h g h v f u y h u l p s d u f l d q h q v h r v i d v v , p r v l y r s h o t x d o h w d v f l q f l d v h u d p j d u d q v l g r v h x h w d v x w . S h j x q g r l d q q l q l , v h x v p r g h o v t x h h | s u h w d p j u d q g h u j r u h f l h q v l f l g d g h , O t w l p f r p r v h x v l q w x p h q w v g h t x d q v l f d r g r v g d g r v f r d k l g r v q d i d v h | s h u p h q v d o ( l d q q l q l , 2017 , s . 110 ) v r w p d g r v s u q f l s d q h q v h g d i v l f d p d v h p d w ' d g d , h q t x d q w d v f l q f l d v k x p d q d v O h r f x s d u d p g r p h l r s u v l f r g d y l g d , g r p x q g r f u d g r , k d e l v d g r h v d q v i r u p d g r s h o s u s u l r k r p h p , l w r , d v r f l h g d g h v , d k l w u d h r v l q g l y g x r v i ( l d q q l q l , 2017 , s . 110 ) . E w h r e r h w s u s u l r g d v k x p d q l g d g h v h | l j h r x w r v p w g r v l q y h w l j d v l y r v , d w l p , O d v h j r u d v f r p r k l w r u f l g d g h , v l j q l i l f d r h l q v h u s u h v d r , d g y l q g d v h r d g d H l w u d , g d F l o r j l d , v h r d g d T h r o j l d , s d w d p d v h u d o h u d v l y d v d r p r g h o p d v h p v l f r h d r p w g r h | s h u p h q v d o ( l d q q l q l , 2017 , s . 111 ) .

O e y l d p h q v h , h w h v q r y r v p r g r v g h v h s u r g x " l u f r q k h f l p h q w j h u d u p h d l q g d j h u d p j u d q g h v g h e d v h t x d q w d r h w d v x w g h f l h q v l f l g d g h g d v f l q f l d v k x p d q d v , s u q f l s d q h q v h h p g h f r u q f l d g d v f u v l f d v g r v i l v f d d v d v d d h p h v h i u d q f h v h v g r v f x o X I X . N r f d p s r g d s v l f r o j l d , h w d g l y l v r v h p r w r x k l w r u f d p h q v h d l q g d p d l v f r q w d s u r g x f h q v h , f r p x p d i u d j p h q v d r t x h r v f l a d g h d e r u d j h q v p d l v l q f d q d g d v d r q d v x u d d v p r f r p r d s v l f r o j l d e h k d y l r u v d , f r j q l v y d h h y r o f l r q l w d d d e r u d j h q v t x h v h d i l q d p p x l w e h p f r p d v k x p d q l g d g h v f r p r d s v l f r o j l d k x p d q l w d , i h q r p h q r o j l f d h f x o x u d o

N h w d d q k d g h s h q v d p h q w , S l p d q n h ( 2009 ) d w h y h u d t x h , d s h v d u g h w g r h w h g h e d v h , d s v l f d q d v h i u h x g l d q d v h d s u h v h q v d f r p r x p d q r w y h o h | f h r , x p d y h " t x h F u h x g q r h q v d q h w h h p e d v h , h d h u h f x v d d t x h w r , s r l v , h p v x d s h u s h f v l y d , d d i l q l g d g h h q v h d s v l f d q d v h h d v f l q f l d v g d q d v h " d v r h y l g h q v h v . P r u p , d l q g d d w l p , r p h w h g h V l h q d g h v h p e r f d h p t x h w h v s u s u d v g d k l w u d , s r o v l f d , d u h , u d j l r h r x w d v t x h , v h j x q g r S l p d q n h ( 2009 ) , g r r w p g d v x d l q v h u h w d q v h v l q j x a l u d g d g h h s l w h p r o j l f d .

N h w d s h u s h f v l y d g h x p d h s l w h p r o j l d t x h v h p s u h g h v h u d l q v h u h w h t x h s u r s r p r v d u h y l v l v d u h d p s d o d u d f r p s u h q v r g d f r q w l x l r h g h v h q y r o l p h q w h s l w h p r o j l f r g d s v l f d q d v h i u h x g l d q d , f r p x p i r f r s d u l f x a l u d p h v d s v l f r o j l d f r p r i h u d p h q v d h s l w h p r o j l f d . P d u l w r , h p s u h j d p r v x p d d q d v h f u v l f d h l q v h u s u h v l y d g h v h | w v i u h x g l d q r v h g h h s l w h p o j r v s v l f d q d o v l f r v , x v l d " d q g r x p d d e r u d j h p t x d d v l y d t x h f r p e l q d d q d v h k l w u f d h v h u f d ( S l p d q n h & C d u r s u h r , 2018 ) . E v d p h w g r o j l d s h u p l v h x p d h | s o u d r d s u r i x q g d g d g d v q x d q f h v h f r p s d i l g d g h v g r s h q v d p h q w i u h x g l d q r h g h v x d v l p s d f d h v s d u d d s v l f d q d v h f r q v h p s r u q h d .

D h w d f d p r v t x h r g h e d v h h p w u q r g d r e u d g h F u h x g h g h v h x s u r f h w r g h j h u d r g h f r q k h f l p h q w l q v l q f d g r , x o v d s d v d q g r v l p s d v p h q v h r x v r g h v h u p l q r o j l d h v s h f l d d " d g d . E w h g h e d v h h q j o e d d l q v h u h f r h q v h d v f l q f l d v q d v u l v h d v k x p d q l g d g h v , x p d v h s d u d r p h w g r o j l f d t x h f r q v l q x d v h q g r u h d y d q v h h g h v d i l d g r u d d w r v g l d v d v d l v . A r h | s o u d u h w d v g x d v y h u h q v h v h s l w h p r o j l f d v , q r w r r e r h v l y r l g h q v l f d u d x q l f l g d g h h d f r q v l e x l r g d s v l f d q d v h q r f h q u r l q v h d f v x d o f r q v h p s r u q h r .

**RÀÊZÓÁxu<sup>3</sup> yÁÍÀÊwYÁÍ z'wÀÊy w' Á'wÀÊxu ÀÊ'wuÁ<sup>2</sup>Êy y<sup>3</sup> TÉyÓx**

N r lqfr p xp r xylud dilup d r gh t x h Slj p x qg Fuhxg, r slr qhlur gd s v f d q ðv h f x n d l q i a q f l d q r s h q v d p h q w r f l g h q v d o l q g l v f x w y h o u d u p h q v h i d " l d f a l u d v x d v u h i h u q f l d v . T h q g r l w r h p p h q v h , i d a l u g r v i x q g d p h q w v g d d e r u g d j h p s v l f d q d o v l f d x p d p d q h l u d g h d w h y h u d u t x h d s v l f d q ðv h , f r p r m g l " l d L r x u h l u r (2006), q r v x j h h / - q / k / a , s r u d w l p g l " h u g r q d g d . A r h p e d u f d u q h w d d q ðv h , h w h q f l d a h f r q k h f h u r s d s h o g d y l g d g h F u h x g q d i r u p d r g d s v l f d q ðv h . O s u s u r g h w a l f r x h p y u d v r f d v l h v f r p r v x d h | s h u l q f l d s h w r d o h w w h q v h a l d g d f r p d h y r a r g r p r y l p h q w s v l f d q d o v l f r , w u d q g r l q y l y h o g l v f x l u x p v h p v h u h i h u d r r x w r . l w r v h p d q l i h w a l , s r u h | h p s a , q d u h o y q f l d t x h F u h x g d v l e x l x v x d d x w d q ðv h h l q v h u s u h w a l r g h v h x v s u s u r v v r q k r v f r p r i h u d p h q v a l g h l q y h w l j d r h s l a l u h v q d h g l l f d r g h v x d v h r u d .

Q x d q w e l r j u d i l d i u x g l d q d , g h d q v h p r x p i d w u v h g h w a l f d : v x d r u j h p m a g l d h d v l q i a q f l d v g h v h i d w h p v h x s h q v d p h q w . E w d v v r s u p h l u d p h q v h g h r u g h p f x a x u d o h y l g h q f l d q g r - v h q r v d g r f r q k h f l p h q w g h F u h x g v r e u h d B e d d ; h p v x d i d p l d d u g d g h f r p d l q v h u s u h w a l r g r v v h | w v v d j u d g r v ; q d s u h v h q d p d f d q v h , h p v h x h w l a , g r f k d p d g r k x p r u m a g d l f r ( L r x u h l u r , 2006) . A l q g d t x h r f u l d g r u g d s v l f d q ðv h q r v h j x l w h d u h d j l r m a g d l f d , h o h q x q f d q h j r x v h x s h w h q f l p h q w d v a l f x a x u d h f k h j r x d d i l u p d u q r s u h i f l r h g l r h p k h e u d l f r g h Q r v h p h T d e x i , t x h v h a k h s h u j x q v a l w h p r t x h d l q g d k d y h u d q h o h g h m a g h x , h o h s u r q v a l p h q v h u h v s r q g h u d : O M x l v a l f r l v d , s u r y d y h q p h q v h r s u l q f l s d o ( F u h x g , 1912-1913/2012, s . 10) .

M d v g h y h p r v g l " h u k v a l p e p x p d l q i a q f l d q r w y h o g h r u g h p s u v l f d , s u l q f l s d q p h q v h q r t x h d f d e r x v h l p s r q g r d h o h f r p r r e w w f x a , t x h l q f a l d d v f h q v r o h q v a l q d f d u h l u d x q l y h u l w u d g h y l g r d r d q v l w h p l v p r h s r w h u r u p h q v h v h u h f l h r f r q v a l q v h g h t x h d s v l f d q ðv h i r v h h q f d u d g d f r p r x p d f l q f l d m a g d l f d ( L r x u h l u r , 2006) . P r u p , F u h x g ( 1925/2011) s d u h f h v h u v l u d g r s u r y h l w d w p h v p r g h w h v h p s h f l d r v , d i l u p d q g r v h u v l g r l p s r u a l q v h m v h d f r w x p d u g h v g h v h p s u h f r p d u h v l w q f l d s d u d f r q v l j r , r t x h a k h g r w x g h f h u a l l q g h s h q g q f l d l q v h o h f v x d d p s u h v f l q g y h o s d u d t x h v x s r u a l w h r v d v a l t x h v t x h p d l v a l u g h v h u d p i h l w r v s v l f d q ðv h h d h o h s u s u r .

P d u d o p g h v x d d v f h q g q f l d , g h y h p r v v h u h p f r q v a l r f r q v h | w k l w u l f r q r t x d o r s h q v d p h q w i u x g l d q r v h h q u d " d . C r p r v h v d e h , F u h x g h u d k h u g h l u r g r l a p l q l v r r h g d f u h q d q d u d " r s u h g r p l q d q v h q r v v f x a v X V I I I h X I X , v h q g r w g d v x d i r u p d r u h d d " d g d q r d p e l h q v h g x u r g r i l v f d d v p r d o h p r Q x h g h l | r x p d f d v s u r i x q g d v h p v x d p d q h l u d g h w a l e d d k d u s d u l f x a l u p h q v h h p v x d r e v h w r s h a i d w f o a l f r i ( l d q q l q l h w d o , 2021, s . 15) . O t x h v h h | s u h w d v a l p e p g h p d q h l u d r v h q v l y d h p v x d h y l g h q v h y r f d r f l h q w l f d h h p v h x r v l p l v p r h s l w h p r o j l f r .

A w l p , h p x p s u p h l u r p r p h q w , d w l w l p r v d r l q v h u h w h g r l a x w h y l h q h q v h s h a l i l v r a j l d , y l q g r h o h d v h u g l v f s x a g r i l v r a j l w a l d o h p r , E u q w B u f n h g h 1876 d 1882 . O s u s u r F u h x g ( 1925/2011) f r q i h w d t x h , q h w h p r p h q w g h v x d i r u p d r d f d g p l f d , v h q v l d e d w a l q v h v d w i d r h p w a l e d d k d u h p x p a l e r u d w u l r g h i l v r a j l d f r p x p d d v l y l g d g h s x u d p h q v h v h u f d , g h p r g r t x h r v h w x g r v s u s u d p h q v h p g l f r v , f r p d h | f h r g d s v l t x l d w a l d , s r x f r a k h d w a l d p q d t x h o h s h u r g r .

N r v d q r v v h j x l q v h v , m f r p r l q v h u q r h p x p k r v s l v a l o j h u d o y h l r d w a l e d d k d u f r p T k h r g r u M h ' q h u w h p x p a l e r u d w u l r g h d q d w p l d f h u e u d o p d q v h q g r d p h v p d g h g l f d r t x h f x a l y d u d , d q v h v , q d s h v t x l v d i l v r o j l f d . S h f r p B u f n h k d y l d v h g h g l f d g r d h w x g d u d p h g x a l h v s l q k d o g h x p s h l | h l q i h u l u s r w h u r u p h q v h ,

Fuhxg p dqvhuud volor uhqvad r s dwdqgr dr vlvhnp d qhuyr vr gr v kxp dqr v, p dlv hvs hf lildp hqvah, d p hgxæd reo qj dval, valpe p fr qkhfild fr p r exæe. Pr u p, vhaqd t xh d lqyhwlj d r hp d qdvr p ld fhueudoq r s u r g x "ld, gr s r qw gh ylvad s u vlr, r p hvp r s u r j u h w r t x h r v h w x g r v h p i l v r æ j l d (Fuhxg, 1925/2011).

Ewdv hæl er ud hv v r ghfr uhqvah, l j x d q p h q v h, g d i d v h h p t x h F u h x g s d w d d v h g h g l f d u d r h w x g r g d v f k d p d g d v g r h q d v q h u y r v d v, v h q g r æ j r d w d g r s h æ f d e u h h | s r h q v h g d E v f r æ l g h S d æ v l u h, J h d q - M d u l q C k d u f r w h p 1885. T u d q v i h u l q g r - v h s d u d P d u l v s r u d g x q v p h v h v, r y l h q h q v h s d w d d v h u f r q v a d r f r p r v a d e d d r f r p q h x u v l r v, h v s h f l i l f d p h q v h, f r p d k l w h u d (F u h x g, 1925/2011). N d F u d q d, h æ n y l u d d v h u d h | s h u l q f l d g h x p l p s r u a d q v h f r q v a d s r q w v a d g l r s r v l v y l v a d d d h p g d t x d o y l h u d, s h u s d w d g d s h æ s h v t x l v d h | s h u l p h q v a d N d s v t x l d w d g l q p l f d i u d q f h v d w a d g l f r q d o F u h x g v h g h s d u r x, s d u d d v x d v x u s u h v d, f r p d s u h g r p l q q f l d g d f o q l f d v r e u h r v p r g h æ v v h u f r v, e h p f r p r f r p d f h q v a d g d g h g r v i d v u h v s v t x l f r v q r t x h v h i h u h h v l r æ j l d (L r x u h l r, 2006).

Nhwh vhaqlgr, Ckdur wæh "dyd s h æ s u p d " l d g r v i d v r v f o q l f r v, r t x h v h w a d g x " l d h p v x d p | l p d à Q l v h r u d e r d, p d v q r l p s h g h t x h [ x p i d v r ' h | l w a d i à, t x h p x l w l p s u h v l r q d y d F u h x g (1893/1959, s. 5). q h w d d q k d g h s h q v d p h q w t x h D x q n h u (2011) s h q v d C k d u f r w p d l v f r p r x p i r w j u d i r t x h q h f h w d u d p h q v h x p v h u f r, s r l v v h x l q v h u h w h q r f r q v l w d h p g h v f u h y h u d k l w h u d f r p r x p f r q m æ q w g h v a d r v l p x w y h l v h h w l j p d w l d q v h v, p d v l p d s u h q g h u r d w a t x h k l w u f r f r p v h x v j h w v h æ p h q v a d u h v h v x d v v a d q v l h v s r u p h l r g h y h u g d g h l u r v Q x d g u r v y l y r v i (M d q q r q l, 1999, s. 83) t x h s h u p l v w h p g d u s u h f l v d u d r v h x v g l d j q w l f r v g l i h u h q f l d l v, f r q j h æ l q g r g l " h u h v h | s u h w h v f r u s r u d l v t x h v h f r q y h u l d p h p y h u g d g h l u r v Q x d g u r v i f o q l f r v g r v t x d l v Q p g l f r s u p h l u d p h q v h h v s h f v a d g r u (s. 82).

Nhwh s r q w, m h y l g h q f l d p r v x p d i r u p d r e i l g d g h F u h x g p d u f d g d, s r u x p æ l g r, s h æ l j r u r v d v h r u d " d r s u h v h q v h q r d p e l h q v h f l h q w l f r d x w a d f r h, s r u r x w r, s h æ l v r e h u d q l d g d g d f o q l f d q d F u d q d. A p e d v d v g l p h q v h v h f r d p q d s u s u d h w a x v a d g d i r u p d r f r q f h l v a d o g d s v l f d q d v h, l q v h u d p h q v h s h u s d w d g d s h æ l v h q v r h q v h r v l p s d w h v l p s r w v s h æ l f o q l f d h s h æ l v h r u d, r t x h u h x æ d q r t x h F u h x g y d l f k d p d u g h p h v a d s v l r æ j l d.

A o p g l w r, r d q r g h 1889 v h h q f r q v a d h q v h d v s u q f l s d l v l q i æ q f l d v t x h f r q v l w x u d p r s h q v d p h q w i u h x g l d q r. A E v f r æ l g h N d q f', q d t x d o F u h x g (1925/2011) v h y h f r q v a d r f r p A p e u r l v h - A x j x w h L l e d x æ v h H l s s r o v h B h u q k h l p t x h, æ q v a d p h q v h f r p d h | s h u l q f l d v l g d h p S d æ v l u h, t x d w r d q r v d q v h v, v h u d p h w h q f l d l v q r t x h v h i h u h d r x v r v h u d s x w l f r g d k l s q r v h t x h p d u f r x r v s u p u g l r v g d s v l f d q d v h, r x s h æ p h q r v g r t x h p d l v v a d g h v h w a d d u d d s v l f d q d v h. D y h y - v h g l " h u d l q g d t x h d d s u r | l p d r f r p d E v f r æ l g h N d q f' v h u d g h i x q g d p h q v a d l p s r u w q f l d s d u d d v x d u h q q f l d d r v a d v a d p h q w g d v h q i h u p l g d g h v q h u y r v d v r u j q l f d v h s d u d d h p h u r g h q r y r v l q v h u h w h v.

U p s r q w t x h v h g h w a d f d q h w d r f d v l r v h i h u h x v a d " d r g d k l s q r v h, f r p r p h q f l r q d p r v d f l p d. l w r s r u t x h, p h v p r t x h, v a d q w C k d u f r w f r p r B h u q k h l p, i l " h w h p x v r g d k l s q r v h q d l q y h w l j d r g d k l w h u d, h æ n s d u l d p g h p r g h æ v h | s d f d v l y r v s u r i x q g d p h q v h d q v a d j q l f r v. C k d u f r w f r p r v h v d e h, i r l x p h | p l r q h x u s d w æ j l w a d h v v h u d v h g h g l f d g r k l w h u d q r i l q d o g h v h x s h u f x u r f l h q w l f r. A w l p v h q g r, h æ n s h u p d q h f h x q r u j l w r g d u d f l r q d d g d g h d q w p r - f o q l f d. M h v p r t x h v h q k d d y d q d g r e d w a d q v h h p v h x h w x g r v h u f r v r e u h r w a d x p d h d k l s q r v h, h æ n d f u h g l v a d y d t x h r f r q k h f l p h q w v r e u h d k l w h u d g h s h a g l d g h x p d y d q r d l a g d s r u y l u g h s h v t x l v d v e l r o j l f d v (B l u p d q, 2003). N h w h v h a q l g r, d k l s q r v h d s u h v h q v a d y d y d æ u



p h w g r o j l f r , r x v h r d , r l q v h w h f k d f r v d q r f r q v l w d h p s u r g x " l u x p d k l w h u d d u l i l f d q h q v h ( F u h x g , 1890/2017).

Bhuqkhl p , s r u x d y h " , v x s x q k d t x h d k l w h u d v h u d s u r g x " l g d s h a l v x j h w r r x p h v p r s h a l d x w v x j h w r , g h p r g r t x h r v k l w u l f r v v h u d p , h p v q v h v , l q g l y g x r v e d w a q v h v x j h w l r q y h l v . P r u l w r , h d v s r g h u d p v h u f x u d g r v s h a l k l s q r v h , f r p r x p d h v s f l h g h f r q v d w x j h w r ( B l u p d q , 2003). N h w h v v h u p r v , s d u d h d , d k l s q r v h h u d Ō p i h q p h q r g d s v l f r ō j l d q r u p d ō ( F u h x g , 1890/2017 , s . 45) t x h s r w l e l d v d y d d x l d " d r g d v x j h w r q r s u r f h w r g h f x u d g d k l w h u d .

D h w d i r u p d , d g l i h u q d e v l f d h q v h C k d f r w h B h u q k h l p h u d t x h h q t x d q w r s u l p h l u r v h i l d y d q d f o a l f d , r x v h r d , q d r e v h u y d r p l q x f l r v d h q d g h v f u r h f a l w i l f d r g r v i h q p h q r v s u s u r v g d k l w h u d , r v h j x q g r v h s d x v a y d q d s v l f r v h u d s l d t x h s r g h u d d x | l d d u q r w a d p h q w g r v i h q p h q r v s v l f r o j l f r v d g r h f l g r v . s r u l w r t x h l d q q l q l h T d y d u h v , q d v q r v a l i l q d l v g r v h | w g h F u h x g ( 1890/2017) , d i l u p d p t x h : Ō s d w d j h p g h C k d f r w d B h u q k h l p f r u h v s r q g h u d s d w d j h p g h x p d f o a l f d g r r d k d u d x p d f o a l f d g d s d a y u d , m t x h h w h a l p r f r q f h e l d d k l s q r v h f r p r u h v a d g r g d v x j h w r s h a l s d a y u d i ( s . 45). A w l p , y h u l i l d p r v t x h v a l l v l q i a q f l d v p d u f d p x p d s d w d j h p l q v h u w d q v h g d w f q l f d g r r d k d u s d u d d w f q l f d g d h v f x v a l , g r p h v p r p r g r t x h h y l g h q f l d d w a q v l r g r f k d p d g r w a d p h q w d q p l f r d r w a d p h q w s v t x l f r ( D x q n h u 2011) à w a d h w i x q g d p h q v a l o s d u d r v x j l p h q w g d s v l f d q d v h .

S l j p x q g F u h x g , s r u x d y h " , v l w d g r h q v h h w h v g r l v s r ō v , u h d d " d u d x p d f u v l f d v l w h p v l f d d d p e r v . D l v f r u g d y d g h C k d f r w q r t x h v h i h u d s u l p d " l d g r i d w u e l r o j l f r f r p r i x q g d p h q w h l r o j l f r , s r u p , v a l p e p q r f r q f r u g d y d f r p B h u q k h l p q r t x h f r q v l w d q d l q h | l w q f l d g h x p v x e w a d w s d u d d v x j h w l r q d e l d g d g h g d k l w h u d . N d f r q f h s r g h F u h x g , k d y h u d v l p x p v x e w a d w , t x h v h p d v h u d d " d u d h p x p w a d r p q p l f r v h p s r v l w y l g d g h d q d w p l f d ( B l u p d q , 2003).

P r u l w r , q r p r p h q w h p t x h F u h x g ( 1891/2013) h v f u y h r v h | w Ō s r e u h d f r q f h s r g d v d i d v d v : x p h w x g r f u v l f r i , m s r g h p r v i d a l u t x h v h w a d y d g r v s u l p u g l r v g d v h r u d s v l f d q d d o v l f d , y l w r t x h d d v h s u s x q k d x p d u i d i | r f u v l f d d u h v h l w g d d a j x d j h p . A l q y h w l j d r l q l f l d o v h g h v g r e u d v r e u h d d v h u d w u d g d v d i d v d v g h W h u q l f n h , B u r f d , M h ' q h u y G u d v k h ' , B d w l d q , h q v h r x v r v .

B u r f d h W h u q l f n ō f d d " d y d p d v s h u x u e d h v g d d a j x d j h p s u h f l v d p h q v h h p g h v h u p l a d g d v u j l h v g r f u e u r . D h w h p r g r , r g l d j q w l f r g h d i d v d p r w u d h u d u h d d " d g r g l d q v h g h x p d d v r q r f h q w r p r w u ( u h d g h B u r f d ) , h q t x d q w r d i d v d v h q v u d h u d g h f r u h q v h g h d v r q r f h q w r v h q v r u d o ( u h d g h W h u q l f n h ) . J d i d v d g h f r q g x r , p d l v f r q k h f l g d s r u s d u d i d v d , d s u h v h q v a y d v h f r p r u h v a d q v h g h d v r h q v h d v y l d v g h f r q g x r g r v f h q w r v p r w u h v h q v u r .

A l q y h w l j d r h d q d v h g h f d r v g h d i d v d d y r x F u h x g ( 1891/2013) d u r p s h u f r p d v v h r u d v ō f d d " d f l r q l w a v , x p d y h " t x h i r l s r w y h o f r q w a d u d d x v q f l d g h d v r f h u e u d o h p g l y h u r v f d r v . D l d q v h g l w r , r d x w u g h i h a g l d d l g h l d g h t x h v a l l v f d r v v h w a d y d p , q d y h u g d g h , g h x p d s h u x u e d r g h r u g h p i x q f l r q d o h t x h v r p h q v h x p d s d u h k r f r q w a x g r y l d d w r f l d r s r g h u d h | s d f d u v a l l v g l w u e l r v g h d a j x d j h p . L r j r , r g l d j q w l f r g h d i d v d q r p d q v h u d u a l r g l u h v a l f r p d v " r q d v f h u e u d l v , s r l v x p h p e d u d r q d d a j x d j h p d s r q v a l d s d u d r i x q f l r q d p h q w g h w h d s d u h k r , r d s d u h k r g h d a j x d j h p .

A l a g d q r v h | w v r e u h d v d i d v d v , F u h x g ( 1891/2013) s u r s h r i x q f l r q d p h q w g r d s d u h k r g h d a j x d j h p s r u p h l r g h u h g h v d w r f l d v y d v . A w l p , h d d s u h v h q v a l x p d s d u h k r g h d a j x d j h p h w x w u d g r s r u

xp d ugh gh hdp hqwr v dvr fldgr v hqwr vl, rx vhrd, r ds duhkr fr qwr gr sr uhihlw gd thd r glq p lfd hqwr rvy ur vq yhlv gh s r f hvr v dvr fldvyr v, rvt xdlvfr qwr lldp dvhs uhvqvdl hv.

Ewd glvfxw r dhr x Fuhxg (1896/1996) hvfuvd gd idp rvd Cduvd 52 dr vhx j uqgh dp l j r h lqvur fxw uqd s rfd, r p glfr Wlkhq Fdhw, qd txdohver dyd r txh vhd r sup hlur hvt xhp d gh ixqflr qdp hqwr gr ds duhkr gh daj xdj hp, txh, fr p s r w sr u glihuqhv q yhlv gh hj lwr v gr v vdr v p q p lfr vhr ughqgr vs r us uqf s lrv dvr fldvyr v, s r s lldp vdr v u hvh vdrx hvgr p d vud s vt x lfr. Fr l hwdfr qfhs r txh s r w ldr x d Fuhxg (1890/2017) dilup dut xhr vdr v hqwr s vt x lfr vhd hi hvydp hqv f hqvdr qd daj xdj hp, dvhu l ydt x l d qdr qvdr r gds hws hf v ydp glfd gh vx d s rfd. Ewh hvt xhp dvhu ixqgdp hqv d s dud v h s hqvdu hp f dvr v gh s vfr qhxur v h h fr qvht x hqvhp hqv qd r s hud r f dqlf dp hqv q r p hgd s r u h f d d p hqwr i wr i ht x hqvhp hp f dvr v gh klwvd.

Ov f dvr v gh klwvd dfr p s d qdgr v s r u Fuhxg hqv 1889 h 1892 s r w ldr v d p d fr qwr r w s r o j lfd gh xp d h j l r s vt x l f d i qd txdo d v d d kls q r v h, h h u g d g d i gh v h x v p h w h v p h q f l r q d g r v d q v u r u p h q v h. Alqgd t x h Fuhxg v h q k d d e d q r q d g r u d s l g d p h q v h d w f q l f d k l s q v l f d, h w h i r l x p f d p s r t x h d k s r w l d r x d y d q d u h p t x h w h v u h d y d q v h d u h s h l w g d s r w q f l d g d d a j x d j h p q d s u r g x r h f x u d g r v v l q w p d v a d y d q r t x h, p d l v u l g h, v d q v i h u x d s v l f d q d v h f d v h j r u d g h x p d f o q l f d g d v d n l q j f x u h (Blup dq, 2003).

qhwh fr qvhl w t x h l d q l q l h w d o (2021) f k d p d p d d v h q r s d d r i d w g h t x h s r x f r v d q r v g h s r l v, h p 1895, Fuhxg u h g l j h r *Pur r h w s d d x p d s v l f r o j l d f l h q w i l f d* (Fuhxg, 1895/1996) fr p x p y r f d e x o u r h l f a v l y d p h q v h q d v u d d v d s d d g l y x g d u v x d v h r u d g r d s d u h k r q h x u r q d o h q r p h v p r d q r s x e d f d *E v x g r v r e u h d k l w h u d* (Fuhxg, 1893-1895/2016), r e u d t x h i l f r x h l v h p d p h q v h f r q k h f l g d s h a l f d s d f l g d g h i u x g l d q d g h d s u h v q v u d v k l w u d v f o q l f d v f r p r f d r v t x h s r g h u d p v h u d g r v f r p r u r p d q f h v. O s u s u r Fuhxg (1883-1895/2016), qd Es f u l v h g r f d r g h E d v d e h v k y r q R, p h q f l r q d h w d p e l y d o q f l d, s d u h f h q g r v h u f l q f l d g h t x h p x l w e u h y h p h q v h v h u d q h f h w u r i r u d u x p d p h w g r o j l d s u s u d s d d d e d f d u r r e h w g h s h v t x l v d t x h v h g h v r u l q d y d.

O l q f l r g d f r q w r r g r f h q u r p h v s v l f r o j l f r f l v d g r d w d t x l g d u a j d u d r v x j l p h q w g d s v l f d q d v h s u s u d p h q v h g l v d, m q r i l p g r v f x o X I X, t x d q g r Fuhxg v h d s u r l p d g r p g l f r h i l v r o j l v d d x w u d f r, J r v h i B u x h u q h w h p r p h q w g h l q v h q v d f r u h v s r a g q f l d l q v h d f v x d o t x h d l p s r u w q f l d g r v d x p d s d d d h v r o j l d g d k l w h u d v h g l p h q v d g d v d x p d s u r g x w u g h x p d g l y l v r g d f r q v f l q f l d g d t x d o h r u j l q d p r v v l q w p d v k l w u l r v (Blup dq, 2003). C r p r q r v g l r s u s u r Fuhxg (1893/1959), d h v l q k r v d t x h w r g d g l y l v r g d f r q v f l q f l d t x h q d l g d g h M g l d h u d v d v d g d f r p r s r w h w r g h p r q d f d w u r x -v h, d s d u l u g h h q w r, f l h q w i l f d p h q v h l q v h d j y h o s r u p h l r g d f r p e l q d r o j r u j r u f r q f h l w d o g r f l h q v l w d f r p r u j r u i r u p d o g r s r h v d i (l d q l q l h w d o, 2021, s. 16).

Awlp, h w d v d q k d v j h u d l v g r v i x q g d p h q w v f l h q w i l f r v h f o q l f r v g d s v l f d q d v h i u x g l d q d q r s u h v q g h p h j r v u d t x h w r, p d v r i h u f h p v x e v g l r v s d d g h w d f d u r h v s u w g h u j r u t x h Fuhxg f r q v r d g r x f r p r p r g r g h s u r g x r g h x p f r q k h f l p h q w v l q j x a l u q h w h v h q v l g r t x h A v r x q (1983) d i l u p d t x h o j d d q d v p l d t x h r f x s r x r v s u p h l u r v h g h f l y r v d q r v h p t x h [Fuhxg' v d e d k r x q r a d e r u d u r g h B u f n h w s l f d, r f d p l q k r q r v h i h v h p t x h v h f r q v r d g d w h p f h w v p r g h o v g h s h v t x l v d h v i l d w h x p d v s u w g h u j r u d (s s. 116-117) f l h q w i l f r.

# RuÊÇÓyÉí yÊ³ Óí'zuwíuxuÊxuWÓíÓÉu wÀÁÊ²xu Àxu³ yíuÁÊ'wÀ²Á''uWÀ³ ÀÁÊ'yÁíu À yÁ'Éíy³ À² ''wu xu ÁÊ'wÁ ²Êy zÉyÓx'uÁu

Cr p r ylp r v dqvñur up hqvñ, dlqgd t xh d ir up d r gh Fuhxg vñqkd vh s dxvøgr edvlf dp hqvñ s hør v fdp lqkr vgxur vgr ilvlf dðvp r dðp r, dfoqlf diudqf hvd ðh df hqr x q r yr vkr u"r qvñv lqyhwlj dñyr v h, p hvp r vhp deudup r gh xp d r uhqvñ r hs lwnp r o j lf d qdvx uddwñ, Fuhxg vh s hup lvx hwnqghud ds df d r gr v fr qfhlw v s vlf dqdovlf r v v t xhww hv fxox udlv (Slp dqnh, 2009). Pr u lw r, ydñ dlqgd xp s ht xhqr uhfxr ir up d r fxox udoi h x gldqd.

Nhwh fr qvñ| w, lqvñuhwdqvñ s huf hehut xh, dr ælgr gh xp d ir up d r xqlyhu lwud p duf dgd s hør p dñuddvp r flhqwífr, Fuhxg s r wx d xp dydwdñ ir up d r kxp dq wíft xh lqfæ d: fr qkhflp hqw vgh klwud h p lw ø j ld; lglr p dv (uxglp hqw v gh ævlp h j uhj r, lqj o v, iudqf v, hvs dqkr ø do p gr kheudlfr h gr dðp r); xp ds dl| r qdgr lqvñuhwh s r u dñvñu d t xh s duíd gd dñvñu d xqlyhu do (S ir f ðv, Skdnhvs hduh, Chydqvñv, levhq h Dr wñ lhyvñl), s dwdqgr s r u vñxv fr qvñp s r u qhr v (Mdqq, Zr æ h Tz dlq), h f khj dqgr d dxw uhv gh oqj x d dðp gh h| wñ r fo wífr -u p qvlf d (Hhlqh, Sfkløuh, v r ehvægr, Gr hvkh); s uhglñ r s r uhvfxox udlv (Mlf khælj hør) s lqvñu dv (gd Vlqfl, Rhp eudqgy); do p gh vñuvlgr xp fr ðvfr qdgr ugh dqvlj x lgdghv, p r wwdqgr lqvñuhwh s r u flyld" d hvdqvñ dv h s r u dñt xh ø j ld (Lr xuhlur, 2006). N r vhp u d" r, Md| Gudi, s dl gr Ó ht xhqr Hdqví, ghfæur x: Ó fuhxg ir l xp d gdv shwr dv p dlv fxædv t xh fr qkhfl. Eñ fr qkhfld w gdv dv r eudv p dlv lp s r u dñvñvgr v hvf dñv uhv. Cr qkhfld r vt xdgur vgr vj udaqghv duíwñv, t xh v lqkd hwxgdgr q r v p xvñxv h j uhv gd lwdd h gd Hr ælqgdí (Gudi, 1993, s. 33 ds xg Ckdyhv, 2015, s. 8).

Oud, wgd hwd huxgl r q r vñudvhp hihlv vs dudd fr qvñx r gds vlf dq dñv wqwr q r p elw vñ ufr, fr p dv uihu qfldv d vñv r eudv, t xdqwr dr hwlwífr, t xh ðh uhqghx, hp 1930, r Pu p lr Gr hvkh gh Llñvñu d (Lr xuhlur, 2006). Ip s r u dñvñp hqflr qdudlqgd t xh, dr fr qvñu dr gr t xh p xlv v s hqvdp, hwh s u p lr q r vñ uhihul xqlf dp hqvñ d vxd f ds df lgdgh p s dugh hvf udlv h fælv" d qd h| s r vñ r gdv lghldv, wvdyd-vh gh xp s u p lr t xh Ó nudghv lqdgdr dr vj udaqghv q r p hv gd fxox udt xh, wlot x d o Gr hvkh, ghvñqyr gylp xp s hqvdp hqw p r ylv r v s r u xp d fxur v lgdgh t xh dñvñv hwdyd dv iur qvñu dñv hqvñ dñvñu d, fl qfld, s r ovlf d, ilø v r ild hvñ.í (ldqqlq l hwd, 2021, s. 19).

Pr ulwr, dt xl, p dlvp x p d yh", s r gh p r v df hqdus du d dñ r gh xp d fr qvñvñ l r e ilgd gd s vlf dq dñv à dj r u d glylglgd hqvñ d fxox udlv (duñ, s r ovlf d, ilø v r ild h r xwv v) h d fl qfld à t xh hfr d ir uñp hqvñ qd vñr u d" d r iuhxgldqd. Awlp, q r lqfr p xp, dr ø qj r gr vñ| w v gh Fuhxg, hqfr qvñup r v wñ r v v l j qlilf dñyr v gh xp d glp hqv r hww vlf d t xh ds r qvñp s du d xp d hs lwnp r ø j ld t xh vñp e p ðy d hp fr qvñghud r d vñqvleldgdgh h| lvñqvñ vñqv q r s u f hvr s vlf dqdovlf r t xdqwr q r v p r ylp hqw v s v t xlv r v. Mr vñyr s hør t x d o hp lq p h r v p r p hqw v, hñ xvd fr p r p hwir udr r i flr gr hvfxox us du d i dælugd s u vlf d s vlf dqdovlf d.

Ag hp dlv, ydñ fr p hqvñu t xh d s vlf dq dñv vxj h hp xp fr qvñ| w, vñp s r u d o h vs df ld q q r t x d o d glwlq r hqvñ fl qfldv gd qdvñu d h fl qfldv kxp dqdv s dwd d vñur s hvdqvñ. O h| hp s ø p dlv hylghqvñ r t xh p duf d dv r l j hqv gd s vlf r ø j ld fr p Wlðhøp Wxqgwt xh qdvf h flqglgd hp gr lv s u r hñv v s du dñø v fr p fr qvñu q r v eh p ghilqlgr v, f ds d" hv gh uhv hlvñur v d p lvñv hs lwnp r o j lfr vlqvñv gr vs hæl glylv r t xh df dedud gh vñ hihvñdu gh xp ælgr xp d s vlf r ø j ld h| s hñp hqvñ o gh r xwv xp d s vlf r ø j ld gr v s r yr v (Fduj 1996). Oud, hp xp f hq ur fr p r hwh, d s vlf dq dñv ds duhf h fr p r xp f d v r hp eñp vñfr gh vñqv r gldo vlf d hqvñ hwdv

gxdivir up dvgr id" hufihqwilfr, fr qvwxlqgr -vh, høl p hvp d, fr p r xp d hvs flhr | p r u r : xp d fl qfld qdvxdo  
gd p hqvñ, rx, vht xlvhp r v, xp d *Ndixu lwhqvfkdivfxm r ethw*, s dudgr | dos ru h | fho qfld, r *Gh/lw*

Dd Lrxuhlur (2006) dilup dut xh r dgyhqw gds vlf dq ðvh ðvdyhwdgr s ruo "hv hvr p eudv, lwr , d  
fr p elqd r hqvñ r idv qlr shø l udf l r qdoh d exvd s ru fr qkhf -ø udf l r qdop hqvñ. E r t xh vxend" vdo  
fr qgl r lqhuhqvñ s vlf dq ðvh vñud d s uhvq d gh ud "hv l ø p lqlwø d h ur p qv f dv lqglwr ø y h q p hqvñ  
hqvñ dgdv. Lr j r, d s u e d i p v f d i x q g d p h q v o g d s v l f d q ð v h (r l q f r q v f l h q v ñ), r l q v ñ u h w h s r u i h q p h q r v  
v l x d g r v q d v e r u g d v g d u d f l r q d d g d g h (r v v r q k r v, d v h | x d d g d g h, d ø x f x u d h d p r u h), p r w ø d p -v h f r p r  
k h u d q d g r R r p d q v l p r A d i p r. P r u p, v h j x q g r S l p d q n h (2009), d r u j l q d d g d g h g d s v l f d q ð v h h w h y h  
n ø v ø d p h q v ñ h p v ø d e d d k d u v ø l l v t x h w h v s r u x p y l v f l h q w i l f r, h q r p v l f r r x p h v ø i v l f r f r p r h u d f r p x p  
d w h q w r.

qhwd s hws hf vlyd t x h S l p d q n h (2009) s h q v d t x h *Fuhxg s gh vñuds uhv hqvø dgr f r p r x p vñ u l f r g d  
u x s v x u d h q v ñ h q d v x u h " d h f x ø x u d [...]'* ds hvdugh vx dv h | s o f l ø v p d q l i h w ø h v h p f r q v u r i (s. 226-227, j u l i r v  
g r d x w u). A w r x q (2012), s r u x d y h", y d l d v l e x l u s v l f d q ð v h d i x q r g h *Q p h g l d g r u d h q v ñ d l q f l d v p g l f d v  
h d l q f l d v g d f x ø x u d i* (s. 50) h l d q q l q l (2017) l u g h i l q l -ø f r p r *Q p d f l q f l d g d q d v x u h " d v h p q d v x u h " d i* (s.  
111).

i d w t x h h w h v h d i p h q w v f x ø x u d l v d v d y h w d u d p d s v l f d q ð v h i u x g l d q d g h i r u p d v y d u d g d v,  
s r v l e d v ø d q g r g h s u h q g h u g l i h u h q v ñ v i r u p d v g d s v l f d q ð v h u h ø a f l r q d u f r p d f x ø x u d h g l i h u h q v ñ v r d d u h v g d  
s v l f d q ð v h v r e u d f x ø x u d. N d d u h, s r u h | h p s ø, h p d j x q v v ñ | v v, F u h x g v h r f x s d h p d q d d v d u r d u l w ø d h v x d v  
r e u d v, f r p r y h p r v h p v ñ | v v f r p r *U p d d i p e u d q d g h l q i q f l d g h L h r q d l g r g d V l q f l* (Fuhxg, 1910/2015) h  
*D r w r l y v n l h r s d u l f g l r* (Fuhxg, 1928/2015). N h w h v f d v r v, h d h v h u y h g r v g d g r v e l r j u i l f r v g r d x w u d i l p  
g h l q v ñ u s u h v ø d r e u d r p h v p r v ñ p s r h p t x h v l ø d " d d r e u d f r p r h y l g q f l d s d u d h q v ñ q g h u r s v l t x l v p r g r  
d u l w ø d. J q r v ñ | w *O M r l v v g h M l f k h ø d j h ø*, F u h x g (1914/2015) s u h v ñ q g h l q v ñ u s u h v ø d h v f x ø x u d h p v l, d o p  
g h g h v f u h y u v h x s u s u r p w g r g h l q v ñ u s u h v ø d r, h p t x h y h p r v d j r g h x p d s v l f d q ð v h l p s d f d g d.

E p r x w r v v ñ | w v, F u h x g v h g h e u x d v r e u h r s u r f h w r f u d v l y r, q d v ñ q v ø l y d g h f r p s u h q g h u v h x  
i x q f l r q d p h q w f r p r h p *O s r h v ø d h r i d q v ø l d u* (Fuhxg, 1908/2015) h *Phur q d j h q v s v l f r s v l f r v q r s d d r* (Fuhxg,  
1905-1906/2015). E d l q g d k h v f u w r v q r v t x d l v d v r e u d v g h d u h h q v l q d p d s v l f d q ð v h h v h y h p g h l q g f l r v s d u d  
t x h d v ñ r u d s v l f d q d o v l f d d y d q f h. P r g h p r v y h u i l f d u h w d s r v x u d h p y u d v C d u l v d F ø h w, q d v t x d l v F u h x g i d "  
d q ð v h v g h r e u d v d v ñ u u d v f r p r g l s r R h l h H d p d w p d v s h u f h e h p r v v ø p e p h p v ñ | w v p d l r u h v f r p r *A  
l q v ñ u s u h v ø d r g r v S r q k r v* (Fuhxg, 1900/2019) h *O D h o u r h r v v r q k r v q d Q u d g l y d i g h W. J h q v h q* (Fuhxg,  
1907/1996). N h w h v f d v r v, s r g h p r v g l " h u f r q i r u p h A x w r u d h R l q d ø j l (2014), t x h d s v l f d q ð v h d s u h q g h f r p d  
d u h, x p d y h " t x h f r q i h u h h w d v w g h y h u g d g h d r g l w g r d u l w ø d. P d v d q g r g d i l f r d r p x q g r u h d ø F u h x g  
g h q x q f l d t x h r d u l w ø d i r u q h f h, d v d y v g h v x d v f u d h v, d v p h v p d v g h v f r e h u d v t x h d s v l f d q ð v h s u s h i (s.  
311) s r u r x w r v p h l r v.

N r v h p u d " r, d p l w ø j l d v h y l x f r p r x p p w g r h s l w p l f r s d u d F u h x g, s h u p l ø l a g r -ø k h s h q v d u  
x p g h q w r -i r u d g d s v l t x h, r x v h r d, q h w d s h w s h f v l y d i u x g l d q d, r p l w v h u d u h v x ø d g r g h i r u p x ø h v  
s v t x l f d v f r p r f r q v h t x q f l d g d h | l j q f l d g h v ø d e d k r l p s r w w s h ø f r u s r s v l t x h. P r u l w r, h d r f k d p r x  
g h *Q p l w v h q g r s v t x l f r v i r x Q v l f r p l w ø j l d i*, h p g h " h p e u r g h 1897, h p x p d f d u d h q g h u h d g d d F ø h w  
(M d w r q, 1986, s. 186). A w l p, s r g h p r v h y l g h q f l d u q r p q l p r v ø v h l | r v p l w ø j l f r v e d v ø l u h v t x h v h

hqfr qvdp qrvh| wvgh Fuhxg. Osulphur hww q'A *lqhus uhv* r *grvvr qkr v* (Fuhxg, 1900/2019) hds uhvqv r p lwr fr p r xp p r gr gh fr p s uhqv r gr vsurf hwr vlqfr qvflhqvhv, id" hqgr xp d d qd j ld hqv r vr qkr h r p lwr, qr sr qwr hp t x h r s ulphur s r uhv r v ghv hmv lqfr qvflhqvhv gh xp vr qkdgr uhp s dufxdu h r v h j x qgr h| s uhv d d r vr qkr g d k x p d q l g d g h. O v h j x q g r s r g h v h u y h u i l f d g r h p *Trvhp h v d e x h g l*" u h v s h l w k l s v h v h g r p l w r g d Ő r u g d s u l p l v y d i, s u r s r w s r u F u h x g (1912-1913/2012) s d u d s r q w d u d h| l w q f l d g h x p d s d w d j h p k l w u f d g d q d v u h " d s d u d f x o x u d, r x v h r d, r p r p h q w g h h q f r q w r g r k r p h p f r p d d i l h d v u h v r q q f l d v g h v h h q f r q w r. O v h u f h l u r h| r h w q r x v r t x h F u h x g i d " g r g l s r, q r t x d o r p l w x v d g r s d u d v u d v u g d f r q v l w x l r g r v x r h l w d s d u l u g r h q f r q w r f r p h v d d i l h v x d v f r q v h t x q f l d v s d u d r v x r h l w g r g h v h m (Thrgrur hwd, 2020).

Vd d h d l a g d f r p h q v u t x h, d g h v s h l w g d u h v w q f l d g h F u h x g f r p d i l o v r i l d, p x l w v g h v h x v f r q f h l w v d o x g h p g l u h v p h q v h d g h e d v h v g h o q j d g d v d h w d e h d f l g r v h p x p v h u h q r s u h g r p l q d q v h p h q v h i l o v i l f r, g r t x d o s r g h p r v g h w d f d y s r u h| h p s o, d s u r e d h p v l f d g h x p d Ő h q v h l q f r q v f l h q v h i, m g l v f x v l g d, d f h l w r x u h r h v l g d s r u x p d v u h g h s h q v d g r u h v f r p r A d h| d q g h u y r q H d u p d q q, H h q l B h j v r q, W l o d p J d p h v, F u d q " B u h q v d q r (f x m v v h p l q u r v, q d U q l y h u l g d g h g h V l h q d, F u h x g i u h t x h q w x), h q v h p x l w v r x w r v (S l p d q n h, 2010).

e h p y h u g d g h t x h F u h x g f k h j r x d f r q i h v d u v h u h q f r q v d g r, p d l v u l g h, h p S f k r s h q k d x h u p x l v d v v h p h o k d q d v f r p d v x d v h r u d g d u s u h w r, d o p g h v h u f l v d g r r i l o v r i r h p v h| w v f r p r A o p g r s u l q f s l r g h s u d " h u (F u h x g, 1920/2020). E p r x w r v p r p h q w v, s r u p, d i l u p d v h u v h s u y d g r g h d u N l h w v f k h s r u u h f h l r g h d f k d u h p v x d r e u d q v h f l s d h v t x h l q i o x h q f l d u d p v x d v s u s u d v h o d e r u d h v (F u h x g, 1914/2012). D h p d q h l u d v h p h o k d q v h, h q f r q v d p r v q d v s u l p h l u d d o k d v g r v h| w P h u r q d j h q v s v f r s v l f r v q r s d o r (F u h x g, 1905-1906/2015) p h q r h| s o f l v d d A u w v h d v h d d s u r s u d r g r i l o v r i r v r e u h d f d v u h h r v l j q l i l f d g r t x h r v h u p r v l q k d q d G u f l d A q l j d.

A l a g d s h q v d q g r q r v i x q g d p h q w v i l o v i l f r v g d s v l f d q d v h i u x g l d q d, v h p r v v x d j u d q g h v h r u d " d r g d s x o r g h p r u h t x h, h p A d q d v h i l q l v d h d l q i l q l v d (F u h x g, 1937/2017), u h p r q v d E p s g r f d v g h A j u j h q w, q r v f x o V d. C. N d r f d v r g h w h v h| w, r p h w h g h V l h q d d w h p h o k d d l g h l d g r i l o v r i r g h t x h k o d y h u d g x d v j u d q g h v i r u d v u h s r q v y h l v s h o g h y l u f v p l f r a r A p r u (P k l d d) h d D l v f u g l d (N h l n r v) - d v x d s u s u d i r u p x o d r g h t x h k o d y h u d g x d v i r u d v u h s r q v y h l v s h o g h y l u s x o l r q d o h v h x v f r q i d v v a E u r v h T q d w v a, t x h h o h q r p h r x g h s x o r g h y l g d h s x o r g h p r u h (G d f l d - R r " d, 1986). C r p l w r, r t x h t x h u p r v g h w d f d u t x h d s v l f d q d v h v h g l i h u q f l d g h w h v i x q g d p h q w v d r s u r s r u x p p r g r i x q g d p h q v d p h q v h q r y r g h v u d v p h q w g h w h v s u r e d h p d v, q x p d s h u s h f v y d e d w d q v h r s r w d d r g l v f x u r p h v d i v l f r g d i l o v r i l d, h p v x d s u h v q v r g h f d s v u d w v d o g d g h g r v h u h g r u h d o (B l u p d q, 2003).

A w l p, q r s d u h f h h w d q k r t x h F u h x g v h q k d f u l d g r x p q h r o j l v p r g h u y d g r g r v h u p r p h v d i v l f d s d u d q r p h d u r p r g r s u s u l r g h s u r g x r g r f r q k h f l p h q w s v l f d q d o v l f r a p h v d s v l f r o j l d. e h p y h u g d g h t x h r s u h i l| r p h v d, f r p r F u h x g d i l u p d, l a g l f d t x h v h v u d g h x p p w g r t x h s u s h u d d " d u x p d d h l w u d g d v x e r h v l y l g d g h s d u d d o p g d s v l f r o j l d, r x v h r d, x p d d h l w u d t x h q r v h u h w l q j h d r h w x g r g d v i d f x o g d g h v s v t x l f d v. E w h p w g r h s l w p l f r v h u d h q w r i x q g d g r q d l q v h u s u h v d, x p d y h " t x h Ő s v l t x l v p r v h u d f r q w x g r h p w u q r g r v f r q f h l w v g h v h q v l g r h g h v l j q l i l f d r, s r l v d l q v h u s u h v d r d s h q d v h u d s r w y h o v h

hwlyhwh vhp s u h p h w g d d r p x q g r g r v h q v g r f r p r r v h x f r u h a l w i (B l u p d q, 2021, s. 53). E h w d l q v h u s u h w d r , s r u x d y h " , v h u d f r q w a x g d d s d u l u g h x p g h f l i u d p h q w .

l w r s r u t x h r v s u r f h w r v s v t x l f r v l q f r q v f l h q v h , t x h s r w h u r u p h q v h L d f d q f k d p d u g h i r u p d h v g r l q f r q v f l h q v h , d s u h v h q v l p -v h Q g h p d q h l u d f l i u d g d , v a q w r s d u d r v x r h l w t x d q w s d u d r l q w u s u h w i (B l u p d q, 2021, s. 54). P d u d t x h h w h g h f l i u d p h q w d f r q v h d , r l p s h u d v y r p h w g r o j l f r h p m j r s d u d r d q d d v d q v h d w r f l d u d y u p h q v h , h p f r q w d s d u l g d , f d e h d r d q d d w d x p d d v h q r i a x v d q v h . T d l v l p s h u d v y r v Q h y h a l p d h l l j q f l d g h v x s h q v r g r h x , s d u d t x h d v g l y h u d v f d g h l d v d w r f l d v y d v , q d v x d u d o i u d j p h q w d r , s r w d p v h h q x q f l d u h p d w f r p r g l v x u r i (s. 55). D h w h p r g r , v h u d s r w y h o l q v h u s u h w d u d j r g r g h v h m g r v x r h l w Q h p r v u x g r v g d v p d q r e u d v h l s d f d v y d v g r h x h v x d d r l q w a x p h q v d o t x h h w d u d v h p s u h y r a l g d s d u d d d g d s w d r g r v x r h l w u h d d g d g h v r f l d o (s. 55).

N h w h v v h u p r v , g h s u h q g h p r v t x h d f r q w a x r g h x p p w g r s u s u r g h s u r g x r g r f r q k h f l p h q w h y l g h q f l d t x h F u h x g s h u p d q h f h x i l h o d r r e r h w p d l r u g h l q y h w l j d r g d s v l f d q d v h , d v d e h u r l q f r q v f l h q v h , t x h , h p a l p d l q w w q f l d , p r w u d -v h l q d s u h q v y h o d r g l v x u r f l h q w i l f r , v h r d h o f d d d g r q d v f l q f l d v g d q d w u h " d r x q d v f l q f l d v k x p d q d v . l w r q r v l j q l i l f d t x h F u h x g v h q k d v h g h y l d g r g h v x d s u r s r w d l q l f l d o g h f r q w a x l u x p d s v l f d q d v h f r p r x p d f l q f l d g d q d w u h " d , p x l w s h a f r q w u r , v h y l g h q f l d t x h h o h h w d y d d v h q w v s h f x d d u l g d g h v g h v h x r e r h w s d u d d g d s w u h w d h s l w h p r o j l d . P r l v , Q r q g h d i l g h d g d g h g r r e r h w p l p d , r p w g r s u h f l v d v h u h l q y h q v d g r i , f r p r h v f a l u h f h l d q q l q l (2017, s. 124). P r u d q w , h w h d w i u h x g l d q r t x h d k s r w e l d w d r s h u d u f r p r r e r h w g d s v l f d q d v h v h p t x h r p h v p r s h u f d d g h q v l g d g h .

N h w d d a k d g h s h q v d p h q w , u h f r u h p r v i r u p x a l r i u h x g l d q d g r f r q f h l w g h s x a r t x h a d g h v s h l w g h q r v h u h w d v x d l q v h q r s u p h l u d a s u h v h q g h , h p p h l r d r s u r e d h p d h s l w h p r o j l f r g d g x d d g d g h p h q v h / f r u s r , h q f r q w d u x p d v d g d s r w y h o d r v h u g h v f u w q d f r q g l r g h f r q f h l w -d p l v h , r x v h r d , Q l s x a r r s h u d x p d f h u d " r q d g h l q g h v h u p l q d r , g h l q g l w l q r h q w h f r u s r h d s d u h d r s v t x l f r : h p e r u d v x d i r q v h v h r d v h p s u h v r p v l f d , v f r q k h f h p r v g h a l v h x u h s u h v h q v d q v h s v t x l f r i (l d q q l q l , 2017, s. 96). P r u h w h y l v , s d u h f h -q r v t x h d p h w d s v f r o j l d l j x d q p h q v h v h s u s h f r p r x p d v d g d h s l w h p r o j l f d s r w y h o t x h s h u p l v h d F u h x g d y d q d u q d s u r g x r g h f r q k h f l p h q w h p s v l f d q d v h h q r g l v x u r h w u l w g d h s l w h p r o j l d , y l w t x h q r v h s d u d d v d g l d q v h g d g l f r w p l d h s l w h p r o j l f d a f l q f l d v g d q d w u h " d / f l q f l d v k x p d q d v . S d w l p s d u h f h x s r w y h o d F u h x g h v f u y h u Q x p d d a j x d j h p f r h u h q v h , h p e r u d p x l w d y h " h v p h v d i u f d , p v l f d , d q d o j l f d , d v v x l d h " d v h f r q w d g l h v g h x p r e r h w v h u f r t x h v h p s r u q d w u h " d h w h h v f d s d u s r u h q v h d v p d d k d v g r f r q f h l w i (l d q q l q l , 2017, s. 125).

## QÀÁÊ'xyÉu yÊZ'Áu'Ê

R h y l m w d q g r d v l q i a q f l d v k l w u f d v h h s l w h p r o j l f d v g d f r q w u x l r g d s v l f d q d v h i u h x g l d q d u h w d o d p r v l q l f l d q p h q v h x p f r q v h l w s u r i x q g d p h q v h p d u f d g r s h a g x d d v p r h s l w h p r o j l f r a f l q f l d v g d q d w u h " d / f l q f l d v k x p d q d v a t x h v h p r w u d y d f r q w d s u r g x f h q v h h p g l y h u d v u h d v e d d " d g d v s h a g l v x u r f l h q w i l f r , f r p r i r l r f d v r g d s v l f r o j l d . N h w d f r q v h q g d , d r u j l q d d g d g h g h F u h x g h w d y d h p q r w p d u h w h g x d d v p r f r p r s r q w g h f k h j d g d , p d v f r p r s r q w g h s d u l g d , q r s r q w h p t x h h q v h q g h , s u p h l u r , r v d p l v h g d v f l q f l d v w d q w q d w u d l v t x d q w k x p d q d v h , v h j x q g r , d v s h f x d d u l g d g h v g r t x h v h w u r x v h x r e r h w p d l r u g h l q y h w l j d r , d v d e h u r l q f r q v f l h q v h . C r p r s u r s u r f r q k h f l p h q w g h x p r e r h w t x h s r u q d w u h " d h v f d s d

v wdp dv s u s u d v g r g l v f x u r f l h q w i l f r ? U p r e r h w t x h v r p h q v h s r g h v h u s h u f h e l g r s h o v i x u r v g h w h g l v f x u r , q r v h u h q r s u s u l r g r v o l s v r v , d v r v i d d r v h f k l w h v ?

A r t x h s d u h f h , r s u r e d p d g h F u h x g q r v h o f d d " d y d q d v g l f r w p l d v a q d v x u h " d / f x o x u d , f l q f l d v g d q d v x u h " d / f l q f l d v k x p d q d v , v h r u d / f o q l f d a s r l v h w d v v h q v h v v h p r w o d u p f r q g l h v v l q h t x d q r q g r s u s u l r s v t x l v p r . T h q g r i r u p x o l g r x p s u r r h w l q l f l d o g h f r q w x l u x p d s v l f d q d v h f r p r x p d f l q f l d g d q d v x u h " d , v h x s u r e d p d h w o l y d h p f r p r v h u i l h o d r v h x r e r h w . N h w h s r q w , v h x u j r u f l h q w i l f r d v r f l d g r v x d i r u p d r f x o x u d o k h s r w e l d v x i r u d u x p p w g r t x h f r q v h j x l w h h v f u y h u r l p s r w y h o x v d a g r s r u y h " h v , p h w i r u d v , p l w r v , d v h u d v u d d i l p g h w u q d u p l q l p d p h q v h x q l y h u d o r t x h g d r u g h p g r h l w h p d p h q v h v l q j x o l u

D h u y d g d : s r u x p o l g r , d l q y h q r g h x p p w g r f o q l f r i x q g d p h q v o l g r q d d v r f l d r d y u h f r p r p h l r s u y l o j l d g r g h d f h w r d r i h q p h q r v x e r h v l y r l q f r q v l h q v h , h q t x d q w v r o r h a j h q k r v d s d u d r y h o k r s u r e d p d g d h l s h u l q f l d l p h g l d v d t x h , s r u d w l p g l " h u i x q g r x r s u r r h w ( q r d s h q d v i u x g l d q r ) g h x p d s v l f r o j l d f l h q w i l f d ; s r u r x w r , d p h v o l s v l f r o j l d , w p d g d f r p r o e u x | d i q r s r q w h p t x h r i h u h f h x p d v r o r s r w y h o s d u d r v d p l v h v u d g l f l r q d l v g d p h w g r o j l d f l h q w i l f d f o w l f d h g r v d v s h f v v h v s h f x o l y r v g r v d e h u f x o x u d o A t x l , d f d e d p r v s r u u h v u q d u d r v h p d g d l q g h s h a g q f l d l q v h d f w d o d t x h F u h x g v h u i h u d , y l w r t x h v x d l q v h u y h q r q r s h q v d p h q w r f l g h q v o d f d e r x v h p r w o d a g r x p d s u r i x q g d v x e y h u r q r f d p s r g r v v d e h u v r e u h r s v t x l f r , v h r d p h w h v g h s u r y h q l q f l d i l o v i l f d , s v t x l v d f d , q h x u o j l f d r x s v l f r o j l f d .

N r w f d q v h d r v d p l v h v g d s h v t x l v d , g h w o l f d p r v t x h h w h h w x g r h q i u h q v d g h v d i l r v g h f r u h q v h v g d d q d v h g h v h r u d v k l w u f d v h f r q f h l w v f r p s o j l r v . A q d v x u h " d v x e r h v l y d g d l q v h u s u h v d r g h v h l w v i u x g l d q r v h d d s d f d r g h v h x v f r q f h l w v h p f r q v h l w v f r q v h p s r u q h r v s r g h p o y d u d p o l s o l v q v h u s u h v d h v , u h i d v l q g r d f r p s o j l l g d g h g r o j d g r i u x g l d q r . E q v h v d q w , h i h v x d p r v x p s h u f x u r t x h d o p g d v g l v f x w h v g h v h q y r o l g d v , s h u p l v x - q r v h y l g h q f l d u t x h x p d g d v u h d v s u r p l v r u d v s d u d s h v t x l v d i x v u d v h u d d l q v h j u d r g d d e r u g d j h p i u x g l d q d f r p r v d y d q r v q d q h x u f l q f l d h s v l f r o j l d f r j q l v l y d t x h s r v v e l d o v u d h l s o u d u f r p p d l v d i l q f r d v f l q f l d v q d s u r g x r g r f r q k h f l p h q w s v l f d q d o v l f r h g h r x w o l v u h d v f l h q w i l f d v . O x w r f d p s r g h l q v h u h w h h a y r o y h d d g d s v d r h d s d f d r g d v v h r u d v s v l f d q d o v l f d v h p g l i h u h q v h v f r q v h l w v f x o x u d l v h v r f l d l v p r g h u q r v .

E p v x p d , d s v l f d q d v h s d u h f h v h d s u h v h q v u l f r p r x p f d p s r g h v x e y h u r q r l q v h u r u g d s u s u d p r g h u l g d g h , f r p r x p d o t x l q d g h j x h u d i f r q w d v l o x v h v g h d x w q r p l d h h a j u d q g h f l p h q w g r E x h g d f r q v l q f l d ( B l u p d q , 2003 ; L r x u h l u r , 2006 ) . N r v h p p r v l y r v , r s u s u l r F u h x g ( 1917 / 2010 ) v h l q f o d , n a q v o l p h q v h f r p N l f r o l x C r s u l f r h C k d u h v D d u z l q , q r j u x s r g d t x h o v t x h v h u d p s u r g x " l g r x p d i h u l g d q r q d u f l v l p r k x p d q r . T d o y h " , s r u l w r , v h r d s r w y h o d w k r r h , p h g l u r v h i h l w v h d l q i o x q f l d g h v h x s h q v d p h q w .



## f yzyÉ ÁwúÉ

Dxt z s/S 001-4<; 6,1s ywiz t j uxyj r t q l r i k j z i n f s f 1 U n t i j M s j n w / U n A r f l t 1

Dxt z s/S 001-5345,1/ v j z i j f x h n s h r f x x t h r f r a = u x t h f s q x j j y t v f i f h z q z v f 1 V t S f z q / V S = H n j x  
Q ' t q 1

Dzyt v w V Y ( U s f q n G 1-5347,1 D f v j j r l v j z i = z r j x y z i t v z j x z u t v f h t s y w i n j x 1 E t q j y n Ó  
D h f i j r n f S f z q x y f i j S x r h t q l r i f / 6 7 4 : , / 5 < < 6 4 < 1 U j h z u j v f i t i j  
m y u = 2 2 u j u x t h b j x f q i t w 2 u i k q f u u 2 6 7 s ; : 2 f 3 5 u i k

E r w f s / M - 5 3 3 6 , 1 / v j z i ( f k a p x t k r f 1 U n t i j M s j n w / U n A r f l t 1 w j \_ f n f w H 1

E r w f s / M - 5 3 5 4 , 1 / v j u a z x y t h t r f u x t h f s q x j = j s x f r i x i j u x t h f s q x j j k a p x t k r f 1 U n t i j M s j n w / U n A  
F r i r a p f t E v f x r a j n f 1

F n f j j x / H 1-5348,1 R u f v i r h r f j x y y h t i j l v j z i 1 l s 1 V 1 l v j z i 1 R g v f x l s h t r u q j y f x i j V h r z s i l v j z i 0  
D v j / q j v f z v f j t x f v x y f x + H 1 F n f j j x / y w i Y u u 1 : 0 6 < , 1 E j q K t v l t s j / P J = D z y s y h f H r y t v f 1

G z s p j w f 1 U 0 1-5344,1 H y w a z v f j h t s x y z n t i f h q s r h f u x t h f s f q y h f = z r f f w z j t q l r i f x u w y r h f x i j  
h z v f / u x t h y j w u r f j y w y f r j s y t 1 V t S f z q / V S = D s s f g q r j 1

I f w U 1-4 < < 9 , 1 D j r j w s h r i f u x t h t q l r i h t r t h n s h r i s f y z v f q j x t h r i q s f D q j r f s n f 1 l s U 1 l f w w R w j / D x  
v f " j x i f u x t h t q l r i x t h r i q r t i j v f f u u 1 6 : 0 8 < , 1 S j y w u t q x / U n A r t " j x 1

I v j z i / V 1-534 : , 1 V w y f r j s y t f s r h t y w y f r j s y t u x v z h t , 1 l s V 1 l v j z i / R g v f x l s h t r u q j y f x i j V h r z s i  
l v j z i 0 l z s i f r j s y t x i f h q s r h f u x t h f s f q y h f + 1 G t v s g z h m y w i Y u u 1 4 < 0 8 3 , 1 E j q K t v l t s j / P J = D z y s y h f  
H r y t v f 1 + W f g f q r t t v h r s f q u z g a h f i t j r 4 ; < 3 , 1

I v j z i / V 1-5346,1 V t g v f h t s h j u t i f x f k f x r i x = z r j x y z i t h v y r h t 1 l s V 1 l v j z i / R g v f x l s h t r u q j y f x i j  
V h r z s i l v j z i 0 V t g v f h t s h j u t i f x f k f x r i x = z r j x y z i t h v y r h t + H 1 E 1 U t x x d y w i Y u u 1 4 8 0 4 8 3 , 1 E j q K t v l t s j /  
P J = D z y s y h f H r y t v f 1 + W f g f q r t t v h r s f q u z g a h f i t j r 4 ; < 4 , 1

I v j z i / V 1-4 < 8 < , 1 F n f v n t y Ó D m x j v f = u v n j n v x h t s y w a z n j x y t v f i f x s j z v x j x l s V 1 l v j z i / R g v f x  
F t r u q j y f x i j V h r z s i l v j z i + 1 P 1 i j l v j y f x / y w i Y Y t q / u u 1 4 0 4 9 , 1 U n t i j M s j n w / U n A r y t v f G j q f 1 + W f g f q r t  
t v h r s f q u z g a h f i t j r 4 ; < 6 , 1

I v j z i / V 1-5349,1 H y z i t x x t g v f m x j v f 1 l s V 1 l v j z i / R g v f x F t r u q j y f x Ó H y z i t x x t g v f m x j v f + 0 1  
E f v j y t / y w i Y Y t q 5 / u u 1 < 0 7 5 : , 1 V t S f z q / V S = F t r u f s m f i f x Q y w f x 1 + W f g f q r t t v h r s f q u z g a h f i t j r 4 ; < 6 0 4 ; < 8 , 1

I v j z i / V 1-4 < < 9 , 1 S w q y t u f v z r f u x t h t q l r i h j s y k h f 1 l s V 1 l v j z i / H n t x y f s i f w g v f x r a j n f i f x t g v f x  
u x t h t q l r h f x h t r u q j y f x i j V h r z s i l v j z i + M V f q r t / y w i Y Y t q 4 / u u 1 6 7 4 0 7 ; 4 , 1 U n t i j M s j n w / U n A  
l r f l t 1 + W f g f q r t t v h r s f q u z g a h f i t j r 4 ; < 8 , 1

I v j z i / V 1-4 < < 9 , 1 F f y f 8 5 1 l s V 1 l v j z i / H n t x y f s i f w g v f x r a j n f i f x t g v f x u x t h t q l r h f x h t r u q j y f x i j  
V h r z s i l v j z i + M V f q r t / y w i Y Y t q 4 / u u 1 5 ; 4 0 5 : , 1 U n t i j M s j n w / U n A r f l t 1 + W f g f q r t t v h r s f q u z g a h f i t j r  
4 ; < 9 , 1

I v j z i / V 1-534<, 1 D r s j w v j y f t i t x x t s n t x 1 l s V 1 l v j z i / R g v f x F t r u q j y f x Ó D r s j w v j y f t i t x x t s n t x  
+ 5 1 F 1 i j V t z " f / y w i Y Y t q 7 / u u 1 3 4 0 6 9 , 1 V t S f z q / V S = F t r u f s m f i f x Q y w f x 1 + W f g f q r t t v h r s f q u z g a h f i t j r  
4 < 3 3 , 1

I vizi /V1-5348, 1Sj wt sfl j sxuxht u ynt xst uf dnt 1ls Vll vizi /RgvfxLsht r ugjfxij Vhr zsi I vizi ÓDvj/ qj vjzvj txfvxyfx+Hf nf|j x/yvi Yuu178085, 1Ej d Kt vlt sj /P J =Dzy syhf H ryt v1+Wfgf qnt t vñ sf q uzgqñfi t jr 4<3804<39, 1

I vizi /V1-4<<9, 1R Gj qnt j t xts ntxsf J vfi pfi j Z 1Nlsxj s 1ls Vll vizi /H n t xfsi f w gvxqj nvi fx tgvfxuxht q/ rhfxht r ugjfxij Vhr zsi I vizi +Mvf q r t/yvi Yvt d</uu14<Q; , 1Unt i j Mlsj nv/UNA- lr fl t 1+Wfgf qnt t vñ sf quzqñfi t jr 4<3; , 1

I vizi /V1-5348, 1R ut jf j t kf syxfri vls Vll vizi /RgvfxLsht r ugjfxij Vhr zsi I vizi ÓDvj/ qj vjzvj txfvxyfx+Hf nf|j x/yvi Yuu186099, 1Ej d Kt vlt sj /P J =Dzy syhf H ryt v1+Wfgf qnt t vñ sf quzqñfi t jr 4<3; , 1

I vizi /V1-5348, 1Xr f q r gvñs f i j rskshri i j Qtsfwt i f Yrshrls Vll vizi /RgvfxLsht r ugjfxij Vhr zsi I vizi ÓDvj/ qj vjzvj txfvxyfx+Hf nf|j x/yvi Yuu19<0498, 1Ej d Kt vlt sj /P J =Dzy syhf H ryt vñ +Wfgf qnt t vñ sf quzqñfi t jr 4<43, 1

I vizi /V1-5345, 1Wj r j yfgz 1ls Vll vizi /RgvfxFtr ugjfx ÓWj r j yfgz/Ftsygnzn t mxy vñ i t r t/m jsyt uxthfsfqñht j tzyvxywfgf qnt x-61F li j Vtz" f/yvi Yvt d44/uu1: 04: 9, 1V t Sfzq /VS=Ftr ufsmñ i fx Q yvñ1+Wfgf qnt t vñ sf quzqñfi t jr 4<4504<46, 1

I vizi /V1-5348, 1R P t r x i j P rhnj dñs i j q 1ls Vll vizi /RgvfxLsht r ugjfxij Vhr zsi I vizi ÓDvj/ qj vjzvj txfvxyfx+Hf nf|j x/yvi Yuu14: 6054<, 1Ej d Kt vlt sj /P J =Dzy syhf H ryt vñ1+Wfgf qnt t vñ sf q uzgqñfi t jr 4<47, 1

I vizi /V1-5345, 1Ftsygnzn t mxy vñ i t r t|m jsyt uxthfsfqñht 1ls Vll vizi /RgvfxFtr ugjfx0 Wj r j yfgz/Ftsygnzn t mxy vñ i t r t|m jsyt uxthfsfqñht j tzyvxywfgf qnt x-61F li j Vtz" f/yvi Yvt d44/uu14: : 056: , 1V t Sfzq /VS=Ftr ufsmñ i fx Q yvñ1+Wfgf qnt t vñ sf quzqñfi t jr 4<47, 1

I vizi /V1-5343, 1Xr f i rhnz dñs i j f uxthfs qj 1ls Vll vizi /RgvfxFtr ugjfx ÓKxy vñ i j zr f sjzvxj rsksynt ntr jr i t x Agt xç/Dqr i t uvs hunt i t vñ" j wj tzyvxyj Sjt x-61F li j Vtz" f/yvi Yvt d47/uu14: <0 4: ; , 1V t Sfzq =Ftr ufsmñ i fx Q yvñ1+Wfgf qnt t vñ sf quzqñfi t jr 4<4: , 1

I vizi /V1-5353, 1Dqr i t uvs hunt i j vñ" j vls Vll vizi 1RgvfxLsht r ugjfxij Vhr zsi I vizi ÓDqr i t uvs hunt i j vñ" j wj l s xj r x i j x q x v u s " n u x b P 1U1V1P t vñ x/yvi Yuu18: 0553, 1Ej d Kt vlt sj /P J =Dzy syhf H ryt vñ1+Wfgf qnt t vñ sf quzqñfi t jr 4<53, 1

I vizi /V1-5344, 1Dzyt grñ l vñrñ 1ls Vll vizi /RgvfxFtr ugjfx ÓR j z j t ñ/Dzyt grñ l vñrñ j tzyvxyj Sjt x-61F li j Vtz" f/yvi Yvt d49/uu1: 8049: , 1V t Sfzq /VS=Ftr ufsmñ i fx Q yvñ1+Wfgf qnt t vñ sf quzqñfi t jr 4<58, 1

I vizi /V1-5348, 1Gt xyt n|xprj t uf vññ i rñ 1ls Vll vizi /RgvfxLsht r ugjfxij Vhr zsi I vizi ÓDvj/ qj vjzvj txfvxyfx+Hf nf|j x/yvi Yuu15: 60638, 1Ej d Kt vlt sj /P J =Dzy syhf H ryt vñ1+Wfgf qnt t vñ sf q uzgqñfi t jr 4<5; , 1

I vizi /V1-534: , 1Dfs qj ks ryf j f rsksyf 1ls Vll vizi /RgvfxLsht r ugjfxij Vhr zsi I vizi Ó l zsi fr j syt xi f hqñrhf uxthfsfqñht = 1Gt vsgzxhñ/yvi Yuu16480697, 1Ej d Kt vlt sj /P J =Dzy syhf H ryt vñ1+Wfgf qnt t vñ sf quzqñfi t jr 4<6: , 1

J f vññi Qut " f/OID1-4<; 9, 1Dhfx t f yvujyn t jr uxthfs qj =zr f r sywiz t yjt vñ i f xuzq j x1Unt i j Mlsj nv/UNAñ vj \_f mñ vñ 1

lfssrsrJ 1-534; ,1Huxyr tqlri fuzqt=fsyxfri/hnshri/r ryt 1ls Vll vjzi 1Rgvfxlsht r ugjyfxij  
Vhr zsi l vjzi 0Dxuzq jxj xjzxi jxystx-51K1W| f vjx/ywi Yuu1<40466, 1Ej q Kt vlt syj /P J =Dzy sythf  
H ryt v1

lfssrsrJ 1W| f vjx/S1K1( Utr t /WO1F 1-5354, 1Hxvj| j wf hqs rnf =vjzi j syvj f hnshri j f qj vryz v1ls V1  
l vjzi 1Rgvfxlsht r ugjyfxij Vhr zsi l vjzi 0Kxy vif hqs rnf x=hrs ht hfxt xuf v1i rhr ytht xif hqs rnf  
uxrhfs f qj rnf -WO1F 1Utr t /ywi Yuu14805; , 1Ej q Kt vlt syj /P J =Dzy sythf H ryt v1

Qzvjrv/U-5339, 1Q" j xj xtr gvfx1l vjzi j t fi | j syt i f uxrhfs qj 1ls D1P 1Mh 0r qj q /D1D1O1l j vjrv  
( l 1WSt vzl f qRwxl /Kxy vif i f uxrhf q / rnf =vz r txj uj vzxvtx -uu16: 405; 9, 1Uti j Msj rv/UAQfz H 1

PfsstsrP 1-4<<, 1Hfxs t xfgjr t vzj i r jr =Yrvrs r Ztt q f x r z qj vjxj f uxrhfs qj 1Uti j  
Msj rv =At vj \_f nfv H 1

Pfxts/MP 1-4< 9, 1Dht vjxutsi shrf htr ugjy f i j Vhr zsi l vjzi uf v1 Z r qj q l qj xx 04; ; : 04<37 -uu1  
5; 905; ; , 1Uti j Msj rv =lr fl t 1

Vm fspj /U1W-533<, 1Duxrhfs qj kvzi rnsf j f i z f qj f i j j syvj hnshri xsfyz v1rxj hnshri xnzr fsfx1  
Vhjsyn xjzi r f /: -5, /55405681i t rnyyux=22 t r t w 24348<32/49; ; 06499533<333533337

Vm fspj /U1W-5343, 1R vzj f kqj xt kfi i f uxrhfs qj j t vzj j q s t 1HVG ÓH zhf t Vjr ythf  
Grh rnf q44/4; <05471i t rnyyux=22 t r t w 243536<92j yi | 44rj xu1k39

Vm fspj /U1W( Ff wuvjxt /l 1-534; , 1Ftsxri j v1 jxuvj qj rsvjxfhj vnf i j zr r ytit mxy vnt 0  
htshj ryzfqufvf uj xvzxf yj vnf jr uxrhfs qj 1ls Oll zq shrt j yfq-Rwxl /P t i f qj f i j x i j uj xvzxf jr  
uxrhfs qj = yti txj t g qj rnf tx -uu18809; , 1V t Sfz q =fl t i t s r l

Vytitw/HIWF nfv | j x /Z 1FV( Vrqf /P 1O1-5353, 1l vjzi j f vzj xy t i t k j r rs r t =uvjxxz utxyt x r ytht x i f  
uwythf hqs rnf 1 l t v /56-6, /: 5Q 41i t rnyyux=22 51 t r t w 24348<324; 3<077475353336343

# gi PXShWORSg a Of UW\_O\_WOROGH Wj WWWWORS RO a i \_VSf

## SbQOf Qsf ORObc Pf OgW

P DUJ IQDQ\_LHG VXEMFWYLVHVKHIQYVMEIQVY RI LP SULVR QHG Z RP HQ IQ EUD\_LO

Mddqd Agvh Aqgu , Jxddqr Sddhv Mhqghv , Fdeuqh Fhuhlud gr v Sdqwv , Jxddqd gd Pd|| r Axufk , Ld' vd  
Rr guj xhv Vldqd Mr uhlud

### f Sgi a c

Dhqwh r v s ulqf ls dlvsur edhp dv gr vlvhnp d s ulvr qdoqr Budlq ghwdf dp -vh d idad gh hwxwud i vlf d dght xdg d, d vxs hwxw d r h d s hushwx d r gd ylr o qf ld gd vlx d r gd p xdkhu hqf duf hudgd. Thp -vh, fr p r r erhvlyr ghwd s hvt xlv d, glvfxw d s ulv r fr p r dp hd d vx erhvlylgdgh gdv p xdkhuv gldqvh gd lqylmldgdgh gr hqf duf hudp hq w ihp lqlqr qr Budlq d sduw gh xp d der ug dj hp t xddvlyd gh xp d uylv r ele dr j u ilf d qduvlyd. Nhwh uhr uwh gh j qhur vre d vlf d s vfro j lfd h v r f l d p s rwyho fr p s uhqghu dv qhf hwlgdghv lqvqvhf dv t xh v r ehs xrdp vhxv hwp x s v hqt xdqw ghv hq w udv gh vl h r t xdqw r v vhxv dqvhr v s r u glj qlgdgh hwr v hqgr duhihf lgr v s h o vlvhnp d f duf hu dr. Nr xj dur qgh r v fr u s r v i hp lqlqr v v r ds ulvr qdgr v fr p r p hglgd s xqlvlyd h h l s h u h q f l d p xp d gxs d s xql r dr v h u p lqylmld dgr v ghqwr gr f uf h u, xuj h d qhf hwlgdgh gh s r o v f dv s e d f dv h lqvuyh q hv s v f r o j l f dv t x h f r q v g h u dv h v s h l i l f l g d g h v g d p x d k h u h q f d u f h u d g d h d f r o t x h p h p v l x d r g h l j x d g d g h, v d e d k d q g r q r u h r q k h f l p h q w g d v s r v h q f l d d g d g h v l q g l y l g x d l v.

**du'u00uE5w-u00y:** Slvhp d f duf hu dr ; p x d k h u v ; l q y l m l d g d g h.

### OPghf OQH

Ap r qj vkh p dlq s u r e d h p v r i v k h s u v r q v' v h p l q B u d' l q v k h a f n r i d g h t x d v h s k' v l f d o v w x f v x h, r y h u f u z g l q j d q g v k h s h u s h w x d v r q r i y l r d n q f h l q v k h v l x d v r q r i l q f d u f h u d v g z r p h q v d q g r x w T k h r e r h f v l y h r i v k l v u h v d u f k l v w g l v f x w s u v r q d v d v k u d w w z r p h q f v x e r h f v l y l w l q y l h z r i v k h l q y l m l d w r i i h p d d h l q f d u f h u d v r q l q B u d' l q e d v h g r q d t x d d v l y h d s s u r d f k r i d q d u d v l y h e l e d r j u d s k l f u h y l h z . T k l v j h q g h u f x w i u r p d s v f k r o j l f d o d q g v r f l d o s h u s h f v l y h d o z v x v w x q g h u v d q g v k h l q v l q v l f q h h g v v k d w r y h u f r p h v k h l u v l p x d d v v k h' k r o g v k h p v h q h v d q g k r z p x f k v k h l u' h d u q l q j v i r u g l j q l w d u h f r r d n g e' v k h s u v r q v' v h p . l q d s a f h z k h u i h p d d h e r g l h v d u h l p s u v r q h g d v d s x q l v l y h p h d v x u h d a g h l s h u h q f h d g r x e d h s x q l v k p h q w z k h p d g h l q y l m e d h l q v l g h s u v r q, s x e d f s r d f l h v d q g s v f k r o j l f d o l q v u y h q v l r q v v k d w f r q v l g h u v k h v s h f l i l f l v h v r i l q f d u f h u d v g z r p h q, s a f h v k h p l q d q h t x d o v l x d v r q d q g u h r j q l' h v v k h l u l q g l y l g x d o s r v h q v l d o d u h x u j h q w

**ZyaUAExE** Puvr q v' v h p ; z r p h q ; l q y l m l d w .

J v i z f s i f i j S x r h t q l r i u j d f l f h z q f i j i j l a n z x F H V X S L 1 F t s y f t e f v i s f r i x C n t y r f r e h t r

J v i z f s i t j r S x r h t q l r i u j d f l f h z q f i j i j l a n z x F H V X S L 1

J v i z f s i t i j S x r h t q l r i u j d f l f h z q f i j i j l a n z x F H V X S L 1

?Sxrh q l f u j d f l f h z q f i j i j l a n z x F H V X S L 1 S x d v i z f s i f j r V y v u r i F t l s y r h t F t r u t w f r j s y f q u j d f S t s y r k h r f X s r j v a r i f i j F f y q h f i j P r s f x J j v i r x l

<sup>8</sup>Sxrh q l f F U S 36"<3; 9, / H u j h r i o p y f j r S x r h t q l r i n i w i r h f j D l f a f t S x r h t q l r h f 1 G t h j s y j i t h z w t i j S x r h t q l r i f l f h z q f i j i j l a n z x F H V X S L 1

**r M f** D s f Q z x f Y f d i f v j x C f s " f J z m f w j x

**e** f4; 23; 25357

**n** f3; 23725357

**a** f5624525357

**p** = D s i w / P 1 D Y P j s i j x / M V Y V f s y t x / l 1 l Y D z v h n x / M i f S Y ( P t v j r w / O I U Y 1 5 3 5 7, 1 V z g y r i n i f i j x r f w r s f q l f i f x = D r s | x r g r a p f i j i f r z a n j w j s h f v l j v i f s t E v f x r a p P t x f r h t = H y z i t x j r S x r h t q l r i / 4 5 - 4, / 6 < 0 8 7 1



## WÍÉAxÓ À

Griipdq (1987, s. 24) lqwr gx“ rv Óurfhwrv gh prwlfdr r gr hxi frpr surfhwrv gh sdgur ql“d hv txh h|hp sdilfdp r ixqlrqdp hqwr gd vdaq r qrupdd“dgrud gdv lqwlxl hv. A vxerhlylgdgh, sr wdlqr, dedd“dgdp hqvn fr qvlghudgd xp dsur gx r vrfldoh, fr qvht xhqvn hqvn, fr dnyd. Aghp dlw, hvs hfldq hqvn qr fr qvn|w gdv lqwlxl hv, d vxerhlylgdgh sur gx“lqd qdv su vlf dv glvfxwlydv h q r-gl vfxwlydv, xp dyh“ txhr glvfxur sr gh vxerhlyduvh wdlqr txdqr dvsu vlf dv.

Nhwh vhwlgv, sr ghpr v dilup dut xh glyhwdv sr ghpr vhwv pr vlyd hv txh yhqkdp d dnyduj uxsrv rx phpeur v lvr ægrv gd vrfilgdgh d frp hvhup dvr gh glvixq r vrfldoj dyh, frpr ixur v, uxerv, krplf glr, fr qwddedqgr gh gur j dv loflvd, hqvn rxwrv. Pdud wgdv dv flufxqwqldv, r f glj r shqdos hør ghfhur -dl qx2.848, gh7 gh gh“hp eur gh 1940, ir lqwlxl gr dilp gh txh dvvdq hv gh fdgd dvr lqiudlr qdo vhrdp lj xdp hqvn dwlex gdv hp wgr r vhwulur qdflr qdo frp surp hvhaggr -vh frp d xwv d (C glj r Phqdo 1940).

Nr hqwdqr, dsuv r sdud shwrv dvgr j qhur ihp lqlqr, hp xp d shws hf vlyd klwufd, fr qkhf lgd sruf r qyqlhqv hqvn sr qvxdud pr vlyd r gd fulp lqdd“d r edvhdaqgr -vh qr j qhur. Cxæwddp hqvn, d edl|d h|shf vlyd gd vrfilgdgh hp yhu p xdkhuv lqvulgdv qr fr qvn|w fulp lqdd edvhgd hp hwlj p dv khvur flvqr up dmyrv gh j qhur, thvæd qr ghvs uhsdur gr vlvhp d suv r qdoh p dl lp l“d vxd fr qghqd r, xwddp hqvn shærfxs d r ghqwr gh xp hvs d r txh ir j hgd lghdd“d r gh p h, hvs r vdhgr qdgh fdvd.

Nhwh ufr v h gh j qhur, shf heh-vh txh, dop gh vhwv fr us r dsuv r qdgr frpr p hglgd sxqlvlyd dr loflw, dp xdkhuylyh xp dgxs æs xql r dr vhwlyvleld“dg ghqwr gr vlvhp d fduf hu ur. Dldqv glwv, dnydvdgr r v h xlvht txhwv qdp hqwr: hqt xdqwr lqwlxl r wvæd dsuv r xp ddp hd d vxerhlylgdgh gdv p xdkhuv dsuv r qdgdv? A kls vhwv gh txh vlv hvs d r v j hrj u ilfr v lqylvleld“dp, qhj dj hqfldp h hwlj p dv l“dp dv qhf hwlgdghv j æedlv gr j qhur ihp lqlqr, sxqlqgr -dv gxs æp hqvn shør q r fxs up hqwr gr vhx s ds hovr fldo

Awlp, r shv hqv v wæddk r sur s h der ugdv r euh rv lpsdfwv gr vlvhp d fduf hu ur ihp lqlqr eudvdlur qd vxerhlylgdgh gd p xdku fr qvlghudqgr d glq plfd gr hqfduf hwdp hqwr ihp lqlqr uhs dæd gh qxp hur vdv vlv d hv gh dexrv, lqylvleldgdghv h shugd gh gluhlrv j dædvlgv r s r udl, dilp gh ir p hqvud glvfxw r v r euh hwdvly qfldv frp xp hqv h j qr ugdv s hør Ewægr.

Fuhqv dr v ghvdlir v gh v hup xdku hqfduf hwdgd hp xp d vrfilgdgh txh fxwæd h j lvp -æ frpr xp vhwv rldog lwlqr gdv fr qglfr qdqvhp dvfxddqdv, xj h fl qfld svfr o j lf d dwxp luxp s ds hohp h j hqv gh frp edv h ylr æ r gd vxerhlylgdgh ghvæd p xdku A sdulughv h udlr f qlr, gh ixqgdq hqwdolp s r wqfld frp shhagghu dv qhf hwlgdghv lqwaqvhdv ghwdv p xdkhuv, r txh v r euh xrd vhxv hwp xæv hqt xdqwr ghv hqv udv gh vl h r txdqr r v vhxv dqvhlrv s r uxp d ylgd glj qd ir udp rx hwr v hqgr duhihflgr v shør vlvhp d fduf hu ur, sdud txh r fxs up hqwr gh vxdv shqdv vhræd h d hlvhu r qd vrfilgdgh, s r i fx d.

A phwgr æ j ld xlvæ“dg d fr qvlv h xp d der ugdj hp txdævlyd, frp r erhlyrv h|s æ uduv, v hqgr r v s r fhglp hqwr vwf qlfr v r evlgv dædy v gh xp d uylv r qduvlyd. Tdop hwgr æ j ld æs shv hqv xp d vhp vlf dp dlvdewæd; glilf lq hqv s d v h gh xp d txhwr hvs hf ilfd ehp ghilqlgd, q r h j lqgr xp s r wfr æ

uj lgr s d d v d fr qihf r ; d exvfd g d v i r q v h v q r s u -g h v h u p l q d g d h h v s h f i l f d , v h q g r i u h t x h q v h p h q v h p h q r v d e u d q j h q v h i (Cr u g h l u r h f r æ d e r u d g r u h v , 2007, s. 429). S h q g r d v l p , r v d u l j r v v h u r v h d n f l r q d g r v g h p d q h l u d d u e l v u u d , f r q v h q g r x p j u d q g h y l v x e r h v l y r h q r q h f h w d u d p h q v h d s u r i x q g d q g r -v h h p w s l f r v h d n q f d g r v .

P u r s h -v h d g h d q h d u d s u l v r f r p r s x q l r h l q w x p h q w g h v h j u h j d r v r f l d o d s d u l u g h x p d s h u s h f v l y d g h j q h u r , i r p h q v u d g l v f x w r g d l q y l v e l d g d g h h y l r æ r g h g l u h l w v , l q y h w l j d u r v h i h l w v p d j l q d d " d q v h v g r f u f h u h p d v s h f w v x e r h v l y r v g d v p x d k h u v q r B u d l o h d s u h v h q v u s r w l e l d g d g h v g h s r o v l f d v s e d f d v h l q v h u y h q h v s v l f r o j l f d v , f r p r r e r h v l y r g h f r p e d v h u d v l y d p h q v h d y l r o q f l d h w x v x u d o h d u s u h w r g d v y h d k d v l q w l w l h v .

O u d e d d r , s r u d q w , v h u g l y l g l g r h q v h v u v h h v , d v d e h u g h d p l v d q g r d Æ u l v r f r p r s x q l r h l q w x p h q w g h v h j u h j d r v r f l d o d s d u l u g h x p d s h u s h f v l y d g h j q h u r i (1), s r w h u r u p h q v h d e r u d q g r d Æ q y l v e l d g d g h g d v p x d k h u v s u h d v h r v h i h l w v p d j l q d d " d q v h v g d v s u l v h v i u h q v h d r v v h x v g l u h l w v h v x e r h v l y d g d g h v i (2) h , s r u i l p , h d n q f d q g r d q x p d v g d v Æ r o v l f d v s e d f d v h l q v h u y h q h v s v l f r o j l f d v t x h y l v d p f r p e d v h u d v l y d p h q v h d y l r o q f l d h w x v x u d o h d u s u h w r g d v y h d k d v l q w l w l h v i (3).

## **Ο Ἀἰῖ Ἀνᾶ ἈἈῶἈ" Ἀγ"Ἀἰῖῖῖ yÁíÀxy Êy"Êy"u ἈἘἈwᾶ² u ἈuἘἘ"Ἐxy Ὄ³ u ἈyἘἘἈyᾶᾶ"ᾶxy" ἈyἘἈ**

A s d u l u g d v l f d p h u f d g r o j l f d , d p d l r u y l u x g h v r f l d o g r v f x σ X X I h w w v x w h q v d g d q d r e v h q r g h e h q v g h f r q v x p r g h f l f σ f x u w , f x r d r e v r d n v f q f l d g r v s u r g x w v j d q k r x w d v x v g h q r u p d d g d g h g h q w r g h g l y h u r v v h j x l p h q w v g h p h u f d g r . Q x h w h v f r p r p h u l w f u d f l d , u d j l r , r x d w p h v p r r t x h v h u x p d s h w r d g h v x f h w r h w r g l u h v l p h q v h d j d g d v d x p p r g x v r s h u d q g l f d s l v d d v d t x h h w w w v d q p h q v h h q u d l " d g r h p q r v d v r f l h g d g h , h t x h g l v d r t x h v h u x p d s h w r d i h d " r x v d v h g l d q v h g d y l g d . D l d q v h g l w r , q h w h s u r f h w r g h f r q w r d r , r f d s l v d d v p r f r q w u l y l v h v g h p x q g r e d v h d g d v q r p d v h u d d v p r , i d " h q g r f r p t x h d v s h w r d v y l y d p h f r q v x p d p x p p x q g r i d e u l f d g r s d d h w h i l p , d e v r u y h q g r v r α h v s d d d v v x d v d q j v d v d v e d i r u p d g h q h f h w l g d g h g h f r p s u d (P d u v , 2019). V l y h u i r u d g h v g h p x q g r i d e u l f d g r x p g h v d i l r s d d x p d v r f l h g d g h w r l p h u d h p x p f r v l g l d q r s u -p r æ d g r , r q g h r s u r g x w g h p d l r u y d σ u w u r x -v h d f u d r g h x p d h l s h u l q f l d t x h j h u h f d g d y h " p d l v f r q v x p l g r u h v .

A l g h l d i h v l f k l " d g d g h y l r o q f l d j d q k d h v s d r g l d q v h g d y l w u d q h r d e h u d o q r f d p s r s r o v l f r h l g h r o j l f r , f x q l q d q g r q r i r u d n f l p h q w g d h p h j q f l d g h x p E w d g r P h q d o q r α j d u g h x p E w d g r S r f l d o (S f k h u h y N x q h v & A σ u d a g r , 2020). A g l p l q x l r g r v s d g u h v g h s u r v h r r e r h v l y d Q e d u f d u r f r q w r d n s x q l v l y r g r f u l p h q x p d f k d y h s r u r j u i l f d h j h u h q f l d d v d , s r l v d q r l q y l v y h o g r p h u f d g r ' v x v l v d r ε x q k r g h i h u r ' g r E w d g r P h q d d . D h w d i r u p d , v h p -v h x p v h r u s x q l v l y r g d s r o v l f d s e d f d , d s d f d q g r -v h d r v s u r j u d p d v r f l d l v s d d r v s r e u h v h n w w d f u l p l q d o C d e h d i l u p d u t x h v d o f r q f h s r v h r u l j l q d g h x p s u r r h w s r o v l f r t x h g h v f h q g h g d l q v h j x u d q d v r f l d o h v h x v h i h l w v g h v h w d e l d " d g r u h v (W d f f t x d q w 2011).

C r p l w r , h g l d q v h g h x p f h q u r g h s r e u h " d , p r q w d -v h r d p e l h q v h s h u h l w s d d t x h d s u v l f d g h f u l p h v f r p r i x u w v , u x e r v h q v h r x w r v d j d g r v r e v h q r g h u h f x u r v v x s u i α r v v h r d p x p d s u v l f d u h f r u h q v h . N r h q w d q w , i æ j u d q v h , h p v x d p d l r u d , d s d u l f l s d r g d v p x d k h u v h p f u l p h v u h æ f l r q d g r v d r x v r x v u i l f r g h g u r j d v (l q i r s h q , 2019), f r q g l r h p j u d q g h s d u h d d j d g d f r p r i l q d d g d g h g h r e v h u

uhfxur vsdud dp dqxvñq r gdidp dd,txhwwr wr ehþ revhuydgds ruDlql" (2015, s. 211) vr euhshvlgf udv gds hqlvñqfl udihp lqlqdggr Dlwwlw Fhghudo

Eðlv hudþ p xðkhuv fr p xqv, gr qdv gh fdvd, dp exðqñv, rx hp shj dgdv gr p wlf dv, txh xp gld uhr gñudp ðydgur j dvqr fr us r sdu r vp dñgr vx fr p s dqkhur vqr shv glr p dvfxðqr. Ox txh dfkdudp txh huds r wyhohvfr qghuxp s dfr vñ gh fr fd qd hp edl r gdfdp d, rx yhqghus dp r qkd fr p p dfr qkd.

Ar sdwr txh vñ ghfuhw x pr ududd lqvhu r gr sreuh glj qlgdgh, h d vr flhgdgh sdwr x d ydð u"du p xlvw p dlv r Óñú hp uð r dr Óñú (Pdúv, 2019), d fup lqddgdgh j dqkrx fr qvñ w gh qr up dðgdgh, h vxds r oñf dv gh fr p edvñ wp vlgr ht xlydðqñv dr gh fds vx udu dqlp dlv iur "hv h ðq -ð v hp rðx ðv vx rðv, ds lqkdqgr -r v hqt xðqwr kr xyhu hvs d r. Nhwhñ s ur fhwr, qr v fdeh, hqt xðqwr vr flhgdgh, h dr Ewðgr hqt xðqwr vxw u gdv uhj udv, thidvñup r v dfhufd gdv fr qgl hv uhdð hqñv qhfhw udv sdu d txh vñ fr qgx" d xp lqgly gxr dr f ufhu, gh pr vlyd hv txh v r dgyllgdv gh xp d vr flhgdgh r qgh q r h l lwhñ ht xlgdgh, rx dr p hqr vds du lgr pr p hqv hp txh kdr j du dqvld gh flyldgdgh v ghvñqvð.

Shj xqgr r ðydgvdþ hqv glyxð dgr shð Wr uð Fhp dñ lp s uvr qp hqv Llww(Wdð vñ', 2017), r hqfduf hudþ hqv r p wgr gh fr qvñq r gh fr qghqdgr vs hð ñwv d p dlv xlvð" dgr qr p xqgr, uhv r qv yho s r up dlv gh r q" h p lð hv gh shwr dv ds uvr qdgdv hp hglilfd hv p xlvð yh" hv shf udv, ghqvñ dv txdlv p dlv gh 714 p lov r p xðkhuv. Dhvfr qvlghudqgr dv pr vlyd hv shð v txdlv fdgd s dv fr qvlghudr txh fup h fr qvð d vr flhgdgh gh dfr ugr fr p d vxds u sdu dñ lð r, p lwhut xh, p hvp r hwðqgr p dj hp gd ðl, r hqfduf hudgr p dqvñqkd uhv xdugdgr r v vxv gluhl v hqt xðqwr vñukxp dqr, vðot xðodfr ugdgr qd Dhfðud r Uqlyhudogr v Dlhlv v Hxp dqr v (1948). O Budmo r ylj vlp r vñ w s dv txh p dlv shqgh qr p xqgr, vñqgr 322 shwr dv shvdv d fdgd 100 p lokdelvðqñv (Slgyd hwdð, 2021). Eqvñvðqwr, r fxs d d vñf hlud s r v r hp q p hur devr ðw gh shv r v, vñvð" d qgr 748.009 hqfduf hudgr v hp xqlgdghv s uvr qdlv (lqir shq, 2019), s hugh qgr ds hqdv sdu d Cklqd h r v Ewðgr v Uqlgr v.

Cr p r dgyhqv gds dqghp ld gh COVID-19, hp txh r s uqf s lr p dlr ugh fr qwj lr hud d dj ð p hud r gh shwr dv hp xp p hvp r dp elhqvñ, xp grv dgr v gh j uðqgh shrfxs d r hwðydp qr v vñvñp dv fdufhu urv, r qgh dv fr qgl hv gh vxshvð r h gh hwvñvð shf udu hudþ s r uðv dehuðv sdu d xp d yhudghlud fkdflqd p lfu elro j lfd. Ep p dur gh 2022, ðlp r er ðvlp glv r qleld" dgr shð Cr qvñðr Ndf l r qdogh Jxwv d, ir uðp uhj l wðgr v 108.358 f dv r gh Crylg- 19 qr vñvñp d s uvr qdoeudvñur, q p hur v thihuhqvñv ds du lgr lq flr gds dqghp ld hp p dur gh 2020. Eqvñ hwvñv f dv r v, 75.337 ir uðp fr p s r wv s r u shwr dv shvdv h 33.021 s r uvhuygr uhv. Qx d qwr dr v elv v, ir uðp uhj l wðgr v 320 shv r v h 341 vñvylgr uhv. Tdlv q p hur v ir uðp dp hql" dgr v xp d yh" txh 35 p loghvñqv v ir uðp ðe hudgr v gr vñvñp d s uvr qdod ilp gh f xp s u lhp s u v r gr p l f lðdur x p r qlw u d r hðvñ qlfd.

Nr hqvðqwr, r Budlov r iuh fr p j udyhv iddkdv qd fr ehux udyf lqdo idvð gh vñvñv h vxqr vñlfd hv gr v f dv r v gh fr ylg-19, q r vñqgr s r wyhoj du dqvut xh wgr v hwvñv s ur ðhp dv q r dðdq du d p r vñvñp d s hqlvñqfl ur. Cdydð d qw(2022) ds r qvð sdu d xp d qhj dj qfld gr Ewðgr, xp s ur fhwr gh qhfur s r oñf d txh, dr lqvñvñl r qdð" du d ylgd gr v hqfduf hudgr v, ghflglx shð fhwdp hqv gdv vxdv ylgdv dr q r dgr vðu dv p hglgdv s ur ilo vñ dv dght xdgdv qr hqiuhqvðp hqv gds dqghp ld.

Ep vxd reud Ólj ldu h Pxqlú, Fr fxdðv(2013, s. 296-337) ghvñf d txh r pr ghð gh s uvr d vðo fudgr hqvñ r ilp gr v fxð XVIII h lq flr gr v fxð XIX m ir l fr qf helgr fr p r lqvñv gh sxqlu h gh



vaðqvir updugrv lqgly gxr v. Prusduhfhu xpdir up d pdlv lp hglðvð h flylð“dgd hqvð wgdv dvshqdv, vðo ixqgdþ hqv gxsð vh frqvr dgr x qrvlvðp d sðlv r qdð O vlvðp d fdufhu ur, dqqðdvðgr v r e d dñt xlvðvud ixqflr qdogr Pdq svfr, uhvðvð xp d hvðvðvud s u sld gh s ur fhglp hqv v glvls dqqðv t xh ylvðp r Ö r us r g flð grv kr p hqv. Cr p r d r elr s r o v f d gr Ewðgr, d v h j u j d r f æ l d p h q v ð s r v x l v j q l i l f d g r g h x p d p d j l q d d “ d r g h s r s x æ l h v t x h, m q r p d l v v l v v r f l h g d g h, v r d n y d g d v d r f u f h u h v a d q v i r u p d g d v h p y l g d v q x d v s h æ l i d v d g h u d n y q f l d v r f l d o h g h g l u h l v v.

lp s r u a d q v ð u h v d v d u t x h r B u d l o q r f d u h f h g h d l v, p d v g h l q v u h v h h p h q y r g y h u x p d p l q r u d æ p h q v ð y h p h q v ð l q y l v y h o d r v r d k r v g d v r f l h g d g h h, h v s h f l d p h q v ð, g r P d u æ p h q v r. O v l v ð p d s u l v r q d o e u d l v d l u r v ð p d s r o v f d g h u h v r f l d d “ d u h s x q l u r v d s u l v r q d g r v s h o v f u p h v f r p h v l g r v. E p e r u d r E w d g r e u d l v d l u r, s r u p h l r g h v x d d j l v æ l r, s r v x d r g h y h u g h m g d u h s u h q g h u x p l q i u d v u v æ p e p v ð p r g h y h u g h j d u d q v u d g l j q l g d g h h d l q v ð j u g d g h i v f d g h w g r v r v h q f d u f h u d g r v. E q v u h v a d q v r, g h d f r u g r f r p M d u t x h v (2019), v r r v h w l j p d v g h j q h u r t x h f r q g h q d p f r p s r u æ p h q v r v g h p x d k h u v y l w v f r p r l q d s u s l d g r v g h q v r g d v s u v h v.

O h w x g r g h A q g u h f l r d (2020) h y l g h q f l d t x h x p d t x d q v l g d g h v j q l i l f d v y d g d v p x d k h u v h p v l v d r g h f u f h u h v r i u h r v h i h l v v g d q h j d j q f l d, h v s h f l d p h q v ð q x p d u d d g d g h e u d l v d l u d t x h p d u f d g d s h æ l f u p l q d d “ d r g d p l v u d. A v d h v l q v u h v f l r q d l v y p v h g h v h q y r g y h q g r v h p q h q k x p s æ l q h r d p h q v t x h f r q v l g h u d k x p d q l “ d r g d h l h f x r s h q d o v a d q v j u h g l q g r r s u q f s l r g d g l j q l g d g h k x p d q d. A r p l w r g r E w d g r f r p u h æ l r d v d s u l v r q d g d v, d p d v u q l g d g h q r f u f h u h, j u d y l g h “, d v l p s d f d h v g r f u f h u h d r v i d k r v, d p d q x v ð q r g h y q f x o v i d p l d d u h h d i h v l y r v, d f r q f h s r g h s u l v r g r p l f l d d u r d e d q g r q r h d v y l y q f l d v l q y l v e l d “ d g d v g h w d v p x d k h u v v r r v s u r e d n p d v f h q v a l l v g r h q f d u f h u d p h q v i h p l q l q r q r B u d l o

O d w h j x u d p h q v r g r v g l u h l v v q d v s h q l v h q f l u d v u d d “ d g r g h i r u p d w r s u h f u d t x h d n y d h w d v p x d k h u v d g h v d s d u h f h u p h p p h l r v r f l h g d g h h g h q v r g h v l p h v p d v. A q j h æ l D a y l v, s u r i h w r u d h i l o v r i d q r u h - d p h u l f d q d q r w u d s r u v h x v h w x g r v h p s u l v r, u d d, i h p l q l v p r h f æ l w h, v a d “ x p d h l s d f d r s d u d d q h j d j q f l d s h æ l t x d o d v p x d k h u v q r f u f h u h s d w d p. S h j x q g r D a y l v (2018, s. 70), d n æ w l i l f d v y d p d l v i u t x h q v ð s d u d d q h j d j q f l d g l u h f l r q d g d v s u l v r q h l u d h v h v s h f l i l f l g d g h v h p w a r g r h q f d u f h u d p h q v i h p l q l q r t x h d s u r s u r g h p x d k h u v h q v ð d v s r s x æ l h v f d u f h u u d d r u g r u g r p x q g r u h æ l y d p h q v ð s h t x h q d.

A s u h f d u “ d r g r f u f h u h i h p l q l q r f r p h d s h æ l s h u f h s r g d v g h v h q v a l v h q t x d q v r v h u v r f l d o E l l w h x p v h q v l p h q v g h l q i h u r u g d g h t x h f r q v a d q v ð p h q v ð d o p h q v a l g r s h o s d s h o h l f o x g h q v ð g d v r f l h g d g h, t x h f r v x p d f r q g h q d u s d u d d o p g r y h u g l w, v h q v h q f l d a g r - d s h q d g h e d q l p h q v g d y l g d v r f l d o S r p d g r d l w r, p x l v a d g h w a d v p x d k h u v w p v h x v g l u h l v v u d e l d v d r v x s u p l g r v s r u h w a l u p h p s u l v h v v h p f r q g l h v i v f d v s d u d d e u j - æ v f r p g l j q l g d g h, h l s r v a d d p d x v v a d v v g h r u g h p i v f d h s v l f r o j l f d, i d “ h q g r f r p t x h d v p h v p d v v h v l q v a d g x s æ p h q v ð s u h v d v, u s u p l g d v h q t x d q v r f r u s r h h q t x d q v r h l s u h w r g h v x d l q g l y l g x d d g d g h (S f k h u h u d o, 2020).

D h w d i r u p d, d s u r s u r g d l q y l v e l d g d g h g d v p x d k h u v d s u l v r q d g d v s r g h s u r g x “ l u h i h l v v p d j l q d d “ d q v ð v q d v s u l v h v i u h q v ð d r v v h x v g l u h l v v h v x e r h v l y l g d g h v, q r f x p s u l q g r r v h x s d s h o u h v r f l d d “ d g r u h h w l j p d w “ d a g r - d v g h i r u p d p d l v d f h q v a d g d. N d v h r v h j x l q v ð, v h u r g h e d l g d v d v l p s d f d h v g h v a l l v i h q p h q r v f r p p d l v g h v a d k h v.

## O "ÁÖÉ"v<sup>2</sup>"xuxy xuÉ<sup>3</sup> Ó<sup>2</sup>-yÉyÉ ÁÉyÉuÉy ÁÉyzy'íÁÉ<sup>3</sup> uÉ" "Áu<sup>2</sup>áuíyÉxuÉ ÁÉÉ yÉzÉÁíy uÁÉÉyÓÉx'Éy'íÁÉy ÉÓv'í'Ö"xuxyÉ

Ddgr vds uhvqwdgr vshö Lhydqwdp hqwr Ndfir qdogh lqir up d hvPhqlvñqf l Udv (2019) fr qilup dp d h|lwqfld gdv ylr æ hv qdv lqwlxl hv. Shj xqgr r ðydqwdp hqwr, ds hqdv 6,9% gr v hwdehñflp hqwr v shqdlv ghwlqdp -vh h|fævlydp hqvñ d p xðkhuv, dv txdlv rfxs dp fhufd gh 5% gd sr sxæ r s ulvr qdogr Budmøht xhwp fr pr fup hvgh p dlr uiht x qfld dt xhðv uhæflr qdgr vdr wailfr gh gur j dv.

Av p xðkhuv gr f ufhu srwxhp fr uh fæwñ vrfldo h id"-vh qhfhw ur fr pshhghgur fr qvñ|w klwulfr ghwh ihq p hqr. Pdud dxw ud Anr vñhgh (2018), r hqfduf hup hqwr vhp sh vñ qilfr x p dlvgr txh s uyd r gh ðehugdh: hñ fr f d hp ghedvñ d lqylvleðgdgh h d vñd r gh h|wñp d ylr o qfld qr f ufhu. O sdgur fr f qldor ud hñj h dv p xðkhuv qhj uðv fr pr gluj hqvñv gr wailfr gh gur j dv, r uð kr p lfgdv gh fr p sdqkhlu vylr ðqwr v, xp dyh" txh r Ewvgr q r s ulr u" d f x p s ulfr p dv sr o l f dv s e d f dv gh fr p edvñ ylr æ r gr v v h x v g l u h l v.

A rsuhw r vrfldo p xlvñv yh" hv vxfp eh r lggly gxr p d j l q d d " d r. Cr pr fr qgl r gh sdv ghvñj xdp r Budmø v reus h rsuhw hv, j hudqgr xp d dp ð dp d gh fr qglfr qdqvñv txh dsrqwðp ghdehugdp hqvñ s d d xp ghvðwñ gr sr qwr gh ylvñd kxp dqr. Shus reu, qhj ur, kr pr wñ| xdp p xðkhuv hqvñ r xwv, deduf dp r pr vñ gd lqvñv h f l r q d d g d g h, g d t x l ø t x h g h vñ h q f r q w d g r q r v s u h v g l r v g r s d v, ixqflr qdgr fr pr r hñvñ vñs r gd ghvñ ud d vrfldo E fr p h w d ð q v ñ t x h s r g h p r v p h k r u f r q k h f h u d v p x ð k h u v h w g d d f r p s ð l g d g h t x h d v f r f d u p q h v ñ f d o g h s x q l r v r f l d o (K' u d v, 2020).

Oxw d p d q h l u d g h g h v ñ j l v p d u r g h e d v ñ v r e u h d v t x h w h v h v s h f i l f d v g h f d g d j u x s r s h u h q f h q v ñ d r f r q n q w r g d v p l q r u d v s r o l f d v n x w d p h q v ñ g h v s h u r q d d " d q g r - r v; g l æ l q g r v r e d j l g h g d l j x d æ d g h r v p d u f d g r u h v t x h f d u f v ñ u " d p f d g d v h j p h q w : f æ w ñ, j q h u r, u d d h v ñ u l w u r (Rlehlur, 2023, s. 31).

Aghp dlv, r dp elhqvñ s ulvr qdogluf l r q d s r x f d v y d j d v g h w d e d d k r, s r x f d v r s r u x q l g d g h v g h h w x g r h p h q r v d l q g d u p l w h v s r u h v s r u ñ r x ð l v u d v d h v d v p x ð k h u v. Pdud l o x w u d p h k r u g h d f r u g r f r p r u h æ w u r i h l w s r u M d u t x h v (2019), k d y l d p 24% g h s u h v d v h p d v l y l g d g h v æ l e r u d l v / g r p w l f d v, 25% s d u l f l s d q g r g h d ð x p d d v l y l g d g h h g x f d f l r q d o h d s h q d v 4% s d u l f l s d y d p g h d v l y l g d g h v g h ð l v u d r x h v s r u ñ. O u h æ w u r d l q g d d s r q w d t x h, g d v p x ð k h u v t x h w d e d d k d p, 87% h | h u f l d p d v l y l g d g h v g h q w r g d v s u v h v: d v l y l g d g h v g h d v s h f w g r p l f l d d u E v h i d w u f r q v h t x q f l d g h x p f r q g l f r q d p h q w v r f l d o g h s h q v d u d v l y l g d g h v g r p w l f d v f r p r d v q l f d v d w l e x l h v s r w y h l v s d u d h w h j q h u r.

Vdñ uhwdøut xh, qr sæqr svlfr o j lfr, dv p xðkhuv q r hvf ds dp gd f x æ d t x h f d u h j d p h, s r u l w r, w u d p - v h y v l p d v g r v h x s u s u l r n æ ð d p h q w h d ð r " h v g h v l p h v p d v, x p d y h " v h w u d p r r s r w r g d v p h v h | h p s æ l u v, i l d k d v s h u h l v d v, h v s r v d v k r q h w d v, v h q v l q g r - v h v d q v j u h w r u d v g h w h u h i h u h q f l d o g h p x ð k h u h g l i l f d g r s h æ v r f l h g d g h s d w l d u f d o (C d y d d k r & J d u g l d q r, 2017, s. 239).

Nhwh vñqvlg r, l p s r u d q v ñ v d " h u p r v g d g r v h s l g h p l r o j l f r v s d u d d g l v f x w r. O R h æ w u r F l q d o g d S h f u h v u d E v s h f l d o g h P r o l f d v P e d f d v s d u d d v M x ð k h u v h p 2008 p r w u d t x h d u h d d g d g h g d v l q w l x l h v f d u f h u u d v i h p l q l q d v s u h f u d, f r p s u g l r v u h i r u p d g r v, f d g h l d v s e d f d v p d v f x d q d v Ö l g d s v l g d v i s d u d d v g h v ñ q v d h s u g l r v s e d f r v g h v d v y d g r v, d o p g h f r q g l h v g h v i d y r u y h l v g h d v ñ q g l p h q w v s h w r d v f r p g h i l f l q f l d (M l q l w u r g d J x w l d, 2008). D h q w r g h w h v h v s d r v v x e - k x p d q r v h v x s h u r v l g r v, f r p d

lqiudhwwxwud ghidvdgd, idovd gh jxd r x fr qvdp lqdg, ddp hqvdp r lqdght xdg, wexad hv t xheudgd, r deddgr qr r t xh p dlv didj h dv ghvqvdp, t xh f x p s uhp vxdv shqdv h v r hvt xhflgdv shov idp ldduhv, dp ljr v, p dlvgr v, qdp r udgr v h dv shovildkr v.

Ar fr qixqgluglhlwvfr p ghyhuv, j hudgd xp d v hqvdp r gh qr up d dgdgh h s dwlylgdgh v r fldodr vdehu t xh p xlvdp p xdkuhv h|shulhqfldp vlvdp hv ghvxp dqv ghqwr gdv s dv hv. O dxp hqv gr hqfduf hdp hqv ihp lqlqr d p s d r x vdp e p d ylveldgdgh gr s u e d p d fr f dgr shad h|lwqfld gh j hwdqv h p hv t xh fr qlyhp fr p vhxvildkr v qdv s dv hv. Ewhv hvs d r v ghvldqgr v fr qly qfld p hildkr ghs hqghp gh fdgd hwdgr eudvdlur, s r ghqgr kdyhu dlv h s u glr v vhs d dgr v hvs hf ilfr v d hwd ghp d qgd. Aghp dlv, r vhp s r ghshup dq qfld gdfudq d nqv p h vdp e p glihuv s r uxqlgdgh.

O Ewdgr dr t x d o h w r v x e p h v l g d v h w d v p x d k u h v d k h v g l " t x h, h w d q g r j u y l g d v, g h y h p v h u p h v h g h y h p f x l g d u h d p d p h q v u v h x v i l d r v, h t x h g h y h p h q v h j - o v d r v f x l g d g r v g h v h f h l u r v t x d q g r d k h v i r u g h v h u p l q d g r. E w d v p x d k u h v t x h, h p 96% g r v f d r v, i r u d p s u h v d v j u y l g d v, y l y h p d p d v h u l g d g h q x p f r q v h | w i r u h p h q v h f r q v r o l g r h k l h u d t x l " d g r, h p t x h u h f h e h p d q p l w r i g h f x l g d u h s u v h j h u v h x v i l d r v v h p r s r g h u g h f l v u r h d d e h u g d g h g h d r q h f h w u r v s d u d i d " - o, y x a q h u d e l d " d q g r h y l r o l q g r v h x v g l u h l v v u s u r g x v l y r v (D l x d q d h w d o, 2016).

H x p d j u d q g h g l i l f x o d g h h p l q v h j u d u x p d s u v l f d g h d v h q r l q v h j u d o h d s u p r u d g d, h p v h w u h v u h r h v d g r v f r p r r v l w h p d s u l v r q d o N r v r w i l f l h q v h v d s r o l f d v g h v d g h s d u d t x h r d f h w r v d g h q h w h h v s d r v h r d j d u d q v l g r, x p d y h " t x h d v p x d k u h v s u l y d g d v g h d e h u g d g h d s u h v h q v d p g h p d q g d v h q h f h w l g d g h v s h f x d d u h v, h v r i u h p d v p d " h a v g d h | f o v r. A q h j d j q f l d v g h v h q v d v g h p r q v u d t x h d v r f l h g d g h s d x v d t x d o v s r g h v d g h v h u r i h u d g d d h w d f d v h j r u d l q y l v e l d " d g d.

O f r q f h l w g h v x e r h v l y l g d g h v d p e p u h p h v h P v l f r o j l d v f l r - k l w u l f d, f r u h q v h l q i a h q f l d g d s u l q f l s d o p h q v h s h o v s h q v d p h q v v g r s v l f o j r u x w r L h y ' V ' j r w n '. P d u d v o l o f r u h q v h, B r f n, F x u d g r h T h l | h l u d (1999, s. 91) d i l u p d p t x h:

Q (...) r v i h q p h q r v v r f l d l v q r v r h | v h u q r v d r v l q g l y g x r v q h p v r i h q p h q r v t x h d f r q v h f h p q d v r f l h g d g h h s r x f r w p d y h u f r p f d g d x p g h q v. O v i h q p h q r v v r f l d l v h w r, g h i r u p d v l p x o v q h d, g h q w r h i r u d g r v l q g l y g x r v (...) i.

v d e l g r t x h r v h u k x p d q r x p v h u v r f l d o h, f r p r v d o v h p q r r x w r r h t x l y d d h q v h d x p h v s h d r t x h u i d v h h d w l e x l v h q v l g r v v x d v h | s h u l q f l d v g h y l g d, h h w h v h q v l g r t x h q v g d p r v v q r w d v h | s h u l q f l d v r t x h f r q v u l r t x h v r p r v q r g h f r u h u g d v q r w d v y l g d v, f r q v l e x l q g r s d u d d f r q v u x r g d q r w d l q g l y l g x d d g d g h. A v x e r h v l y l g d g h x p p r y l p h q v v l q j x a d u h s h v r d o u h v x o v d q v h g d v h | s h u l q f l d v l q g l y l g x d l v h f r p r p x q g r q r w d y r o d, u i d v l q g r q d f r q v u x r g d t x l o t x h q v v r p r v (B r f n h w d o, 1999), v h r d g r s r q v g h y l w d g r q r w r v x f h w r t x d q w g d v q r w d v d a j v l d v.

P r u r x w r o l g r, v h j x q g r F r x f d x o v (2005, s. 11), v o l o f r q f h l w, h p v q v h v h, g h v h u p l q d g r s h a v s u v l f d v n o g l f l u d v r x n o g l f d v, t x h f r p s h p x p f r q n o q w g h u j u d v q h f h w u d v s d u d d p d q x v h q r g d r u g h p h p x p E w d g r h v x d v u h s h f v l y d v s x q l h v s d u d r v l q i u d v u h v. D h w d i r u p d, d p r l q v h y h q f l r q l w d g r E w d g r v h q g h d u j h u d v d h v g d s r s x a d r h p w u q r g h u j u d v h w d e h d f l g d v, l q v h u y l q g r g l u h v p h q v h h p d v s h f v v x e r h v l y r v. O e v h u y d - v h, f r p l w r, t x h r f u f h u d i h v d d g l i h u h q f l d r g r v x r h l w e h q v h v l h r r x w r e d r d d h q d u d t x h o h l q g l y g x r g r p x q g r h | v h u r u q r t x d o r p h v p r h | s h u l h q f l d y d d y l g d h q r t x d o d v x d v u a d h v v r f l d l v h g d y d p. A r d g h q w d u r v l w h p d s u l v r q d o r v x r h l w g h v s l g r g h d v s h f v v i v l f r v h v r f l d l v g d

vxd lqglylgxddgdgh, h v h y h p x p p x q g r q r y r , r q g h q r y r v s u r f h w r v g h v x e r h w y d r g h y h u r r f r u h u A f r q v h f h x p d k r p r j h q h l " d r s u r s r v l o g d s r s x o d r f d u f h u u d s r u p h l r g h x v l o " d r g h x q l i r u p h v h f x p s u l p h q w g h u j u d v r e u j d w u d v , i x q g d p h q v l l v s d u d t x h d g l v f l s d q d h r f r q w r d n v r e u h r f r u s r v h r d p h j h u f l g r v .

Av p x d k h u h v d s h q d g d v s h u g h p p x l w g d t x l o t x h f d u f h u l " d v x d s h u r q d d g d g h , w u q d a g r - v h v x e s u r g x w v g h x p v l w h p d g h d s u l v r q d p h q w g r f r u s r h u f o v r g d d o p d . A d f h u d g d v h p x p d p e l h q v h u h w l w , r q g h d v x d l q g l y l g x d d g d g h v h u t x h v h d g h t x d u v q r u p d v u j l g d v g h f r p s r u a l p h q w , v h r d d g y l a g d g r v l w h p d g h r u j d q l " d r s u l v r q d o v h r d g d d h l h v f x v d t x h v h g h v h q y r o y h s d u d d o p h q v h g h q w r g h w h d p e l h q v h , h w o l p x d k h u h v u g h i l q h p v x d v y l y q f l d v l q g l y l g x d l v d s d u l u g h x p p x q g r e d v h d g r h p s h u g d v .

M d l d h S r x " d ( 2 0 2 0 ) g h w o l f d p t x h h w h s u r f h w r g h p r u l i l f d r g r h x ( v h o ) t x h d p x d k h u h q f d u f h u d g d v r i u h u i r u d g r s h o v h x d i d w o l p h q w g h s u v l f d v t x h f r p s h p r v h x f r v l g l d q r , s u r l e l a g r , l q f o v l y h , d p d q l i h w o l r g d v x d v l a j x o l u g d g h f r p d o h u g d g r v h t x l s d p h q w v g h l g h q v l g d g h h l q g l y l g x d d g d g h ( s u r g x w v s h w r d l v , d g r u q r v , u r x s d v , p d t x l d j h p , s h q v h d g r v r x i r u p d g h x v r g r f d e h o , g h q v h r x w r v ) , d o p g d h j s r v l r u h f r u h q v h g r f x p h q v d r ( g r w l ) t x h h j s o u d d d x w q r p l d h s u y d f l g d g h i ( M d l d & S r x " d , 2 0 2 0 ) .

O j u d q g h g h v d i l r g r v l w h p d s u l v r q d o , d o p g h j d u d q v l u d v f r q g l h v i v l f d v h g h d v l w w q f l d g d v g h v h q v o l v , d w h j x u d u d l q g l y l g x d d g d g h g h f d g d p x d k h u t x h d g h q w d r v l w h p d f d u f h u u l r . T u d v l u f d g d s h w r d u h v s h l v a g r d v v x d v s d u l f x o l u g d g h v h w h q f l d o s d u d r e r p f r q y y l r v r f l d o h q r g h y h u d v h u g l i h u h q v h f r p p x d k h u h v d s h q d g d v . l w w q r t x h u g l " h u g h v r q v l g h u d u h j u d v l q v h u q d v , p d v d g h v s h u r q d d " d r f r p r r e r h w y r g h f r q w r d n s r g h f d u f h u l " d u x p d i r u p d g h y l r o q f l d p h q v l o g h q w r g h x p v l w h p d m w r d j u h w y r . D h w d i r u p d , f r p r v h u d s r w y h o f r p e d v h u d v l y d p h q v h h w d v s u v l f d v u h s u h w r u d v h y l r d h q v o l v q d v l q v l w x l h v f d u f h u u d v ?

**dÀ² Í'wūĖĀ v²'wūĖ "ÁíyĖŎyÁ yĖĀĖ'wÀ² "'wūĖÇÓy ŐĖu³ wÀ³ vuíyĖuí'Ŏr³ yÁíy u ŐĖĀ² ÁwūyĖĖÍŎÍŎĖ²y uĖyĖĖĖĖĖĖ ĀxuĖĖŎy²-uĖĖ'ÁĖÍ'ÍŎ' yĖ**

**dÀ² Í'wūĖĀ v²'wūĖ**

Shj x q g r R l e h l u r ( 2 0 2 3 , s . 7 6 ) , Ő q r v h s r g h g h v f r q v l g h u d u r v p d u f d g r u h v t x h f r p s h p h w h s e d f r : r j q h u r , d f o l w h , d u d d à h w h o l p r v h q g r u h i h u q f l d s d u d d f r p s u h q v r g r v p h f d q l v p r v g h v h j u j d r s d x v l g r v q d g l y l v r u d f l d o t x h v h h i h w y d g h v g h d s u v l f d g d h v f u d y l g r d s d u l u g r v f x o X V i . A y l r o q f l d , s d u d d o p g r f d r v h w v x u d o g r t x d o h w r v x e p h l g d v , v o l p e p v h p r w o d d u d l j d g d q r t x h v h u p x d k h u g h q w r g d v r f l h g d g h t x h d v s x q h .

E v o l f r q y h q f l r q d d g d g h d o f d q d l q f o v l y h d v s r o l f d v s e d f d v , t x h , d r v h u h p g h v h q k d g d v , u i r u d p h w h u h v l s r v v r f l d l v g h f r p r v h g h y h v h u p x d k h u s d u d g h q w r g r v p x u r v g d s u l v r , f r q i l j x u d a g r - v h h p x p v h j x q g r f u f h u t x h d v h s d u d g d v d v x e r h w y l g d g h ( B . S d q w v & V . R h " h q g h , 2 0 2 0 ) . A w l p , g h i x q g d p h q w o l p s r u w q f l d d h o l e r u d r g h s r o l f d v s e d f d v h i l f d " h v , u d " r y h l v , l q v h u h f f l r q d l v h s u r s r u f l r q d l v , t x h f r q v l g h u p t x h d u d o i x q r g h x p h q f d u f h u d p h q w q r v h r d v r p h q v h x p d s x q l r , p d v d u h d e l d o d r x p r e r h w y r f h q w o

D h y h p r v d i l u p d u t x h h w o d w j l f r d e r u g d u d t x h w r g h j q h u r h u d d f r p r i r u p d g h l p s x o l r q d u

r wxj lp hqwr gh qrydv sroifdv s edfdv hp wqr gr hqfduf hudp hqwr ihp lqlqr (B. Sdqwr v & V. Rh“hqgh, 2020). Eqwvhwqwr, vdlv uhfxur v dlqgdv r lqvxiilfhqvhs s dudv p xdkhuv hqfduf hudp, xp dyh“ t xh r vlvhp d s hqdoghp r qvwd ghvs uhs dur s dud dgdur p p xdkhuv t xh fxp s uhp d q xp d shqd s r uvhxv f up hv qr Budvlo (Plp hqvno 2018), hvs hfldq hqvhp ghvdp hqwr gr uhr uhn udfldot xh vh p dqlihwv gh ir up d shgr p lqdqvhp qhwhv hvs d r v.

hylvghqv t xh r v hp shfldkrv uafldr qdgrv dr j qhur fr qwr hp eduhlv s dud r ddfqf h gr v gluhlv gd p xdkhu hqfduf hudp. Ashvdu gd lp s dhp hqv r gh d q xqv sur j udp dv gh sroifdv s edfdv ylvddgr d uwr fldd“d r h lhlqvj ud r vrlhgdgh, r v hp shqkr v glyhuv v ghwhv s r rhv, qr pelw gd s hvt xlv, gluhlr qdp -vh hlfvlydp hqv dr xqlyhuv p d v x d q r . Nd vhwvlyd gh exvdu xp vwdvp hqwr lj xddwlr s dud p xdkhuv h kr p hqv, glyhuv dlv v r ir up xwgdv d ilp gh sur pyhu xp vls r gh Qghxwddgdgh uafldr qdgd dr j qhur, r t xh id“ fr p t xh d p d v x d q l d g d h d i h p l q l d g d h v h v d q v i r u p h p h p s d x v d f r q v g h u d g d l u h d y d q v h v (Plp hqvno 2018). Uj h d qhfhwlgdgh, s r u d q w r , g h q r y d v s r o i f d v g l u h l r q d g d v s r s x a l r h q f d u f h u d g d i h p l q l d h g r d s u p r u d p h q w r g h w d v d l v m h l l w h q v h p u j l h v e u d l d l u d v , s u r s r q g r f r p e d v h u d v y d p h q v h d y l r o q f l d h w v x u d o h d u s u h w r g d v y h d v l q w l x l h v .

Nr wfdqv dr g ilflwgh uhfxur v ghqwr gr f ufuh, d Oj dql“d r gdv Nd hv Uqlgdv (ONU) vnd ds ur ydgr, hp 2010, dv fkdq dgdv Rhj udv gh Bdq nr n’. Shqgr hwn gr fxp hqwr r s up hlur p dfr qrup dlyr lqvhuqdf lr qdo d der udu d s u r e d p v l f d , g h q v h y u d v r x w d v g l u h v “ h v , h d r u h v s r q v y h o s r u v d d u l p s r u d q v h u j u d v s d u d r v d v p h q w r h v s h f i l f r g l u h l r q d g r v p x d k h u v s u h v d v . N r t x h v h u h i h u h k l j l h q h s h w r d o d R h j u d 5 g h w h g r f x p h q w r s r w x a l t x h :

Q... d dfr p r g d r gh p xdkhuv s u h v d g h y h u f r q v h u l q w a d h v h p d v h u d l v h l j l g r v s d u d v d l w i d “ h u d v q h f h w l g d g h v g h k l j l h q h h v s h f i l f d v g d v p x d k h u v , l q f a l q g r d e v r y h q v h k l j l q l f r v j u d v l w v h x p v x s u p h q w u j x a u g h j x d g l v s r q y h o s d u d f x l g d g r v s h w r d l v g d v p x d k h u v h f u l d q d v , h p s d u l f x a u p x d k h u v t x h u d d “ d p v d u h i d v q d f r “ l q k d h p x d k h u v j h w d q v h , a l f v d q v h r x g x u d q v h r s h u r g r g d p h q w x d r . i (Cr qvdr Ndf lr qdogh Jxwlr d, 2016, s. 23).

O s d v y h p g d q g r y l v e l d g d g h v d g h q r f h q u r s u l v r q d o q r v o l p r v v d q v d q r v . A s h v d u g h v d l v u h l w w q f l d v , d u h f p - a l q d g d P r o i f d N d f l r q d o g h A v h q r l q v j u d o S d g h g d v P h w r d v P u l y d g d v g h L l e h u d g d g h q r S l w h p d P u l v r q d o (P N A I S P ) h p 2 0 1 4 x p i x q g d p h q w o p d f r q d j d u d q v d g r v g l u h l v v r f l d l v h k x p d q r v q d v s u l v h v . u d i l u p d g r s h a v h l w g d s r o i f d t x h d v s h w r d v t x h v r s u y d g d v g h d e h u d g d h v r f l g d g r v g h g l u h l v a s u h p l w d t x h f r q v u d d d w r f l d r u v l q h l u d p h q v h i h l v d h q v h r d w r f u l p l q r v r h d q h j d r g h g l u h l v v r f l d l v (L h p h q h w d o , 2 0 1 5 ) .

E p d e u l o g h 2 0 1 4 , d w d y v g d P r u d d q x 4 8 2 , q r u p d w “ d g d h r s h u d f l r q d d “ d g d d P N A I S P . E a l s u h y r v v h u y l r v g h v d g h h p w a v g l i h u h q v h v f r q w l x l h v , g l y l g l g d v h g h i l q l g d v s h a q p h u r g h s h w r d v h p f d g d f r p s d l r s h q l v h q f l u r h / r x x q l g d g h v s u l v r q d l v a d w 1 0 0 s h w r d v ( v l s r I ) , g h 1 0 1 d 5 0 0 s h w r d v ( v l s r I I ) h g h 5 0 1 d 1 2 0 0 s h w r d v ( v l s r I I I ) . A v h t x l s h v g h d v h q r e v l f d s u l v r q d o l s r v l , l l h l l l f r q w d p f r p x p d h t x l s h p x a l g l v f l s d q d u f r p s r w d s r u f l u x j l r - g h q v l w d , h q i h u p h l u r , p g l f r , w f q l f r g h h q i h u p d j h p , w f q l f r g h k l j l h q h e x f d o s r g h q g r v h u d f u h v l g d , g h s h q g h q g r g r v l s r v d q v h u r u p h q v h f l v d g r v , g h r x w r v s u r i l v r q d l v f r p r p g l f r s v l t x l d v d , d v l w h q v h v r f l d o i d u p d f x v l f r , i l v r v h u d s h x v d , s v l f a j r , v h u d s h x v d r f x s d f l r q d o h q x w l f l r q l w d . O v v h u y l r v g h v d g h g h q w r g h w d v l q w l x l h v g h y h p h v d u l q v h j u d g r v d x p d U q l g d g h B v l f d g h S d g h i r u d g d v l q w l x l h v (B u d v l o 2 0 1 4 , f r q i r u p h f l v d g r s r u L h p h q h w d o , 2 0 1 5 ) .

P r g h - v h f r q v l g h u d t x h d q r p h q f a v u d d w d o g h w d s r o i f d v h q k d v l g r v x e w d q f l d p h q v h

lp sr wdlqvn sdu dñj lvp du xp qryr rdkdu gr Ewldgr hp thad r vshvr dv uhfr dkgdv hp txdaxhu hwdehdf lp hqwr s ulvr qdoh t xhadv t xh flufxalp hp hvs d r v s ulvr qdlv (idp ldduhv h wdeddkdgr uhv). Ao p glwr, lp sxalr qrx wlp e p d fr qwx r gh gxdv uhv a hv t xh g r a d r xwlv p lqr udv qr vlvhp d s ulvr qdodop gdpv xdkuhv: r uhgluhflr qdp hqwr gr p r gh a dwlvwqfldohp vd gh p hqvdos dud s ur vñj hur v gluhlv v gdv shvr dv sr wldgr udv gh wdlqwr uqr v p hqvdlv, ehv fr p r r dfr dklp hqwr gd s r s xal r LGBT hp s uyd r gh dehugdg q r s dv, s u h d qgr s h ad dvñq r lqvñj udo vd gh gh o velfdv, j d' v, elwh| xdlv, wdyhwlv h wdlqvn| xdlv. Eqvhwldqr, Lhup hq hwdo (2015) p r wldp t xh d ñj lvad r ylj hqvñ q r vñ fr qvr dgd qd s u vlf d h d deudaj qfld vñ ufd gdv ñj lvad hv gh vd gh vlqdd d p r gliifd hv fr p vñqg qfldv d s ur u d d s r s xal r s ulvr qdoqdv ghp dqgdv gdv glvfxw hv hwlvdlv.

Tudvldgr -vñ gh hqfduf hudp hqwr d a qj d gxud r, r thadlv r gdv Nd hv Uqlgdv dilup d vñu gh ixqgdv hqvdolp sr uwqfld uhs hqvdr vls r gh hgxf d r r ihuhflgd, hvs hfldp hqvñ s dud dv hqfduf hvdgdv t xh fxp s thp shq d shu w d gh s uyd r gh dehugdg. Cr p r vdelgr t xh d hgxf d r p dlvd fhlvd s hadv p xdkuhv qr fr qvñ| w s ulvr qdod fr qgl r gh uhqvhu r vr flhgdgh s r gh vñu p d l p l dgd s h a vñx s uhs dur dr p hufdgr gh wdeddkr dwdy v gd hgxf d r, fr qvlexlqgr dwlp s dud r ghvhqyr g l p hqwr s ur ilwlr qdoh shvr do

Av dwlygdghv alev udlv qr lqvñur ugdv xqlgdghv s ulvr qdlv wlp e p vñ fr qvñwñ hp hp xp gluhlv gr s uhr h, dwdy v ghwlv, ghyh vñuuhp xqhudgr ilqdqf hudp hqvñ. Cr qvñgr, h l lvñ d qhfhwlgdgh gdfud r gh y qfx a vñ hñlv r vñ p r v s ur ilwlr qdlv gd ht xls h gh dvñq r e vlf d gr vlvhp d s ulvr qdot xh g r d f hvr, s r u h l hp s a, v s r o v f dv gh wdlqvihu qfld gh uhqgd h r v vñuyl r v gh dwlvwqfld v r fldo A fr qvñwñ r ghwlv y qfx a v s r gh r uhqvdu vidp d dv h d fr p xqlgdgh v r e u r d f d q f h g r v g l u h l v r t x h d k h v v r u h v j x d u g d g r v, d s d u l u g r h w d e h d f l p h q w r g h s d u f h u d v l q v u h w r u d l v f r p f h q w r v g h d w l w w q f l d v r f l d o h / r x r x w d v l q w l w l h v g h f x q k r v r f l d o t x h d w d p q d u h j l r, s r u h l h p s a.

Tdp e p gh ixqgdv hqvdolp sr uwqfld r lqf hqvñ r s d u l f l s d r g d i d p d d q d u h w w w u d r g r f r v l g d q r g d v p x d k u h v h q f d u f h u d g d v. Cr p x p d u h g h g h dvñq r h r v vñuyl r v r i h u d g r v q d s u s u d l q w l w l r s u l v r q d o f r p r v g h dvñq r e v l f d, d w l w w q f l d v r f l d o m u g l f d, h q v l q r h w d e d k r, s r w y h o f r q v l e x l u d w y d p h q v ñ s d u d r f x p s u p h q w r g d s h q d q d s u v r, e h p f r p r g l p l q x l u r d j u d y d p h q w r g d f u p l q d d g d g h.

A dxw udv B. Sdqwr v & V. Rh hqgh (2020), hp vñx h w x g r g h f d v r h p x p d f r p d u f d g r h w d g r g h M l q d v G h u d l v, f r p d e u d a j q f l d h p r l w r p x q l f s l r v, f r q v w d u d p t x h k d l p s a l q v d r l q f l s l h q v ñ g h s u r j u d p d v t x h y l v d p d u h v r f l d d r h u h l q v ñ j u d r v r f l h g d g h, p d v v r s u r u v u d p h q v ñ y r o d g d v d r x q l y h u r p d v f x d q r. Aghp dl v, wlp e p i r u d p l g h q v l f d g d v d q x p d v d h v h i h v y d v f r p r, s r u h l h p s a, x p h v s d r q d A w r f l d r g h P u r v ñ r h A w l w w q f l d d r C r q g h q d g r (APAC) r q g h v r p l q l w d g d v d x a v, v h q g r s r w y h o d u h d d d r g r E l d p h N d f l r q d o g r E q v l q r M g l r s d u d s h w r d v s u y d g d v g h d e h u g d g h h m y h q v r e p h g l g d v r f l r h g x f d w y d.

A shvtxlvd fr qvñwñ t xh, s r u p h l r g h w h s u r f h w r, qd APAC p d v f x d q d, vñlv ghvñqwr v i r u d p d s u r y d g r v h p x p d x q l y h u l g d g h i h g h u d o h q t x d q w r q h q k x p d p x d k u r e v ñ y h h w ñ u h v x a d g r. Dhw d p h v p d v l f d, l g h q v l f r x t x h r s u r h w r Q r h p l r s h a d L h l v x u d i, u h f r p h q g d g r s h a C r q v h d k r N d f l r q d o g h J x w l d u h d d d g r v r p h q v ñ q r f d u f h u u r p d v f x d q r. E v s h f l i l f d p h q v ñ s d u d r f d u f h u u r i h p l q l q r, d s u h i h l w u d

glvs r qleld“d ydj dvs d d ydud r gh ucd. Tdovlxd r j hur x ufhdp d hv hp wgdv dv hqwhylwlv fr p dv hqfduf hudgdv, txh shufhehudp hwh fhq ur fr p r xp s dylo j lr s d d r v kr p hqv (B. Sdqwv & V. Rh“hqgh, 2020, s. 590).

Tdp e p vdelgr txh, d s d u l u g d d o h u d r s u r p r y l g d q r C g l j r g h P u r f h w r P h q d o s h a l L h l q x 13.257 gh 2016 (Budlv 2016), ir l s u h y l w l d s u l v r s u h y h q w l y d s d d r v f d v r v g h p x d k h u v j h w l q v h v r x p x d k h u v f r p i l d r v g h d w 12 d q r v g h l g d g h, v x e w l x l q g r d s u l v r g r p l f l d d u A l q g d t x h d s r w l e l d g d g h g h x p d s h q d d o h u q d v l y d u h i d v l w h g l u h v l p h q v h q h w l f d v h j r u d, d p d l r u d g d v p x d k h u v d l q g d q r s x g h u d p y l y h q f l d u q d s u v l f d d d s d f d r g h w d d h l. O v h q v r f r p x p u h i d v h r s h q v d p h q w g h t x h d h l s r g h v h u x v d g d f r p r i d f l d v l g r u s d u t x h p x d k h u v f r p h v l p f u l p h v, x p d y h“ t x h d v p h v p d v m l u r v d e h u t x h q r i l f d u r h q f d u f h u d g d v g x u d q v h d j h w l r (B. Sdqwv & V. Rh“hqgh, 2020). D h w l i r u p d, r v u d v l p h q w g d p d v h u l g d g h f r p r h l f o x v l y d p h q v h f r q g l f r q d q v h d e h u d g h, g h v f r q v l g h u d q g r v x d v y u d v g l p h q v h v, x p h u r f r p x p g h q w r h i r u d g r f u f h u h q h f h w l w l v h u u h w l j q l i l f d g r h q v h d v l q w l x l h v s h q d l v. A r s h q v d u h p h w u d w j l d v g h f r p e d v h h i h v l y r d r u d f l v p r q r v l w h p d s u l v r q d o l p s u h v l q g y h o t x h d d u l f x a l r h q w h r v l w h p d n a g l f l d o r v s u r i l w l r q d l v t x h r f r p s h p h d g h u d q d v g h p r y l p h q w v r f l d v d y h h p f r q v l g h u d r r f d u v h u h w u x u d o g r u d f l v p r, h p h v s h f l d o d i r u p d f r p r r u d f l v p r v x j l x h v h p d q w p q r f r q v h l w e u d v d h u r s d d v x e v l g d u s r o v l f d v s e l f d v t x h d r d p h p g l i h u h q v h v h v i h u d v: v a l q w q d y l g d g d s r s x a l r f d f h u u d, t x d q w

q d g h v x d v i d p d o d v h, v a l p e p, q d g h w g r v r v s u r i l w l r q d l v h q y r g l g r v q d t x h w r s u l v r q d o

C r p r h l h p s a, d s d u l u g h x p d u x q l r v r e u h d y l r o q f l d u d f l d o q r h w l g r h q w h r G r y h u q r g r E w l g r g r R l r G u d q g h g r S x o f r p r M r y l p h q w V l g d v N h j u d v l p s r u a l p, 24 s u r s r v a l v i r u d p g h d e h u d g d v h p x p g r f x p h q w s h a G u x s r g h T u d e d d r g h C r p e d v h V l r o q f l d f r q w d d P r s x a l r N h j u d, h a j a e d a g r u d v f r p r h q v l q r, v a l l q d p h q w, r x y l g r u d h u f x u r v i l q d q f h l u r v, h q w h r x w u d v, f r p q i d v h q d p r g l i l f d r g d d x d r s r d f l d o y l j h q v h h l p s d h p h q v l r g h f r v a l v s d u d d x p h q v l u d s d u l f l s d r g h s h w r d v q h j u d v q r t x d g u r g h v h u y l g r u h v (Z h q l & K d q q h q e h j, 2021).

C r p l q i a q f l d g d d x d r g h w h j u x s r g h u d e d d r, r S l w h p d P u l v r q d o g r h w l g r g h d e h u r x t x h r g h e d v h g h y h u d v h u d p s d d g r, u h v a l q g r q d h a l e r u d r g d P r o v l f d h E q i u h q v l p h q w d r R d f l v p r q r S l w h p d P u l v r q d o f r p d v v h j x l q v h v g l u h u d“ h v:

O q f h q v l y r d r d f h w r g d v u d j l h v g h p d w l“ d u l f d q d h g h p d l v f r q i l w h v u d j l r v d v; l p s d h p h q v l r g h d v l y l g d g h v f x a x u l v h i v l f r g h v s r u l y d v t x h y d u l“ h p d s a u d d g d g h u d f l d o e u d v d h u d; R h d d“ d r g h d v l y l g d g h v h g x f d v l y d v f r q v l q x d g d v d a x v l y d v f r q v l q f l d q h j u d; A g r r g h d h v d i l u p d v l y d v t x h d w h j x u h p g h i r u p d h i l f l h q v h h h i l f d“ d s u r l e l r g h d h v g l v f u l p l q d w u d v g r S l w h p d P u l v r q d o h s r v h q f l d d“ h p d l q f a v r v r f l d o l q f r u s r u d r g d t x h w r u d f l d o q r p e l w g d d r g r S l w h p d P u l v r q d o d v d y v g r h w l e h d h f l p h q w g h s d u f h u d v h q w h d S h f u h v l u d g h J x w l d h g r v S l w h p d v P h q d o h S r f l r h g x f d v l y r h d v S h f u h v l u d v g h E w l g r M l q l w u r P e d f r, T u l e x q d o g h J x w l d, D h i h q v r u d P e d f d, g h p d l v u j r v i h g h u d g r v h r u j d q l“ d h v g d v r f l h g d g h f l y l o y l v d q g r j d u d q v u d l q v h u r g d s h u s h f v l y d g d s u r p r r g d l j x d a g d g h u d f l d o l q v h u r g d t x h w r u d f l d o q d d j h q g d g d S h f u h v l u d g h J x w l d h g r v S l w h p d v P h q d o h S r f l r h g x f d v l y r, g d S x s h u d q v h q g q f l d g r v S h u y l r v P h q l v h q f l u r v h g r C r q v h d k r P h q l v h q f l u r, d v d y v g d s d u l f l s d r q r h q i u h q v l p h q w d r u d f l v p r h d g l v f u l p l q d r u d f l d o h p w g r v r v i u x q v h d h v p x q l f l s d l v, h w l g x d l v, q d f l r q d l v h l q v h u d q f l r q d l v; l q f h q v l y r g r d f h w r d y d j d v s d d v h u y l g r u h v q h j u r v d v h p f d j r v g h f k h i l d q d S J S P S h S U S E P E; l q f r u s r u d u q d v p d w l“ h v f x u l f x a l u h v g r v f x u r v g h i r u p d r g h s u r i h w r u h v h p d v t x h l q f a d p y d o u h v f r q f h u q h q v h v s a u d d g d g h v a l f d h f x a x u d o P u r p r r g h d h v t x h d w h j x u h p d l j x d a g d g h g h r s r u a x q l g d g h v q d v s r o v l f d v s e d f d v g d v d l v w q f l d h u d v l p h q w s h q d a i (S h f u h v l u d g h J x w l d h S l w h p d P h q d o h S r f l r h g x f d v l y r, 2022).

E q v h v a l q w, x j h s r q w d u d q h f h w l g d g h g h v h s h q v d u h g h s u h p s u v l f d h w u d w j l d v p d l v h v s h f i l f d v s d d r f r p e d v h d r u d f l v p r q r t x h v a l j h p x d k h u d y d q g r h p f r q v l g h u d r t x h w h v



dwadyhwgdv s r u f æ w h , j q h u r , u d d h l g d g h p x æ k h u v q h j u d v h l q g j h q d v . V d d h u h w d æ d u y w æ p e p , t x h r h q i u h q w æ p h q w d r h w l j p d s u v l r q d o g h y h d e d u f d u d v i d p d æ d v g h w d v p x æ k h u v h f r q v l q x d u s u h v h q v h q d y l g d h j u h w d , e x v f d q g r x p d p d l r u v æ l d g h v x f h w r q d u h l q v h j u d r v r f l d o

V u r v g l u h l w v k x p d q r v e v l f r v v r g h p d q g d v g h p d l r u x j q f l d q h f h w u d v d x p E w æ g r g h D l u h l w f r p s u r p h w g r h p s u r p r y h u d l j x d æ g d g h h q v h k r p h q v h p x æ k h u v . S r h w h v g l u h l w v : d g l v s r q l e l d " d r g h f u h f k h v h e h u u r v t x h p h æ k r u d e u j x h p r v i l æ k r v g d v s u h v d v ; d f r q w æ r g h d æ v g l i u h q f l d g d v t x h d e u j x h p p x æ k h u v h p s h u r g r j h w æ f l r q d o r i r u q h f l p h q w g h d f r p s d q k d p h q w p g l f r , j l q h f r o j l f r h s v l f r o j l f r ; r v x s u p h q w g h l v h q v g h k l j l h q h s h w r d o h d j d u d q v l d g h h v s d r v g h y l v l æ d q v l p d , h v s r u h , æ l " h u h f x æ u d .

l q v h j u d u h w d v s r o v l f d v r f l d l v v q h f h w l g d g h v g h x p d f r p x q l g d g h u t x h u d u l f x æ r , x p d d r f r r u g h q d g d g h q w r g h x p d l q v h u h w u d d o g d g h t x h v h p r w æ d u g h h i h w y d Q ... ) u h v s r w æ p x æ l g l p h q v l r q d d o g d g h g d s r e u h " d h v h j u h j d r v r f l r h v s d f l d æ i ( W d a g h u h ' , M d u l q h æ & P d " , 2020). A v æ d y v g r u h v s h l w d r v g l u h l w v p x æ k h u h q f d u f h u d g d , g d d g h t x d r g h x p d h w æ v æ u d i v l f d v h v s h f l i l f l g d g h v g h j q h u r h d v x d r s r u æ q l g d g h g h u h v r f l d d " d r i r u d g r f u f h u h , s r v v y h o d g r v æ u x p d Q h u s h f v l y d i h p l q l q d i q d h l h f x r g h v x d v s r o v l f d v , d s u p r u d q g r r v æ d æ p h q w g l u h f l r q d g r d h w æ s r s x æ r h v s h f i l f d h h l v l q j x l q g r d u h s u r g x r g h h w h u h v l s r v q r f l y r v . A i l q d o r e v h u y d u d v h v s h f l i l f l g d g h v g d p x æ k h u h q f d u f h u d g d q r v l j q l i l f d f r q f h g h u Q u y l o j l r v i , p d v f r æ f - æ l h p v l v æ d r g h l j x d æ g d g h .

## W l i y E O y A y E A E ' w A 2 " " w u E

O x w æ d i r u p d v g h l q v h u y h q r s r g h p v h u h l h f x v æ g d v d s d u l u g d P v l f r æ j l d . l q v h u y h q h v s v l f r o j l f d v s r g h p d l q g d v h u u h d d " d g d v q r v f u f h u v i h p l q l q r v f r p r x p u h j d v h d r d i h w h r u h f r q k h f l p h q w g d v s r v h q f l d d o g d g h v l q g l y l g x d l v à h v s h f l d æ p h q v h g d s r s x æ r q h j u d à s r w l e l d æ l q g r d f r q w æ r f r q w æ q v æ l g h s h u s h f v l y d v g h i x w æ r h l q f h q v l y d q g r r v v r q k r v h q v h d v p x æ k h u v . O v h q f r q w æ r v f r p s u r i l w l r q d l v g h T h u d s l d O f x s d f l r q d o h p x p s u h v g l r i h p l q l q r q r l q v h u r u g r h w æ g r g h S h j l s h ( A . P h u h l u d h w d o , 2021) s x g h u d p f r q w æ l e x l u s d u d d g r r g h s u v l f d v d q v l u d f l w æ l v h d f u l d r g h x p h v s d r g h u h i d l r v r e u h h w h v h p d , d o p g h s u r p r y h u v s d u l f l s d q v h v h q f d u f h u d g d v d s u s u l d f r p s u h q v r g h v h x v v h q v l p h q w v , u h j v æ l q g r v x d l q g l y l g x d d o g d g h h d p s d æ q g r r v h x u h s h u w u r r f x s d f l r q d o

J x q w p h v p d s u r e d h p v l f d , r v d x w u h v E . P h u h l u d , R . J x q l r u h K . N d v f l p h q w ( 2021) u h d d " d u d p d f r q w æ r g h r i l f l q d v p x æ l w h p v l f d v h p x p d C d g h l d P e d f d F h p l q l q d g r v h u w r g h P h u d p e x f r , r q g h h v s d r v g h u h l w w q f l d h g h f r q w æ r g h d i h w v i r u d p f u d g r v , q r r e h v l y r g h u r p s h u f r p d v o j l f d v f r æ q l d l v g h v x æ j d r h h l v h u p q l r g d s r s x æ r q h j u d ,

w r i r u h p h q v h s u h g r p l q d q v h q r f u f h u h . E w d l q v h u y h q r , f k d p d g d g h Q æ t x l æ p e d p h q w i r x Q u r f h w r t x l æ p e l w æ l i , g h y h v h u f h q w æ g d f r p r x p d l g h l d - i r u d h p f r q w æ l q v h d v æ d d " d r , d v h q g h q g r v h l j q f l d v g r v h p s r h g r p h l r . S h j x q g r E . P h u h l u d , R . J x q l r u h K . N d v f l p h q w ( 2021) , r d t x l æ p e d p h q w g h v h q y r q l g r d s d u l u g r h q f r q w æ r g h s v l f æ j r v q h j u r v h q h j u d v , y l v d q g r d s u r p r r g r f x l g d u g l u h f l r q d g r d s d f l h q v h v q h j u r v h q h j u d v , s r w l e l d æ l d d v f h q v r g r v h v s d r v g h u h l w w q f l d v d q f h w æ l l v s d u d d p d q x v h q r g d l g h q v l g d g h , f x æ u d h s u h v h u y d r g d v d g h p h q v æ l o g h w d s r s x æ r . A i l q d o d f r q w æ r r

gh xp qryr id"hufoqlfr suhw, edvhgdr qd txheud gd o j lfd fr o qlddwæ, fr qvlwæ qd thp hpr uð r gh su vlf dv dqvhs dwdgdv gh fr p edvæ vrsu hw hv.

Ej lwnp r xwv v sur thwv yr oðgrv hviud svlfro j lfd ghwd srsxæ r. Up sur thw gh lqvnyhq r ghvhqyr o lgr shæ ht xls h gh svlfr o j lfd vhuð ds d f dgr qd Cdghld Mxqlf ls dogh Plvæqj d, qd Pdudq h, vñj xqgr S nxæ hwdo (2019), hwn vhuð dyddgr qd ilp gr dqr gh 2019 s dud w uduvh xp sur thw il| r h ds d f dgr fr qvæqvnp hqvæ. Pr vxlqgr d Pvlfdq dvh fr p r ixqgd p hqw vñ ufr, dv lqvnyhq hv ghvñ su r thw v r udd"dgdv qd ir up dv j uxs d o r qgh dv s thvdv w f d p h| s hu q f l d v h ghvhqyr o lhp d vlygdghv vre r l hqvæ r gh xp d svlf o j d h xp d h w d j l u d gh j u d g x d r hp Pvlfr o j l d. Ar vñhp ds d f d g d v dv lqvnyhq hv lq l f l d v gr sur thw, ir l hylghqvñ d qhf h v l g d g h gh vñ d p s d d u h v s d r v gh idæ h hv f x v l s d d p x d h u v h q f d f h u d g d v, d v t x d l v v r v l d h q f l d g d v s h o p d f k l v p r h w u x u d o h r h w l j p d g r f u f h u h, q x p v l w h p d t x h f r q v æ q v n p h q v h d v l q i h u r u d p s h æ l q i u d r gh fr q g x v l v r f l d q h q v h l p s r w æ v (S nxæ hw do, 2019).

Oxwv prghæ gh lqvnyhq r svlfr o j lfd ir l udd" dgr hp xp s thv glr ihp lqlqr gr Rlr Gæd qgh gr Nr uñ, exvf d qgr O r p s u h q g h u r v p r g r v g h y l y h u h u l q y h q v æ v h g d v p x d h u v s u h v d i (S r d u h v h w d o, 2014). A lqvnyhq r vñ edvhld hp xp d f d u w j u d i l d h p vñ d v r - h| s h u p h q v æ r, d u l f x æ l q g r f r u s r, d u l h h f o q l f d, j u d q g r h p w u q r g h vñp v l f d v f r p r r j q h u r, d v l q v n u h f h v h d v v h| x d d g d g h v. P d u d g r | d q p h q v h q h j d j q f l d v r i u d g s r u h w d s r s x æ r

h q f d f h u d g d, v r s h u f h e l g d v s u v l f d v r f l d l v s u r g x " l g d v s r u p x d h u v f r p r i r u p d g h u h w w q f l d s h o f r q v æ d h g h v h x v g h v h m v, h| s h u q f l d v h s u q f l s d q p h q v h v h x v f r u s r v, f r p r p r g r g h O r g x " l u y l g d h l q y h q v æ u d g h i. S r h w d v P u v l f d v S r f l d l v l q v l x l q v n v t x h q r u h d u r d v i d æ v, d v r v h j h w v v g r v d x w u h v h d v l " h v g h v h vñ d v r. O v p h v p r v d x w u h v d l q g d d i l u p d p t x h h w h O h d v r - p h q r u v h x v l d " r x g d h| s h w r g d v h q v l e d g d g h h d i h w g d v p x d h u v h q f d f h u d g d v q r f x l g d g r f r p d v r x v æ v, d s d u l u g d O e v h y d r s d u l f l s d q v h, g r g l u r g h d v r v h g d d u h h p r i l f l q d v, r e h v l y d q g r d f r p s d q k d u f x l g d g r v d p h q v h s u r f h w r v h p f x u r, p d s h d u r vñ u l w u r h| l v h q f l d o g d v d v l " h v h s r v l e l d v æ u t x h d q k d v g h i x j d v h r d p s u r g x " l g d v, g h l| d q g r y d " d u x p d p x æ l s d f l g d g h g h y r " h v (...) i (S r d u h v h w d o, 2014).

Av lqvnyhq hv svlfr o j lfd v gh Thudsld Ofxs d f l r q d o v r xp d r x v æ d i r u p d g h s r v l e l d v æ u d h| s h w r g r v v h q v l p h q v v l q g l y l g x d l v h r d o y l r g h d q j x v l d v t x h s h u p h l d p r f r v l g l d q r g h w d v s u h v d. A w l p f r p r i r l u h æ v l g r s r u T. S d q w v h w d o (2020), g h i r u p d t x d d v æ l y d, r v h q f r q v æ v g h vñ u d l d r f x s d f l r q d o f r p g h v h q v æ v g d x q l g d g h s u l v r q d o i h p l q l q d g r h w æ l g r g h S h j l s h w u d u d p s r v y h o d u h i d | r v r e u h r s d s h o r f x s d f l r q d o g d p d v h u l g d g h, d t x d o v h f r q v l w l d s d u l u g d h| s h u q f l d y l y l g d h t x h u h t x h u x p s æ l q h r d p h q w s v f u f h u h. P r u h w d u d " r, g h i x q g d p h q v æ l p s r u w q f l d t x h k d r d d f r p s d q k d p h q w vñ u d s x v l f r h d f u d r g h h w æ d w j l d v s d u d O u d y p d q v n u h i r u æ d f h u r y q f x o i d p l d d y h v s h f l d q p h q v h, r y q f x o g d u h æ r p h h i l d r g x u d q v h s v f u f h u h i (T. S d q w v h w d o, 2020).

Mhghlur v (2018) r evhuyd t x h, h p x p v æ d e d k r g h h v f x v æ, h| l v æ l u h w æ l l p h q w h p g h f r u q f l d g r p h g r g h v x d v k l w u d v vñ h p x v l d " d g d v f r q v æ l h æ v p h v p d v. v æ l g r t x h g h q w r g d v x q l g d g h v s u l v r q d l v k l w u d v s h w r d l v s r g h p vñ y l u g h v h q v n q d. C r p e d v h q l w r, d d x w u d x v l d " d - v h g h g x d v l q v n y h q h v, r q g h d s u l p h l u d e d v h r x - v h h p i d æ l u O r e u h d l p s r u w q f l d g h h v f x v æ l u r r x w r h v r e u h v h v h q v l u r x q r r x y l g d i h d v h j x q g d q d u d d " d r g h O h y l g d g h v f r p p d l v h q i r t x h q h w d s u r e d h p v l f d g d f r q i l d q d i.

Vlww t x h Ó ghyhugr s v l f æ j r u h s h l v d u r v l j l æ s u r i l w l r q d d i l p g h s u r v h j h u s r u p h l r g d f r q i l g h q f l d d g d g h , d l q v l p l g d g h g h s h w r d v , j æ s r v r x r u j d q l " d h v d t x h v h q k d d f h w r q r h l h u f f l r s u r i l w l r q d d ( C r q v h d r F h g h u d o g h P v l f r æ j l d , 2005 , s . 13 ) , h v h q g r r d p e l h q v h f d u f h u u r v x r h l w d g h v h u p l q d g d v d q j w l d v s r u s d u h v g d v l q w l w x f l r q d d " d g d v , g h y h - v h g d u d v h q r h v s h f l d o f r q i l g h q f l d d g d g h g d v l q i r u p d h v h v f x v d g d v s h æ s v l f æ j r . D h w d i r u p d , r y q f x æ h d f r q i l d q d h q w r h w d e h d f l g r v f r q v l e x l u r s d u d x p d h v f x v d f r d k h g r u d q h w h v h v s d r v j h r j u i l f r v d s u l v r q d g r u h v .

P r u i l p , x p d y h " t x h r s u r i l w l r q d o g d s v l f r æ j l d æ d v h d u r v h x w d e d d r q r u h s h l w h q d s u r p r r g d d e h u g d g h , g d g l j q l g d g h , g d l j x d d g d g h h g d l q v h j u g d g h g r v h u k x p d q r , d s r l d g r q r v y d æ u h v t x h h p e d v d p d D h f æ l u d r U q l y h u d o g r v D l u h l v v H x p d q r v i ( F u d q d & P d f k h f r , 2016 ) , u h i x v d - v h t x d æ x h u g l v s d u l g d g h g h d v h q g l p h q w p h g l d q v h x p d p x d k h u h w d e h d f l g d h p x p s u h v g l r .

### QÀÁÊ'xyÉú yÊT'Áu'Ê

E p e r u d d s h j x q v d g h s h v t x l v d v h q k d v l g r u h s r q g l g d q h v h p d q x v f u l w , l p s r u d q v h g h w d f d u t x h d v f r q v l e x l h v g r w d e d d r f r q v l w h p q d h y l g q f l d g h s u r j u d p d v , s r o v l f d v s e d f d v h l q v h u y h q h v s v l f r o j l f d v t x h v h q v d p u h f r q v l w x l u d g l j q l g d g h g d p x d k h u h q f d u f h u d g d , g d q g r d v h q r v s d u l f x æ l u d g d g h v g r j q h u r d w d y v g h v x s u p h q w g d v q h f h w l g d g h v e v l f d v , d f r d k l p h q w h h v f x v d t x d d i l f d g d , d o p g h r x w r v s u r r h w v t x h g h y r q d p d g l j q l g d g h h u d f h q g d p v x d h v s h u d q d g h x p d y l g d s v f u f h u h .

O v h p d g r h q f d u f h u d p h q w i h p l q l q r d l q g d v h q g h d v h u u h æ l v y d p h q v h l q y l v y h o g h q w r g d s u s u l d s v l f r æ j l d , h p e r u d k d r d x p f u h v f h q v h u h f r q k h f l p h q w g d l p s r u w q f l d g h d e r u g - æ . l w r s r u t x h , k l w r u l d p h q v h , d s v l f r æ j l d v h f r q f h q w r x q r h w x g r h f r p s u h q v r g r f r p s r u d p h q w k x p d q r h p g l y h u r v f r q v h | w v , p d v d p e p q h j d j h q f l d q g r d v h | s h u l q f l d v h v s h f i l f d v g d v

p x d k h u v h q f d u f h u d g d v . P r u l w r , s d u d s u r g x h v i x v u d v , h v s h u d - v h t x h k d r d d g l v f x w r h d u h s d f d r g h w d v s r o v l f d v g h q w r g h w h v d p e l h q v h , s u r s r f l r q d q g r p d l r u g l j q l g d g h d h w d s r s x æ l r . A i l q d o r v s u r i l w l r q d l v g d s v l f r æ j l d h q w d p f r p r d w u h v l q g l v s h q v y h l v s d u d g h v p d j l q d d " d u d v v x e r h v l y l g d g h v g h p x d k h u v q r v l w h p d f d u f h u u r e u d v d h l u r .

C r q v l g h u d - v h , h q w r , t x h s r w y h o y l v x d d " d u r u h v x æ l g r g h x p d d g d s v d l r s u l v r q d o l q d s u r s u l g d s d u d d v p x d k h u v q d d w x d d g d g h , r q g h v x d i l q d d g d g h u h j x æ l u r v f r p s r u d p h q w v g d v p x d k h u v h w d q v i r u p - æ l v g h Ó u l p l q r v d v i d Ó | p l d v p h v h h v s r v d v i , d o p g h x v - æ l v f r p r p h l r g h d g p l q l w d l r s u l v r q d o h u h j x æ l r g r f r p s r u d p h q w Ó l s u r s u l d g r i . A s u r e d h p d w l " d r g r v h s d r v g h s r g h u t x h j h u d p r s u h v h v q h f h w l w l s d v d u s h æ l d q d v h g h j q h u r , s r l v h w d f r q v l e x l s d u d f æ l w l l f d u h g h v f r q v l w x l u d i r u p d f r p r r s h u d p d v l p s r v l h v t x h Ó h p s x u d p i d v p x d k h u v s d u d x p d s r v l r g h l q i h u r u l g d g h à h v s d r v v r f l d p h q v h f r q v l w x g r v .

D h q w h r v s u l q f l s d l v s u r e d h p d v g r v l w h p d s u l v r q d o q r B u d v l o g h w d f d p - v h d i d æ l g h h w x v x u d i v l f d d g h t x d g d , d v x s h u æ v d l r h d s h u s h v x d r g d y l r o q f l d . S r p d g r d l w r , d v l v x d r g d p x d k h u h q f d u f h u d g d g h p d l r u d e d q g r q r h f h u f h d p h q w g h v h x v g l u h l w v t x d q g r f r p s d u d g r d r v k r p h q v , w u d q g r - d v Ó p l q r u d v v r f l d v i g h q w r g r s u s u r v l w h p d s u l v r q d o A g h p d l v , r v v l s r v g h g h d w v , d v p r v l y d h v s d u d r f u l p h h r v l p s d f w v s v l f r o j l f r v s u r g x " l g r v s h æ l v l v x d r g h d s u l v r q d p h q w v r

glihuqhv hqv dpervrvhlrv, fdufvhuwlv dv lpsr uolqv sdu t xh vhrdp ghvqyr ylgdv srolv dv s edfdvgh uvr fldd" d r.

Asuredp vld gr hqfduf hudp hqwr gd p xdkhu sduhf h wdu o qj h gh vhu uvr ylgd. Eqt xdqwr dlqgd vñ id" qhfhw ur euldu shø uhvslw h glj qlgdgh gd p xdkhu vrfldp hqv dyh, uvr yhu rv suredp dv vr iulgr vs hlv hqfduf hudgdv hqfr qvld xp dp ludgh gh suredp dvt xh vñ v ehs hp, w uqdqgr r t xh ghyhud vhu glhlw hp xp d dyhqvud gdqvñvd. Alqgd t xh dñ lval hv rihuh dp uhv dgr æuglfr, p xlvvv r r vghvdlr vs ddu w uqdur s uhv glr xp o j dukxp dql" dgr.

Prvleldvdu d p dqvñq r h r ir uolhflp hqwr grv yqfxøv, q r ds hqdv rv shj uvr v, fr p sr qhqvñv gd ylgd gh fdgd p xdkhu p dv vdp e p hqvñ hlv, qr dp elhqvñ s hqlvñql ur, s r gh vhu xp d r s r ux qlgdgh gh s uhvuyd r gd ylgd h xp hqvñm, dlqgd t xh p qlp r, gh xp d h s hu qlf d s ddu do p gd v r euhly qlf d. Pr uilp, fr qvghudqgr t xh q r s r wyhoiødu hp s ur gx r gh fxlgdgr qr dp elhqvñ fduf hu ur, p dv hp glp lqxl r gh vr iulp hqwr, w uqd-vh s r wyhoexvf dur xvr v fdp lqkr v qd fr qvldp r gd o j lfdp hglfdp hqwr vd h qd gluh r gh xp d s ur gx r gh ylgd.

## f yzÉ ÁwüÊ

Dpt yñvsj /F1-534<, 1lsj vñ hñt sf qñ f i j 1S gñ s Swi z t H ryt vñ qOAGD1

Dsi vñ hñt q/VIP 1-5353, 1D | z q j vñ g rñ f i j i f x r z qñ vñ x j s h f vñ vñ f x j f | rñ q t i t x i vñ yñt x i f u j vñ t s f qñ f i j = X r j x y z i t u f vñ f q r i t x r z vñ x i t h vñ vñ 1XQLEHXP DU1  
m y y u x = 2 2 w z l s rñ j x z r f vñ i z l g vñ s r q rñ h f s i gñ 2456789: ; < 2; < 83

Et hp/D1P 1EYI z vñ i t /R Y( Vñ rñ j vñ /P 1i j OIWI-4<<<, 1S rñ t q l rñ x-46ü j i 11V t S f z q /VS=H ryt vñ k f qñ s j b l

E vñ xñ qñ 5349, 1Q nQt 4658: /i j ; i j r f w t i j 53491

F f vñ f qñ t /R 1l 1i j /( Mñ w rñ s t /MU1OI-534: , 1D rñ | rñ g rñ f i j i f r z qñ vñ t x rñ j r f u vñ t s f qñ vñ xñ j rñ vñ = H vñ z j hñ f x s t y j r u t j s t j x u f t 1Uj | rñ y f H z h f t j S t qñ rñ f x j r G j g f y j /9-5, /569Ö5871  
m y y u x = 2 2 j j vñ l z l g vñ s i j S l u m u 2 j vñ | rñ y f j i z h f t u t qñ rñ f x 2 f vñ hñ j 2 l rñ ~ 279: ; 72587: ;

F f | f dñ f s yñ /D1F 1Q1-5355, 1D uñ f t i f | ñ f = R x rñ j r f u j s rñ j s hñ vñ g vñ xñ j rñ vñ k y s y j u f s i j r rñ i j FRYIG04<1Uj | rñ y f i t FHSHM-57, /'u l rñ s f x k f qñ s i t b l

F t s x j qñ t l j i j vñ q j S xñ t q l rñ i 1-5338, 1Uj x t q t F I S s 34325338=F iñ t i j yñ h f u vñ k xñ t s f qñ t u xñ t q l t 1E vñ xñ qñ /G l = F I S 1

F t s x j qñ t Q f hñ t s f qñ j M x yñ f 1-5349, 1Uj l vñ x i j E f s l p t p=Uj l vñ x i f x Q f j x X s ñ f x u f vñ t Wñ y f r j s y t i j P z qñ vñ x S vñ x f x j P j i ñ f x Q t S vñ f yñ f x i j Oñ j vñ f i j u f vñ P z qñ vñ x l s k vñ t vñ x-4ü j i 11E vñ xñ qñ /G l 1  
m y y u x = 2 2 ~ ~ h s d z x l g vñ ~ uñ t s y s y 2 z u q f i x 2534; 2342 t h z r j s y t Oñ l vñ x 0 j Qñ f s l p t p l u i k

F t s x j qñ t Q f hñ t s f qñ j M x yñ f 1-5355, 1Uj l rñ y vñ x i j h t s y l rñ x j g rñ t x' rñ k t w f t rñ s h t r u qñ y f b l

F t wñ j rñ vñ /D1P YR qñ j rñ vñ /J 1P 1i j /Uj s y j wñ /M P Y( J z m f w j x /F 1D1-533: , 1Uj | rñ t x rñ j r yñ h f = X r f vñ | rñ t s f wñ yñ f 1Uj | rñ y f i t F t q l rñ E vñ xñ j rñ vñ i j F rñ z wñ j x /67-9, /75; Ö7641

G f | rñ /D1-534: , 1H y f w t f x u vñ x j t g x t gñ y f x B-4ü j i 11Uñ i j Mñ s j rñ vñ /Uñ A Gñ j qñ

G j hñ qñ t X s rñ j vñ f qñ t x Gñ yñ t x K z r f s t x -G X G K, 1-4<7; , 1Uj x t q t 54: D-4L, 1R Q X 1

G rñ rñ /G1-5348, 1F f i j rñ = U j dñ t x t gñ vñ r z qñ vñ x-4ü j i 11Uñ i j Mñ s j rñ vñ /Uñ A F rñ qñ f t E vñ xñ j rñ vñ 1

Gzrfsf/Y1Yjsyzw/P 1Vn fx/O1Qf wz" /E1( Ft wj/P 1-5349,1Gnjryt xvjwui zyhtxi fxr zqñ vjxst  
xxyj r f ujs rj shn w ðYs x j x j i j x f k t x s f y w s x k w f t i f v j f qñ f i j 1Fns hñ ( Vf i j Ft g yñ f/54±,/5374Ó  
53831

ltzhfzq/P 1-5338,1D|j wfi j j f x k w f x æ w i hñ f x 1Uñ i j Msj nñ/UMAQfz1

ltzhfzq/P 1-5346,1Yñ rñ wj uzsnwQf xñ j syt i f u w x t -4Üj i 11Oxgtf/St wzl f qDhyzf qñ rñ w1

l w s f / l Y ( Sf hñ j ht /S1R 1-5349,1Wf g f qñ t i f -t, uxñ q l f -t, st xxyj r f u w x t s f q S w g g r f yñ f j x/  
yñ f j t w j s y f j x 1E vñ x qñ /G l ð F l S 1

J t k r f s /H l -4<: ,1P f sñ r rñ x /u w x j x j h t s | j s y x -5Üj i 11V t S f z q /V S ð S j w u j h yñ f 1

l s k t u j s 1-534<,1S v j x t x j r z sñ f i j x u w x t s f r x s t E vñ x qñ 'r s k t w f t r s h t r u g j y f b l

N w qñ x /J 1P 1-5353,1X r f f s qñ j h w yñ hñ t g v j t x f s y j h i j s y x i f r s y w j hñ t s f qñ f i j 1U j | r x y f H y z i t x  
l j r r s r x y f x /5; /j 8983<5353| 5; s 48983<1

Q w j s /K 1V1J r qñ E 1O /F sñ t /V 1G Y ( N j x z x /O 1R l i j 1-5348,1V f i j s t h vñ j v j ð s qñ j i f x u t qñ hñ f x  
x t hñ r x i j x f i j | t qñ f i x u t u z qñ t u w x t s f q g vñ x qñ rñ 1S m x x U j | r x y f i j V f i j Ft g yñ f /58-6, /<38Ó<571

P fñ /E 1D 1W ( V t z " f /F 1V 1-5353,1D i j x u j w t s f qñ f t i f x r z qñ v j x h t r t k j wñ r j s y f i j h t s y w g i f x  
r s x y z n j x u w x t s f r x u f wñ f q r i f u j s f i j v j h q x t 1U j | r x y f Wñ s x l v j x x j x /: -5, /9<Ó<51

P f w z j x /D 1 l 1-534<,1W r r z qñ v j x s f u w x t /y j r u w x t s f x r z qñ v j x ð r f f s qñ j i f x f yñ hñ f i j x  
qñ g t vñ r x j j i z hñ hñ t s f r x i j x j r u j sñ f i f x u t w r z qñ v j x u v j x f x j r j x y f g j qñ hñ j s y t x u w x t s f r x r r x y t x i j V f s y f  
F f y f w s f 1' y j x j 2 i r x j w f t k f qñ s y b l

P j i j rñ x / l 1H 1V 1-534; ,1S w yñ hñ f x r s y j l wñ yñ f x j h t r u g j r j s y f v j x l w u f r x j f u w r t t i j x f i j r j s y f q  
s t u v j x i rñ k j r r s t 1F f r u r s f J wñ s i j /S E ð R f z y t w  
rñ y u ð 2 i x u f h j k yñ k k h l j i z t g v ð 3; 32S r qñ rñ f s i qñ 2 wñ k h l 247; 97

P r s r x y wñ i f N x yñ f 1-533; ,1U j qñ y wñ k s f qñ f V j h v j y f wñ H u j hñ f qñ j S t qñ hñ f x S gñ hñ f x u f wñ f x P z qñ v j x ð  
J w u t i j yñ g f qñ t r s y w r s r x y wñ qñ U j t wñ s rñ f t j v j k t w z qñ t i t x x y j r f u w x t s f qñ j r r s t 1

S j v j rñ /D l i t x V Y Qñ f /P 1D 1F Y Qñ h j wñ f /U l i t x V Y V j rñ rñ P f hñ f i t /O 1R qñ j rñ /K 1 l Y ( K j wñ f s i j x /U 1V 1  
-5354,1V x y j r f u w x t s f qñ x f i j r j s y f qñ D y z f t i f y j wñ rñ t h z u f hñ t s f qñ t r r z qñ v j x f z y t i j hñ f wñ f x s j l wñ x j  
u f wñ f x | yñ f x i t wñ hñ r t 1U j | r x y f H j y w sñ hñ D h j vñ t V f i j /46-6, /j 97731

# Sghi RObhSg Qc a RW\_Sl Wbcb SbgWc gi dSf Wf HQOa WVc g dOf O WQ\_i g c

WXGHQW Z LW G] VQH ID IQ KU KHU HGXF DWR Q=SDVK Z DJ VWR IQFOXVR Q

XuÁu Áu QÉÉ"Áu xy gÀÓEu PyÉÁ²xÀ y a uÉ"ÁÉ 4\_ÓwuÁÁ xu g²Óu O³ ÁÉ² 4\_ÓuÁu S²auvyí- PÉíÁ 4X ²u  
UuvÉy²u g²Óu a uw-uxÁ 4X ²u PyuíÉ²\_ÁÁyÉ²g²Óu

Gudgdqgd hp Pvfr σ j ldqr  
Uqlyhuwgdgh Fhghudogh Mlqdv  
Ghulv (UFMG). Cr qvaw:  
[rfvep.dulqv@j.p.dlofr.p](mailto:rfvep.dulqv@j.p.dlofr.p)

Mhwddqgr hp Pvfr σ j ldqr  
Pur j ulp dghP v-Gudgd r hp  
Pvfr σ j ld: Cr j ql r h  
Cr p s r uolp hqw (FAFICH/UFMG).  
Dhvhyr qylp hqw (LND/UFMG).

Mhwddqgd hp Pvfr σ j ldqr  
Pur j ulp dghP v-Gudgd r hp  
Pvfr σ j ld: Cr j ql r h  
Cr p s r uolp hqw (FAFICH/UFMG).

Gudgdqgd hp Pvfr σ j ldqr  
Uqlyhuwgdgh Fhghudogh Mlqdv  
Ghulv (UFMG).

Pur ihvr ud Agmavdgr  
Dhs duolp hqw gh Pvfr σ j ld h gr  
Pur j ulp dghP v-Gudgd r hp  
Pvfr σ j ld: Cr j ql r h  
Cr p s r uolp hqw (UFMG).  
Pvfr σ j d. Mhwdd h Dr xvr ud hp  
Sd ghgd Cldq dh gr  
Agr dhv hqv (Fdf xgdgh gh  
Mhglf lqd/UFMG).

Sx"íÁÉuÉÁwuxÁHAqd Lxlvd  
Gxlp du hvFuhghulfr Xdyllu

f yvyv"xÁ y³ Hl 9/06/2023  
Ovy"íÁ y³ H28/06/2024  
dÓv²wuxÁ y³ H23/12/2024

Q'íuÉ h Mdulqv, J. C. S. B., Ap r ulp , L.  
S., Bulw, L. E., Mdf kdgr, J. G. S., &  
Lr s hv-Slgyd, J. B. (2024). Ewvgdqvhv  
fr p glvhl ldqr hqvqr vxshur u  
Cdp lqkr vs dud lqf xv r. *Mr vdlfr:*  
*Ewvgr vhp Pvfr σ j ld* 12(1), 55-68.

## f yÉÓ³ À

A glvhl ld gr ghvhyr qylp hqw xpd fragl r shup dqhqv t xh dihw d  
ds hqgl" dj hp gd dlv ud, lqf xlvgr gliif xgdghv qdghfr gliif d r h qdfr pshqv r  
gh s ddyv. Phwr dv fr p glvhl ld srghp hqihqvdu ghvdlrv df dg p lfr v t xh  
uhv xolp hp lpsdfwv svfrwrfldv qhj dlvrv. Eperud d Lhl qx 14.254/2021  
dvhj xuh r vxsrud h hwvgdqvhv fr p vldqwr uqr v gh ds hqgl" dj hp qr hqvqr  
e vfr, d lqf xv r ghv h d xqv qr hqvqr vxshur uvhp vgr srxfr glv xlvgd. Ewv  
hqvdlr vlv dfr der ugd dv gliif xgdghv hqihqvdu s r uhv xgdqv fr p glvhl ld qd  
xqlyhuwgdgh. Ov uhv xolp v ghvdlr p rewxv x vfr p r r gldj q vlv r vlvgr, didvd  
gh s r ovl dv lqf xvlydv deudqj hqv h d hvf dvd fr qv l hqv" d r. Pr vldqwr, fuxldo  
lp s dhp hqvdu dgds vlv hv s hgdj j lfdv idh ylv h hwvdlv ldv gh lqf xv r hlf d" hv,  
fr p ds duvl s d r dlv dgr v hwvgdqvhv glvo lfr v, s dds ur p r yhuvd s hup dq qf ld  
h vd gh p hqvdo qr hqvqr vxshur u Ep vqv h, ixqgdq hqvdo der ugd hvdv  
t xhw hv s d d j dudqvulj xgdgh gh r s r uxqlgdghv h hgxf d r gh t xgdgdgh s dud  
wgr v, lqghs hqghqv hqv h gh vx dv gliif xgdghv gh ds hqgl" dj hp .

du²uÓÉuÉw-uÓy: Dlvhl ld; Eqvqr vxshur u lqf xv r ; Tvdqwr uqr gh ds hqgl" dj hp .

## OvÉÉuÍ

Dhyh s p hqvlog' vhl ld lv d s hup dqhqv r qglvr q vldv d i h f w uhdglaj dft xlvlv r q,  
lqf xlvgr gliif xolhv lq ghfr glaj dgg z r ug fr pshkhqv r q. lqglygx d v z lvk  
g' vhl ld p d' hqfr xqvdu df dghp lf fkdghj hv uhv xolaj lq qhj dlv h sv fkr v r ldo  
lp s dfw. Wkl d Ldz Nr. 14.254/2021 hqv xuhv vxssr uvr u vxghqw z lvk dduqlaj  
glvr ughv lq s ulp du hgxf dlv r q, vxfk dv g' vhl ld, vkh lqf xv r q r i vkhv vxghqw lq  
klj khuhgxf dlv r q lv udhó glv xwng. Tklv hvd' dgguhv h vkh gliif xolhv idf hg e'  
vxghqw z lvk g' vhl ld lq xqlyhuwv vhwqlaj v. Tkh uhv xol klj kdj kwr ewv dlv vxfk dv  
ghv' hg gldj qr vlv, vkh devhqf h r i fr pshkhqvlyh lqf xvlyh s r df l h, dgg dp lvng  
dz duhqhv. Tkhur h, lwlv fuxldov lp s dhp hqvdlr l d d s hgdj r j lfd dgd s vlv r qv d qg  
h i i h f vlyh lqf xv r q vvdv hlv, z lvk df vlyh s duvl s dlv r q iur p g' vhl lf vxghqw, w  
s ur p r vlv vkh l v h u l v h q f h d qg p h q v d o z h a e h l q j l q k l j k h u h g x f d l v r q l q x p p d u ,  
d g g u h w l q j v k h v l w x h v l v i x q g d p h q v d o w h q v x u h t x d o r s s r u x q l v h v d q g t x d d v  
h g x f d l v r q i r u d o u h j d u g d w r i v k h l u d u q l a j g l i i f x o l h v .

ZyáUÁÉxÉD' vhl ld; Hlj khuhgxf dlv r q; lqf xv r q; Lhdqlaj glvr ughu



## WÍÉÀxÓ À

Ov wáqwr úr v gr qhxur ghvhqyr ólp hqwr v r fr qgl hv t x h v x j h p q r l q f l r g r s h u r g r g h g h v h q y r ó l p h q w , f d u f v h u “ d g d v s r u g i l f l w h p s u r f h w r v f h u e u d l v t x h d i h v d p r i x q f l r q d p h q w s h w r d o v r f l d o d f d g p l f r r x s u r i l w l r q d o (A p h u l f d q P v f k r ó j l f d o A w r f l d m r q [A P A ‘ , 2023). D h q w r g h w d f d v h j r u d , h w w r r v w á q w r ú r v h v s h f i l f r v g h d s h q g l “ d j h p (T E A s ) , r t x d o f r p s u h q g h p f r q g l h v t x h d i h v d p d d s h q g l “ d j h p g h k d e l d g d g h v d f d g p l f d v , v d l v f r p r d d h l v x u d , d h v f u d l h d p d v h p v l f d , t x h f d x v d p l p s d f v v l j q l i l f d v y r q r g h v h p s h q k r d f d g p l f r h s u r i l w l r q d o d o p g h h w d h p d w r f l d g r v d l p s d f v v i x q f l r q d l v f r p r p d l r u v d l d g h h y d v r g r h q v l q r p g l r h p d l r u h v q y h l v g h v r i u p h q w p h q w d o (A P A , 2023).

O s u h n “ r h v s h f i l f r q d v k d e l d g d g h v g h d h l v x u d , f r p r s u h f l v r h i x q f l d g d d h l v x u d g h s d d y u d v , g h v l j q d g r f r p r g l v d l d (A P A , 2023). N r h q v l q r v x s h u r u l q g l y g x r v f r p g l v d l l d s r g h p d s u h v h q v d l u g l y h u d v g l i l f x d g d g h v q d u h d d “ d r g d v d m y l g d g h v d f d g p l f d v . f r p x p t x h d s u h v h q v h p d h q v l g r q d d h l v x u d , f r p s u h q v r d h l v x u d g l i l f x d g d , d o p g h f r p s d f d h v q d s u r q q f l d h q d r u w j u d i l d g h s d d y u d v h l v h q v d v , r t x h d i h v d g l u h v d p h q v h r g h v h p s h q k r d f d g p l f r g h w h v l q g l y g x r v , s u r y r f d q g r f r q v h t x q f l d v q h j d m y d v v x d d x w h w l p d h v h q v l p h q w v g h i u x w u d r (M h g h l u r v h w d o , 2017). A o p g l w r , g h y l g r d r g h v f r q k h f l p h q w g d g l v d l l d h d r v h w l j p d v s h u s h v x d g r v d u h v s h l w g h w h w á q w r ú r , u h f r u h q v h t x h r f r u s r g r f h q v h x q l y h u l w l r q r g r v x s r u h d g h t x d g r v q h f h w l g d g h v g r v h w x g d q v h v f r p g l v d l l d , r t x h f u d v l j q l i l f d m y d v e d u h l u d v s d u d l q f ó v r s d h q d h , s r u f r q v h t x q f l d , f r p s u r p h v h d s h u p d q q f l d g h w h v l q g l y g x r v , q r h q v l q r v x s h u r u (P h u l l u d & S l o y d , 2023).

N h w h f r q v h l w g h v d i l d g r u d s u r p r r g d l q f ó v r h d f h w e l d g d g h q r d p e l h q v h h g x f d f l r q d o h p h j h f r p r x p i d w u f u f l d o A l q f ó v r , q r f d p s r h g x f d f l r q d o x p d j h q v h g h j u d q g h l p s r u w q f l d t x h s r w e l d o v d f r q t x l w d v f r p r d j d u d q v d g h g l u h l w v l q g l y l g x d l v h f r d h v y r v , s r l v , d w d y v g d h g x f d r , f r q f u h w “ d p - v h r v d q v h l r v v r f l d l v h p e x v f d g h l j x d d g d g h (F u h l v d , 2021). A j d u d q v d g h g l u h l w v s r u p h l r g d h g x f d r u s u h v h q v d x p s d w r v l j q l i l f d m y r q d e x v f d s h d l j x d d g d g h h l q f ó v r s d h q d g h w g r v r v l q g l y g x r v , l q g h s h q g h q v h p h q v h g h v x d v g l i h u q d v h g h v d i l r v .

O s u h v h q v h h q v d l r v h u f r v h p f r p r r e r h v y r f r q v e x l u s d u d d g l v f x w r d f h u f d g d v g l i l f x d g d g h v h q i h q v d g d v s r u s h w r d v f r p g l v d l l d q r h q v l q r v x s h u r u d w l p f r p r d s u h v h q v d u s r s r w d v l q l f l d l v s d u d d p h d r u d g r s u r f h w r g h l q f ó v r g h w h v l q g l y g x r v q h w h f r q v h l w . D r s r q w g h y l w d p h w g r o j l f r , r h q v d l r v h u f r g h w d f d - v h s r u v x d q d v x u h “ d u h i d l y d h l q v h u s u h v d m y d , v h y l q g r f r p r x p l q w x p h q w s d u d d q d v h h d j x p h q v d r v r e u h x p v h p d h v s h f i l f r (M h q h j k h w l , 2011). E d h q r h w y l q f x d g r d x p v l w h p d r x p r g h o h v s h f i l f r , s r l v v h x s u q f s l r u h v g h q d u h i d l r v r e u h r v s u s u r v p r g h o v h v l w h p d v , s h u p l v l q g r x p d d e r u d j h p p d l v i d l y h o h d e h u d . P d u d l w r , v r l q l f l d o p h q v h g l v f x v l g d v q r h v g h l q f ó v r h x p d y l v r j h u d o v r e u h d g l v d l l d g r g h v h q y r ó l p h q w h , h q w r , d s u h v h q v d p - v h d j x p d v h w d w j l d v d v x d l v g h l q f ó v r s d u d l q g l y g x r v f r p T E A s h p l q w l w l h v g h h q v l q r v x s h u r u d o p g d g l v f x w r d f h u f d g d l p s d h p h q v d r g h r x w d v p h w g r ó j l d v t x h d x l d h p r v h w x g d q v h v f r p g l v d l l d .

## WáwóÊ À y OwýÊÊ'v'²'xuxy

A fr qwáx r vr fldogr vdp elhqvñvfr vlgldqr v p r ægr x-vh gh p dqhlud d hwæhñf huh| s hf vñvdyvvr euh r fr p s r uálp hqwr h d v d hvgr vlggly gxr v. A s dúlgr p r p hqwr hp t x h h w d v x s r v l r fr qvñwálgd, d v d y v gr ds dñf l p hqwr gh s h w r d v f r p glilfx ægdgh v i v f d v r x l q v ñ d f v x d l v t x h v r l p s r w l e l d v a l g d v g h s u r g x " l u q r p h v p r q y h o h p t x h r v g h p d l v, x p h w a d q k d p h q w s u r y r f d g r (Tkr p dv, 2004). P d d G r i i p d q (2004), h w h h w a d q k d p h q w f k d p d g r g h h w l j p d, r t x d o f r q i r u p h r d x w u v h p x p f d u v h u g h g h v f u g l w s d u d r l q g l y g x r h w l j p d w' d g r; d s h u f h s r g h t x h d t x h a d s h w r d l q f d s d', i u d f d h i u j l o

Nr hqáwáqwr, hq i h q v a l u g l i l f x æ g d g h v q r v l j q l i l f d t x h d j x p v h r d l q d s w, x p d y h' t x h q r k d s h q d v x p d i r u p d g h v h u d d' d u d h v r x p h v p r g h v h f r p s r u a l u p g h v h u p l q d g r v d p e l h q v ñ v. O t x h v h h q v ñ q g h s r u f r p s r u a l p h q w f r p x p s r g h v h u d g d s v a l g r h r v l p l' d g r s d u d p h k r u d f h w r g r v g h p d l v. N r p e l w h g x f d f l r q d o s r u h l h p s æ, x p u h f x u r y l v x d o x v d' d g r s r u x p s u r i h w r u s r g h l p s d f v a l u d i r u p d f r p r d o x q r v f r p w a d q w r u q r v g h d s h q g l' d j h p f r p s u h q g h p r f r q v ñ g r, g l i l f x a v a l q g r v x d f d s d f l g d g h g h f r q f h q w a d r h d e v r u r g r f r q k h f l p h q w, p d v s d u d r x w r v s h u l v g h h w x g d q v ñ v, s r g h v h u d p h k r u i h u d p h q v a l (M d f f x æ d j k h w d o, 2017).

Oxwá d v s h f w f u x f l d o d v h u f r q v l g h u d g r d g l w l q r t x h G r i i p d q (2004) i d' h q w h l q g l y g x r v "g h v d f u h g l v a l g r v" h "g h v d f u h g l w y h l v". O v "g h v d f u h g l v a l g r v" v r d t x h d v t x h s r w x h p d j x p d g h i l f l q f l d i v l f d y l v y h o r x v h r d, d g l i h u q d s u r q v a l p h q v ñ l g h q v i l f d g d s u p h l u d y l w a d. P r u r x w r a d g r, r v "g h v d f u h g l w y h l v" q r d s u h v q v a l p q h q k x p d s l w a d y l v x d o t x h l q g l t x h t x d a x h u g l i l f x æ g d g h; q h f h w u d x p d l q v ñ u d r h v s h f i l f d, f r p r x p d f r q y h u d r x r e v h u y d r p d l v g h v a d k d g d, s d u d g h v ñ f v a l u d v g l i h u q d v, f r p r q r f d v r g d v s h w r d v f r p w a d q w r u q r g r q h x u r g h v h q y r g l p h q w. C h u a l p h q v ñ, d r f r q v l g h u d u w a d q w r u q r v h v s h f i l f r v g h d s h q g l' d j h p, f r p r d g l v ñ l d, s r g h p r v l a w a d u d l q g d p d l v h w d v l v x d r. U p h w x g d q v ñ f r p g l v ñ l d s r g h v h u w a d v a l g r g h p d q h l u d v h p h a d q v ñ d r v v h x v s d u h v q d p d l r u d g d v d w l y l g d g h v d f d g p l f d v. N r h q v a l q w r, t x d q g r v r d f l v a l g r d h a t x h i d x p d d h l v u d r u d o h p s e d f r, v x d g l i l f x æ g d g h v h w a d h y l g h q v ñ s d u d w g r v. N h w h p r p h q w, h a s r g h v h u f r æ f d g r q d f d v h j r u d g h "g h v d f u h g l w y h d, v h q g r h u r q h d p h q v ñ y l w r f r p r d j x p l q f d s d' g h u h d d' d u d w p h v p r v a l u i d v f r q v l g h u d g d v l p s d v s r u d j x q v. E w d g l q p l f d u h w d a d f r p r d v g l i h u q d v q h p v h p s u h v r y l v y h l v h f r p r d f r p s u h q v r g d v q h f h w l g d g h v l q g l y l g x d l v h w h q f l d o s d u d s u r p r y h u x p d h g x f d r l q f a v l y d h u h s h l w v d.

Nr p e l w h g x f d f l r q d o r h w l j p d y d l v x j l u g h y u d v i r u p d v g x u d q v ñ r v s u r f h w r v g h d a d e h w' d r h v r f l d d' d r, g h v g h r h q v l q r e v l f r, s h u g x u d q g r d w r h q v l q r v x s h u r u E w h g h v f u g l w s r g h f d x v d u s u h r a' r v d x w h w l p d h d x w h i l f f l d g r l q g l y g x r, s u r e d h p d v r f l r h p r f l r q d l v, f r p r d q v l h g d g h, h f r p s u r p h v h u v x d s d u l f l s d r d v l y d q r s u r f h w r g h d s h q g l' d j h p (R l g g l f n, 2004; K a l w h q, T' h, & H d q q r n, 2013).

A l q f a v r s r g h d e u d a j h u g l y h u d v g h i l q l h v, p d v q r f r q v ñ l w g d h g x f d r, u i h u h - v h d r d f h w r h g x f d r h v s h f l d d' d g d f r q i r u p h d v q h f h w l g d g h v g r l q g l y g x r, s r u w g r r s h u r g r h p t x h d v x d g h i l f l q f l d s r g h g h p d a g d u d x l d r v h v s h f i l f r v s d u d y l y h q f l d u d p h v p d v h l s h u l q f l d v t x h r v g h p d l v, f r q i r u p h d P r o w f d N d f l r q d o g h E g x f d r E v s h f l d o (B u d M o 2020). J d d f h w l e l d g d g h, g h d f r u g r f r p d N r u p d B u d M d l u d 9050, w a d g x' l g d s r u f r q g l r g h d a d q f h, x v a d' d r g r h v s d r i v l f r h h t x l s d p h q w v, l q f a l q g r l q w a p h q w v h i r u p d v g h f r p x q l f d r (A w r f l d r B u d M d l u d g h N r u p d v T f q l f d v [A B N T', 2020). q h w h v h q v l g r t x h d L h l



Budmðlud gh lqfæv r gd Phwr d fr p Dhillf qfld (Budmð 2015) s uhvqgh dædu dwhj xudqgr t xh s hwr dv fr p ghilfl qfld (PCDv) vhrðp f ds d" hv gh h| huf hur v vxv gluhlvr v gh ir up d s d hq, v hqgr lqfæ gdv vr fldp hqv h p t xdlv t xhu dp elhqv h. Ao p glvr, hæl dlqgd ghilqh fr p r s hwr dv fr p ghilfl qfld, dt xhæv t xh s r vxhp s uhæ "r v gh qdv h" d i vld, p hqvð lqv h d f v æ d o r x v h q v r u d o g h æ q j r s u d " r, h t x h, h p f r q v æ v r p d o x p r e w f x æ, s r g h p v h u d v d s d u l f l s d r h i h w y d q d v r f l h g d g h f r p s u r p h v l g d. A d y d d d r g d g h i l f l q f l d, t x d q g r q h f h w u d, g h y h v h j x l u r p r g h æ e l r s v f r v r f l d o r t x d o f r q i r u p h g h i l q l g r s h æ C æ w i l f d r l q v h u d f l r q d o g h F x q f l r q d d g d g h, l q f d s d f l g d g h h S d g h (C I F) g d O j d q l " d r M x q g l d o g h S d g h (O M S) g h y h f r q v l g h u d d v s h f w v v r f l d l v, d p e l h q v æ l v h s v l f r o j l f r v, d o p g h x v æ d u x p d d æ d r l q v h u g l v f l s d q d u h p x æ l s u r i l w l r q d o (A q g u d g h h w d o, 2009; D x d u h h w d o, 2018).

Oxvr s r q w l p s r u æ q v h f r q v l g h u d g r s d u d d y d d d r g d g h i l f l q f l d, f r q i r u p h d h j l v æ r e u d m ð l u d, Q æ d p l v æ r g r g h v h p s h q k r g h d v y l g d g h v h Q æ u h w æ r g h s d u l f l s d r i (B u d m ð 2015). D h w d i r u p d, l a g l y g x r v f r p T E A s, f r p r d g l v h l d, s r u h q f r q w æ d h p j u d q g h v e d u h l u d v, v r e u h æ g r q d h g x f d r, g h y h u d p v æ p e p v h u v h x v g l u h l v r d w h j x u d g r v s r u h w d p h v p d h j l v æ r (S r x " d, 2021). N r h q v æ q w, d u d d g d g h v h u y h æ g l i h u q v h g r t x h h v s h u d g r, x p d y h " t x h d o x q v v æ q w æ u q r v g r q h x u r g h v h q y r g l p h q w q r i d " h p s d u h g r s e d f r d v h q a g l g r s h æ P r o v l f d N d f l r q d o g h E g x f d r E v s h f l d o (P N E E) h d l q g d h q i u h q v æ p g l y h u d v g l i l f x æ d g h v, v h q g r x p h l h p s æ r d f h w r f r p s u r p h v l g r d x q l y h u l g d g h v (M h g h l u r v h w d o, 2017).

q h w h f h q u r t x h i r l s u r s r w æ d L h l q x 14.254/2021 (B u d m ð 2021), d t x d o s u h v q g h j d u d q l u r d f r p s d q k d p h q w l q v h j u d o g h h w æ g d q v h v f r p D l v h l d, T u d q w æ u q r g r D i l f l w g h A v h q r h H l s h u d v y l g d g h (T D A H) r x r x w r v æ q w æ u q r g h d s u h q g l " d j h p q r h q v l q r e v l f r. A d h j l v æ r d l q g d d w h j x u d l g h q v l f d r s u h f r f h g r v æ q w æ u q r, d w l p f r p r r h q f d p l q k d p h q w s d u d r v u j r v g h v d g h h v s h f l d d " d g r v, d o p g r d s r l r v h u d s x v l f r h h g x f d f l r q d o h v s h f l d d " d g r s d u d d v g l i l f x æ d g h v g h f d g d d æ q r. P r u i l p, d d h l v æ p e p h w æ h d h f h d j d u d q v l d g h h q v l q r s u r i l w l r q d d " d q v h s d u d h g x f d g r u h v, f r p r r e r h v l y r g h f d s d f l w - æ v d r i h u h f u x p d f r æ l p h q w p d l v h i l f d " d r v h w æ g d q v h v f r p h w h v v æ q w æ u q r v g r q h x u r g h v h q y r g l p h q w. D h w d i r u p d, d L h l r e r h v l y d h j x æ p h q v æ u x p d h g x f d r e v l f d p d l v l q f æ v l y d h d f h w y h o s r w l e d v æ q g r x p j u d q g h d y d q r q d u d. E q v h v æ q w, l p s r u æ q v h h q v h q g h u t x h h w h v v æ q w æ u q r v q r l p s d f v æ p v r p h q v h r v d q r v l q l f l d l v g d f u d q d, p d v s u r y r f d p s u h æ " r v g x u d q v h w g d d y l g d, l q v h u h u l q g r q r s h u f x u r d f d g p l f r g r v l a g l y g x r v (S q r z d a j & H x æ h, 2011). A w l p, h w æ g d q v h v g d j u d g x d r d l q g d v r s u h æ g l f d g r v s h æ i d æ d g h d s r l r h v s h f l d d " d g r g r v g r f h q v h v h g d v l q w æ l h v g h h q v l q r v x s h u r u

N r h q v l q r v x s h u r u d s r o v l f d g h f r v æ v, u j x æ p h q v æ l g d s h æ L h l q x 12.711/2012 (B u d m ð 2012d), u d v l f d g d d s d u l u g h p h v æ l g h g d v y d j d v w æ l v g h w l q d g d v d s h u l v v r f l d o p h q v h v h j u j d g r v, s h w r d v f r p g h i l f l q f l d g h y h p s u h q f k h u d s u r s u r u h v s h f v l y d t x d q v l g d g h g h P C D v q d s r s x æ r j h u d o g r æ f d o g d l q w æ l r g h h q v l q r, r x v h æ d, r q p h u r g h y h y d u d u g h d f r u g r f r p d u j l r g d x q l y h u l g d g h. A d h l q r g l v s h g r v f u w u r v s d u d d v h d r h d y d d d r g d g h i l f l q f l d, r v t x d l v v v r h l s d f l v æ g r v s h æ P r u æ l u d N r u p d v l y d q x 18 (B u d m ð 2012e). A U q l y h u l g d g h F h g h u d o g h M l q d v G h u d l v, s r u h l h p s æ, s u y t x h d h q w æ l g d g h s h w r d v f r p g h i l f l q f l d g h y h r f r u h u d s d u l u g h x p d B d q f d g h V h u l f d r h V d d g d r, f r p e d v h q d s r u æ l u d p h q f l r q d g d. D h w d i r u p d, f r q v l g h u d g d s h w r d v f r p g h i l f l q f l d, d t x h æ t x h d s u h v q v æ O p s h g l p h q w v g h æ q j r s u d " r g h q d v h u h " d i v l d, p h q v æ l q v h d f v æ d o r x v h q v r u d o (B u d m ð 2012e) t x h s r g h p f r p s u r p h v h u r h q y r g l p h q w g h w d v s h w r d v g h i r u p d d v l y d h l j x d d w u d q d v r f l h g d g h, q d s u h v q d g h h p s h f l d r v r x e d u h l u d v. A o p g l v r,

d dydd d r v h g s r u p h l r g d y h u i l f d r g r æ x g r g r p g l f r g r f d q g l g d w h h q w h y l w æ n æ q w B d q f d g h v l j q d g d s h æ R h l w u l d.

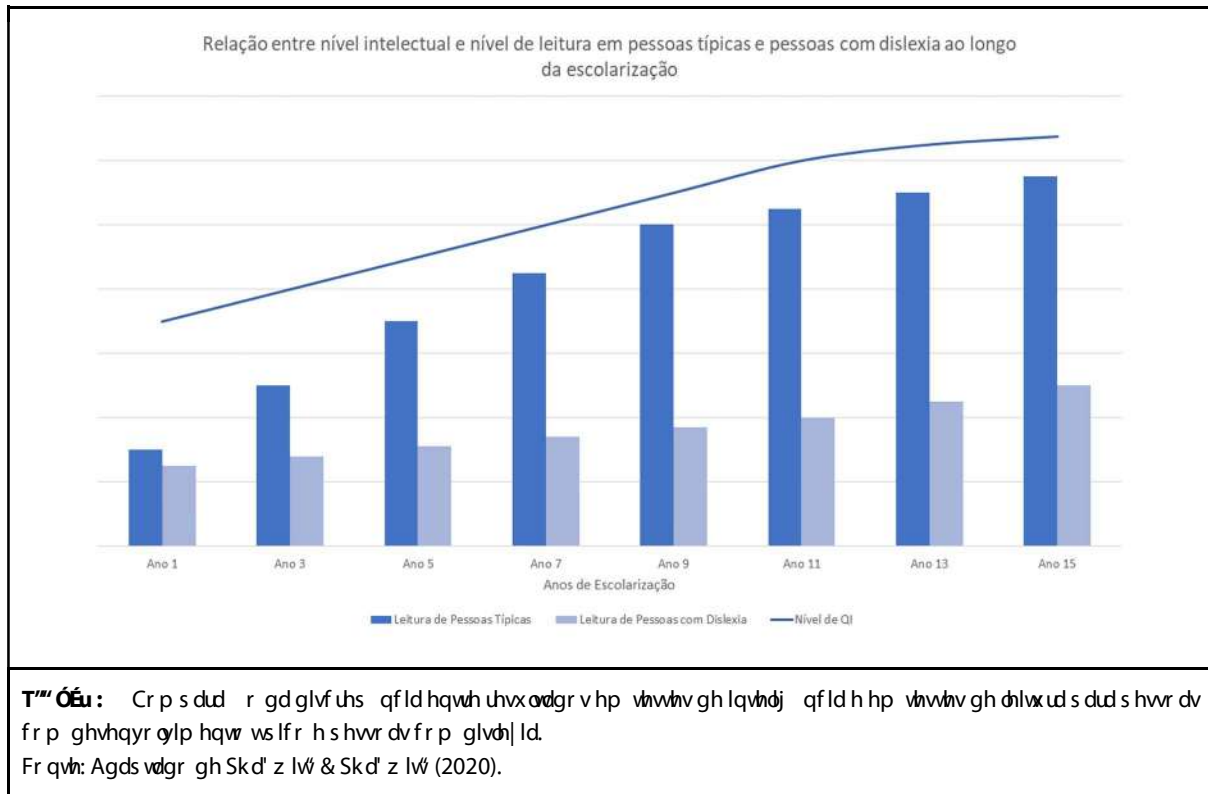
Cr qir u p h r h g l w o g r s u f h w r v h d w y r g h d g p l w r g d x q l y h u l g d g h p h q f l r q d g d d q v n u r u p h q v n, d g x p d v g h i l f l q f l d v q r v h h q t x d g u d p s d u d d u h v h y d g h y d j d v, g h q w h h æ v d g l v d h l d h r x w æ v g l v i x q h v v l p e d f d v (C I D 10 - R 48), h w æ p e p w æ q w w u q r v h v s h f i l f r v g r g h v h q y r o l p h q w g d v k d e l d g d g h v h f r æ l u v (C I D 10 - F 81) (U q l y h u l g d g h F h g h u d o g h M l q d v G h u d l v, 2022). E w d q r u p d y d l d r h q f r q w r g d g h i l q l r g h g h i l f l q f l d s u r s r w æ v æ q w s h æ L h l B u d v d h l u d g h l q f æ v r g d P h w r d f r p D h i l f l q f l d, t x d q w s h æ P r u æ l d t x h u j x æ l d d d u h v h y d g h y d j d v, x p d y h t x h g h v f r q v l g h u d t x h s h w r d v f r p T E A s, s u q f l s d o p h q v n d g l v d h l d, w æ p e p h q i u h q v æ p e d u h l u d t x h s u r y r f d p s u h n æ r v q r v h x g h v h p s h q k r, h d i h w æ p w æ q w r v h x l q j u h w r q d l q w l w l r g h h q v l q r v x s h u l u t x d q w d v x d s h u p d q q f l d.

## R'Éyá"u xÀRyÊyÁÔÀ²Öª yÁÍÀ

A g l v d h l d g r g h v h q y r o l p h q w x p d f r q g l r q h x u e l r o j l f d s h u p d q h q v n f d u d f v n u l d g d s r u x p s u h n æ r h v s h f i l f r q d d s u h q g l d j h p g d d h l w æ d, h v s h f l d o p h q v n q d v k d e l d g d g h v g h g h f r g l i l f d r, u h f r q k h f l p h q w d f x u d g r r x i æ q f l d g h s d æ y u d v, h t x h s r g h h w æ l u d f r p s d q k d g d g h g l i l f x æ d g h v g h f r p s u h q v r g d d h l w æ d (P h v h u r q & P h q q l a j w r q, 2015). A s u y d o q f l d g d g l v d h l d g h f h u f d g h 20% q d s r s x æ l r p x q g l d o (S k d' z l w & S k d' z l w, 2020) h, j h u d o p h q v n, l g h q w i l f d g d h p l g d g h h v f r æ l u x p d y h t x h h y l g h q f l d g d h p f r q v n l w d f d g p l f r.

P d u d t x h r s h u l o g h s u h n æ r v v h r d f r q v l g h u d g r x p w æ q w w u q r h v s h f i l f r g h d s u h q g l d j h p, q h f h w u r t x h d v g l i l f x æ d g h v d s u h v h q w æ d v s r u x p l q g l y g x r q r v h r d p p h æ k r u h l s d f d g d v s r u g l i l f x æ d g h v v h q v r u d l v, r x s r u d g y h u l g d g h v s v l f r v r f l d l v t x h d i h w æ p r s u f h w r g h h q v l q r - d s u h q g l d j h p, v æ l l v f r p r i d æ d g h d f h w r d x p h q v l q r g h t x d d g d g h, v l w æ d h v g h y x æ h u d e l d g d g h v r f l r h f r q p l f d, d w æ d v r q d l q v h u r r x h y d v r h v f r æ l u v l w æ d h v g h y l r o q f l d, g h q w h r x w æ v (A P A, 2023). A o p g h w h v f u w u r v, s h w r d v f r p g l v d h l d q r s r g h p d s u h v h q v æ l u g i l f l w f r j q l v y r v j h u d l v, f r p r x p s h u l o g h g h i l f l q f l d l q v n d f v æ d o (A P A, 2023). E w h f u w u r, f r p r r v g h p d l v, f h u l i l f d t x h r s u h n æ r d s u h v h q v æ l g r h v s h f i l f r s d u d k d e l d g d g h g h d h l w æ d, g h p r g r t x h s h w r d v f r p g l v d h l d v h q g h p d d s u h v h q v æ l u x p s d g u r g h g l v f u s q f l d l q h v s h u d g d h q w h v h x v u h v x æ l g r v h p v h w h v g h l q v n d j q f l d (Q I) h v h x v u h v x æ l g r v h p v h w h v g h d h l w æ d, f r p r d s r q v æ l g r q d F l j x u d 1 (S k d' z l w & S k d' z l w, 2020).

A g l y h j q f l d h q w h d k d e l d g d g h f r j q l v y d j h u d o (u s u h v h q w æ d s h æ Q I) h d k d e l d g d g h g h d h l w æ d f d u d f v n u l d d g l v d h l d, w æ p e p, f r p r x p d f r q g l r l q h v s h u d g d, g d g r t x h s h w r d v f r p g h v h q y r o l p h q w w s l f r v h q g h p d d s u h v h q v æ l u x p d u h æ l r g l q p l f d h q w h d v g x d v k d e l d g d g h v, x p d y h t x h r g h v h q y r o l p h q w g h x p d v h u æ f l r q d f r p r g d r x w æ d, g l i h u h q v n g h s h w r d v f r p g l v d h l d, f x m g h v h q y r o l p h q w q r r e v h y d g r g d p h v p d i r u p d (S k d' z l w & S k d' z l w, 2020).



Oxvudv f dudf vhuwlf dv lp s r u dqvñv gdv glilfx dghv gh dlvxud s uhvqvñv qd glvñ| ld v r vhx fdu vhu s hup dqhqvñ h khvñur j qhr , r t xh vñj qliif d t xh dv glilfx dghv gh dlvxud h hvf ulv d h uñwñp dr σ qj r gdylgd gh xp d shwr d h dv p dqlihwñ hv ghwdv glilfx dghv s r ghp ydududp s d p hqvñ hqvñ r v lggly gxr v fr p r v dqvñ uqr (Phvñur q & Phqqqaj w q, 2012). Ar σ qj r gr ghvhqyr qlp hqw , s r u p , r evhñd-vñ t xh r v lggly gxr v fr p glilfx dghv vñqghp d ghvhqyr qhuvx dv s u s udv h wñdwj ldv fr p s hqvdu dv t xh s r ghp vñu fr p r ir fr glp lqxur lp s df w gr v s uññ "r v gh dlvxud qdv dñylgdghv gl udv (Ad h wdo, 2020; Skdz & Aqghur q, 2018). Mhvp r fr p r ghvhqyr qlp hqw gh vñlv h wñdwj ldv , s r u p , dgxñ v fr p glvñ| ld s r ghp ds uhvqvñ dlvxud s r xfr iñxqvñ h s uñlv d, glilfx dghv s dud lghqvñ l fdu h s u r qxqf ldu s dñyudv q r ydv , h glilfx dghv s dud fr p s uhqghy lqvñus uhvñ h lqihulv r e u p dñu dlv hvf ulv v (Mr r rñq h wdo, 2016; Svñp s r σñlv h wdo, 2015).

Nr fr qvñ| w gr q yho vx s hñr u gh hqvñqr , hvs hf lñlf dp hqvñ , q r y r v ghvñlr v v r lp s r wñv dr v hwxgdqvñv. Nr f dv r gh hwxgdqvñv fr p glvñ| ld , s r w yhot xh dv h wñdwj ldv fr p s hqvdu dv s uñyldp hqvñ ghvhqyr q l g d v s r uhvñv lggly gxr v q r vñdp vxñlf l hqvñv s dud d g d u fr p r df hqvñ dgr yr α p h gh ghp d qgdv gd yl g d d f dg p l f d , fr p r dñu w gr v r vñ| w v hvs h u d g r v s d u x p d g l v f l s d q d , i d " h u d q r vñ h v q r p r p h q w g d d x ã , uñlj l u w d e d d r v h uñwñ u r v fr p hvf ulv w f q l f r - f l h q w l f d , h wñgdus uñyldp hqvñ s dud s u r ydv , uñlvdu hvs r wñv glvfxuñydv hp dydd d hv , uñdñ d u s u r ydv h gh p dlv dñylgdghv dydd dñydv q r p hvp r s h u r g r gh vñp s r t xh r x wñ v h wñgdqvñv , ghqvñ r x wñv l q p h u d v dñylgdghv (Mr r rñq h wdo, 2016; Svñp s r σñlv h wdo, 2015).

Nhvvñ fr qvñ| w , x p h wñx g r t xh l q y h wñj r x d v s u vñf dv gh h wñx g d q vñv fr p glvñ| ld q r h q v l q r v x s hñr u uñyñ x dñj x p dv gdv s u q f l s dlv h wñdwj ldv fr p s hqvdu dv dgr v d g d v (M d f f x ã d j k h wdo, 2017). Eqvñ h wñdv h wñdwj ldv gh wñf dp -vñ: x vñ dñ u r i v z dñv s d u d j u d y d r gh yr " dr dñlvñu v dñvñ h d s dñwñdv , lp s u p l u r v v d g h v x vñ dñ g r v h p ds uhvqvñ hvs dñu dñu fr p dqvñf hg qf ld r fr qvñ gr h s dñu dñf l dñu d hvf ulv gh d q r vñ h v dr σ qj r g d d x ã ; s uñh u d dñylgdghv t xh h q y r q h p fr q vñv fr p s u vñf d r x r x wñv w f q l f dv gh h q v l q r t xh q r

vh edvhldp vr p hqvñ qd ðhlvud h hvfulvð; p dqvñu d ghglfd r gh ðhlvud vr p hqvñ txdqgr hvvldp hqvñ qhfhw ðr, hylvdgr ðu sruhl hp sð, fr qvñ gr v eldr ju ilfr v fr p s ðhp hqvðlv; ghqwh r xvudv hvvldw j ldv (Mdfxæj k hwd, 2017). Oxvr hwægr (Mr rñq hwd, 2020) vxj huh t xh lqgly gxr v fr p glvñ lð, dr dgdhp fr p xp vñ w dfdg p lfr h fr p s ðhl r, srg hp fr p shqvdu vxv g ilflw fhqvðlv xvld d qgr w v uhfxur v fr p s ðhp hqvðlv: xp d ðhlvud ðqvð h hvir u dgd; ds ur yhlvðv h gd kdeldgdgh yhedoj hudo h hl s ð udud hwævud uhwldgr vñ w s dds ur fhvduvhx fr qvñ gr.

Ao p gr v lp s dfv v uðflr qdgr v v dylgdghv t xh hqyr ghp d kdeldgdgh gh ðhlvud, hwægdqvñv fr p glvñ lð srg hp ds uhvqvður xvur vls r v gh s uññ "r v p dlvd fhqvðgr v gr t xh hwægdqvñv vhp glvñ lð, fr p r ghvifkr v qhj dlyr v hp vd gh p hqvð(Jr ugdq hwd, 2014). Dhqwh dv s ðqf ls dlvd" hv s dds lwr, srg hp vhu flvlgdv r v hqr gh dxw hlf fld h gh dxw hwlp d dihvðgr v s hðv hl s hul qfldv qhj dlydv t xh hwdv s hvv dv ylyhqfldp dr ð qj r gd vxd vðrhvud (Jr ugdq hwd, 2014). Phvr dv fr p glvñ lð srg hp, dlqgd, ds uhvqvðv fuhq dv vr euh vl p hvp dvt xh dv fduðvñu"dp fr p r shvr dv ð uhj xl r vðv, ðxvðv h ðvws lgdv, p hvp r qrv fdr v gdt xhðvt xh mvlqkdp uhf helgr r glj q vlf r h fr p s uhqglp vxdv glilfxægdghv (Eydv, 2014; Mxðu 2017), do p gh ylyhqfldhp hslv glrv gh iuxvud r dvr fldgr v dr hvir ur dglflr qdohfw ðr s dds t xh f x p s uðp vðhldv g dylgd dfdg p lfd (Mdfxæj k hwd, 2017).

Nr t xh gl" uhs hlv v fuhq dv qhj dlydv gh shvr dv fr p glvñ lð vr euh vl p hvp dv, ghvñ-vñ uhwðvud lqia qfld gdv uð hv v fldlv. A s h s hwæd r gh s u -fr qfhs hv p dlvd p s ðv hl lvñqvñv vr euh s hvv dv fr p glvñ lð, fr p r d gh t xh vxdv glilfxægdghv v r f d v d g d v s r u i d d gh lqvñvñv s hðv hwægr v, h dlvv ghv s ufr qf hlvv dv, fr p r r xvr gh vñp r v s h m u d l y r v s d u d v h g l u j l u d h w d v s h v r d v, f r q v l e x h p s d u d i r u p d r gh xp d lp dj hp p d f d g d s h d g l v f u p l q d r h i r u d h f h p d e d l d d x w h w l p d g h w h v l q g l y g x r v (S l o y d h w d, 2019). Awlp, fr p s uhqgh-vñ t xh dv glilfxægdghv s vfr v r fldlv hqihqvðgdv s r us hvv dv fr p glvñ lð srg hp hvdv uðflr qdgdv vedvhlv lp s r w d v s h d i d d gh d v l w q f l d h g h s u r s r w d v g h l q f a v r h s h d v f r q f h s hv s ufr qf hlvv dv hl lvñqvñv vr euh r v d q w u q r.

Cr qvghudqgr dv s d u l f x æ l g d g h v g r h q v l q r v x s h u r u t x h u t x h u p p d l r u d x w q r p l d g r v h w æ g d q v ñ v h x p d x p h q w q d g h p d q g d s r u d h v u d, h vñqgr hp p hqvñ dv glilfxægdghv s uhyldp hqvñ p hqflr qdgdv t xh dv s hvv dv fr p glvñ lð hqihqvðp hp vðd gh dxæ h gxvðvñ r v p r p h q w v g h h w æ g r, f r p r d w p d g d g h q r v d u s l g d v, s æ v y h o t x h h w h v d æ q r v g h v h q y r g d p f u h q d v q h j d l y d v v r e u h v x d f d s d f l g d g h g h f r q v l e x l u h i h v l y d p h q v ñ h p v d h i d v d f d g p l f d v h p j u x s r. l v r s r g h, q r t x h d h f r q f h u q h, g l i l f x æ u d l q v ñ u d r f r p f r d j d v g h v x p d h r h w d e h d f l p h q w g h q r y d v d p l d g h v (W l o p r w h w d, 2023). Dh p r g r v h p h d d q v ñ, g h y h -v h f r q v l g h u d t x h, g h y l g r v f u h q d v g h l q i h u r u d g d g h r x l q d s v l g r, h w d v s h v r d v s r g h p q r v h v h q v u f r q i r u w y h l v s d u d s u r f x u d u h s d u l f l s d u g h d l y l g d g h v h l w d f x u l f x æ l v, f r p r s u r r h w v g h l q l f l d r f l h q w l f d, h l vñq r x q l y h u l w u d h l q l f l d r g r f q f l d, g h q w h r x w r v (Jr ugdq hwd, 2014; Buxqvz lfn & Bduj d, 2022).

Nr vð-vñ t xh r v ghvdlrv gh shvr dv fr p glvñ lð q r h q v l q r v x s h u r u v r l q p h u r v, g h v g h d v g l i l f x æ d g h v t x h v d s u h v q v d p d r ð q j r g d i r u p d r q r h q v l q r e v f r, h t x h d i h v d p r g h v h p s h q k r h p s u r y d v g h v d h r h l q v h u r q r h q v l q r v x s h u r u d v d s d u l f l s d r d l y d q d v d l y l g d g h v d f d g p l f d v. D h y h -v h u h v d o d u s r u p, t x h, d s h v d u g r v g h v d i l r v h g d v g l i l f x æ d g h v l p s r w d v s h o f r q v ñ l w d f d g p l f r, u d v r v g h s h v t x l v d h p x q l y h u l g d g h v x h f d v h l q j d v d v (O o i w r q h w d, 2015; R l f k d u g r q & W' g h o 2003) d s r q v d p t x h r v h w æ g d q v ñ v fr p glvñ lð ir uðp f d s d" hv gh fr q f a l u v h x v f x u r v g h j u d g x d r f r p v x f h w r. l p s r u d q v ñ

u h w d o d u t x h h w h v h w x g d q v h v q h f h w l v d u p g h v h p s r h w h q g l g r g h i r u p d x u d r x g h d s r l r d s u r s u d g r q d v l q w l x l h v g h h q v l q r , r e v h q g r , l q f a v l y h , g h v h p s h q k r v v h p h a d q v h v d r v g h h w x g d q v h v h p T E A s .

### c duÁy²xuÊWÉÍ'ÍÓ' yÊxy SÁÊ'ÁÁ Áu WÁÓÊ À

Ep er ud d glyxg d r df huf d gd glvñ|ld vñrd lqf ls hqvn qr BudMo(Cdúf huhv & Cr yuh, 2018), hwlp d-vh t x h | l w d p d s u r | l p d g d p h q v n 8 p l d k h v g h s h w r d v f r p h w h v a d q w r u q r q r v h u l w u r e u d v d h u r (l q w l x x v r A B C D , 2021). A s h v d u g h v h u x p q p h u r h | s u h w l y r , d d x v q f l d g r g l d j q w l f r s u h f r f h s r g h d i h v d u q h j d v l y d p h q v n r g h v h p s h q k r d f d g p l f r g d s h w r d f r p g l v ñ | l d q r s u r f h w r h g x f d f l r q d o x p d y h " t x h h w d q r v h e h q h i l f l d g r d f r p s d q k d p h q w h v s h f l d d " d g r d t x h v h v h p g l h l w , f r q i r u p h d L h l q x 14.254/2021 (B u d M o 2021). N h w h v h q v l g r , r g l d j q w l f r v a l u g l r x p d u h d d g d g h s u h r f x s d q v n q r B u d M o O l q w l x x v r A B C D l q y h w l j r x , h p 2021, x p j u x s r g h d g x o v f r p T E A s h p t x h t x d v h x p v h u r g r v h v s r q g h q v n v r e v l y h u d p r g l d j q w l f r m q d i d v h d g x o d , d f l p d g h 30 d q r v (N d y d v & C l e r w , 2021).

M x l w v e u d v d h u r v f r p T E A s h q i u h q v d p g l i l f x a g d g h v s r u w g d d l q i q f l d h d g r d h v q f l d , d o p g h j u d q g h s d u h g d y l g d d g x o d , v h p d r p h q r v d e h u t x h s r v x h p x p v a d q w r u q r . C r p u h a l r d x w s h u f h s r g r g l d j q w l f r , l q v h u h w d q v n r e v h y d u t x h v a d q w s h w r d v f r p g l v ñ | l d t x h u h f e h e u d p r g l d j q w l f r g x u d q v n d l q i q f l d t x d q w d t x h a l v g l d j q r w l f d g d v q d y l g d d g x o d , u h a l v p v h q v l u r v l p s d f v v g r v a d q w r u q r h p v x d d x w h w l p d h d x w h i l f f l d (C d ú f h u h v & C r y u h , 2018). N h w h v h q v l g r , r g h v l q v h u h w h s h a v h w x g r v x p j u d q g h s u r e d h p d q r h q v l q r p g l r e u d v d h u r , d y d q g r d u h x o d g r v d f d g p l f r v l q v d l w i d w u r v h s r v h q f l d o h y d v r h v f r a u (M h q g h v , 2013). I w r s r g h v h u h v s h f l d q p h q v n u d h y d q v n s d u d f u d q d v h d g r d h v h q v n v f r p g l v ñ | l d q r g l d j q r w l f d g d , t x h s r g h p q r u h f e h e u r d s r l r q h f h w u r q d h v f r a l s d u d f x o l y d u r l q v h u h w h s h a l h g x f d r h , d w l p , g l p l q x l u r x h o p l q d u v x d v s h u s h f v l y d v g h l a j u h w d u q d x q l y h u l g d g h (S k d ' z l w & S k d ' z l w , 2020).

A o p g l w r , q r j u x s r g l d j q r w l f d g r v a l u g l d p h q v n , k u h a l v v g h d u d v r v q d i r u p d r h g x f d f l r q d o g h y l g r d u s h w l h v g h d q r (C d ú f h u h v & C r y u h , 2018). E w d f r q w a l d r g h w a l f d f r p r r g l d j q w l f r g d g l v ñ | l d s r g h d i h v d u d p d q h l u d f r p r r v l q g l y g x r v v h s h u f e h e p h v h v h q v n p h p u h a l r v v x d v k d e l d g d g h v h u h d d " d h v d f d g p l f d v , l a g h s h q g h q v n p h q v n g d l g d g h h p t x h u h f e h e p r g l d j q w l f r . I w r v x e d q k d d l p s r u w q f l d g h x p v x s r u h d g h t x d g r h l q v h u y h q h v h g x f d f l r q d l v s d u d s h w r d v f r p g l v ñ | l d , l a g h s h q g h q v n p h q v n g r h w w j l r g d y l g d h p t x h r g l d j q w l f r i h l w .

A l a q d t x h d L h l q x 13.146/2015 (B u d M o 2015) j d u d q v d r d f h w r g d s h w r d f r p g h i l f l q f l d d r h q v l q r v x s h u r u l p s u h v l a g y h o g l i h u q f l d u d g h t x d g d p h q v n r s u r f h w r g h l q f a v r g r s u r f h w r g h l q v h u r . O s u r f h w r g h l q f a v r , s r u v l v , l q w r g x " r h w x g d q v n q d l q w l x l r g h h q v l q r , f d e h q g r d h a d g h t x d u v x d v q h f h w l g d g h v d r i x q f l r q d p h q w d f d g p l f r (S d q w v , 2020). A s h v d u g h v h u x p d g l i l f x a g d g h t x h f r p s u r p h v n r g h v h p s h q k r d f d g p l f r , q h f h w u r u h w d o d u t x h d g l v ñ | l d q r f r q v l g h u d g d f r p r g h i l f l q f l d h , p h v p r v h q g r x p d N h f h w l g d g h E g x f d f l r q d o E v s h f l d o (N E E ) , q r d p s d u d g d s h a l L h l B u d M o l u d g h l q f a v r (M h g h l u r v h w d o , 2017; S l o y d h w d o , 2019). D l d q v n g h v a l f h q u r , d v l q w l x l h v g h h q v l q r v x s h u r u l p s d f d g d v f r p d l q f a v r r g h s h w r d v f r p N E E , l q w l x x h p r v q f a r v g h d f h w l e l d g d g h .

E p 2005, d U q l y h u l g d g h F h g h u d o g h P h u q d p e x f r (U F P E ) s d w r x d s u r p r y h u r P u r j u d p d l q f a l u r s u l p h l u r s u r j u d p d d q y h o q d f l r q d o g l u j l g r v s h w r d v f r p g h i l f l q f l d q r h q v l q r v x s h u r u h v s r q v y h o s r u Q l d e l d " d u d v d h v g h l q f a v r h d f h w l e l d g d g h h g x f d f l r q d o q d v I F E S [l q w l x l h v F h g h u l v g h E q v l q r S x s h u r u ,

s r l v r v h x s u l q f l s d o r e r h v l y r i r p h q v l u d l p s d h p h q v l r h d f r q v r d g d r g h q f d h r v g h d f h w l e l d g d g h q d v x q l y h u l g d g h v i h g h u l v i (Fuhlvd, 2021). O P u r j u d p d l q f a l u f r q v l e x l x s d u d r v x j l p h q v r g h q f d h r v g h d f h w l e l d g d g h h p g l y h u d v I F E S, h d g x q v g h d v l q f a d p s h w r d v f r p T E A s q r s e d f r d v l w l g r .

A s d u l u g h w d v p x g d q d v, h q v l h r v d q r v g h 2013 h 2014, d U F P E f u l r x v h x N f d h r g h A f h w l e l d g d g h (NACE), t x h l q f a d d a q r v h v h u l g r u h v f r p g l i l f x a d g h v g h d s u h q g l " d j h p f r p r s e d f r - d o r g r v h u l r , d o p g r v j u x s r v m u h i h u g r v s h a l L h l g h l q f a v r . D h p r g r v h p h a d q v l h r N f d h r g h A h v l q f a v l y d v s d u d v P h w r d v f r p D h i l f l q f l d (NAPD), g d U q l y h u l g d g h E w a l g x d o g r S x g r h w l h g d B a k l d (UESB), i r l f u d g r h p 2009, h v l p e p r i h u f h v x s r u l h d r v g l v f h q v l v f r p g l v d l d (S l o y d h w d o, 2019). E p 2010, q d U q l y h u l g d g h F h g h u d o g r R l r G u d a g h g r N r u l h (UFRN), i r l g h v j q d g d d C r p l w r P h u p d q h q v l h g h A s r l r d r E w a l g d q v l h r p N h f h w l g d g h E g x f d f r l q d o E v s h f l d o (CAENE), l q f a l q r v l p e p h p v h x s e d f r - d o r s h w r d v f r p T E A s, g h p r g r d p l v j d u d p d j l q d d " d r g h h w a l g d q v l h r p g l v d l d q r f r q v l p s a l g d v s h a l P r o v l f d g h l q f a v r (Mhghlur, 2017; Mhghlur v h w d o, 2017)<sup>1</sup>.

P d h w f k h M h o (2017), s r u h l h p s a , d s u h v h q v l p h p v x d s h v t x l v d 19 q f d h r v g h d f h w l e l d g d g h v h d f l r q d g r v g h U q l y h u l g d g h v F h g h u l v a f d d " d g d v q d u j l r v x g h w l h g r B u d l o D h q v l h d v s u l q f l s d l v d v l y l g d g h v g h v h q r o l g d v s h o v q f d h r v h w r d d u l f x a l r g h h i h v l y d r g h s r o v l f d v d i l u p d v l y d v (6 x q l y h u l g d g h v), s u r r h w v g h h l v h q v r v r e u h r v h p d d e d f d q g r d f r p x q l g d g h (5), s u r r h w v g h s h v t x l v d v r e u h l q f a v r h d f h w l e l d g d g h q r h q v l q r v x s h u l u (5) h y l d e l d " d r g h u f x u r v g h v h f q r o j l d d v l w l y d s d u d r v d v l w l g r v s h o v s u r j u d p d v (5). E p e r u d v h r d p l q l f l d v l y d v l p s r u a l q v l h, d s r x f d d g h v r g d v x q l y h u l g d g h v h p d h v t x h s u r p r y d p d d f h w l e l d g d g h s r g h v h w u d u x p h p s h f l d r s d u d i r u p d r g h s h w r d v f r p g h i l f l q f l d r x N E E.

E p e r u d h l l v l p q f d h r v g l u h f l r q d g r v d h w a l g d q v l h r p g h i l f l q f l d t x h l q f a h p d v N E E h p v h x h v f r s r g h d h q g l p h q v , l p s r u a l q v l h v d h v q v l u s d u d p d q h l u d h i l f d " h v g h j d u d q v l u d s h u p d q q f l d g h s h w r d v f r p T E A s q d h g x f d r v x s h u l u A w l p , g h q v l h d g x p d v s u r y l g q f l d v t x h s r g h u d p i d y r u h f h u r v h w a l g d q v l h r p g l v d l d q r h q v l q r v x s h u l u g h w a l f d - v h g h v g h v h q v l u v h s h u r g r s u r i h w r u h h y l v l u g l w d h v q d f d u l l u d, d w d d g d s v l r g r f r q v l h g r h s d u l f l s d r g r h w a l g d q v l h q r s u r f h w r g h d t x l v l r g r f r q k h f l p h q v (S d q v r v, 2020).

D h d f r u g r f r p S r d u h h S r d u h v (2018), d f r p x q l g d g h h v f r a l u h p v x d w v a l d g d g h, l q f a l q r d v i d p d d v g r v g l v f h q v l h, g h y h v h h q y r o h u q r g h v h q y r o l p h q v g d l q f a v r q d v l q v l w l h v g h E q v l q r . O x w r v h d h p h q v v r d s u h v h q v l g r v s h o v d x v r u h v f r p r l p s u h v l q g y h l v s d u d l q v h u r g r v d a q r v, v a l v f r p r d f d s d f l v l r g r f r u r g r f h q v l h (C r u h l d, 2007) h d u x s v a d g h f r q f h s h v s u h f r q f h l v x r v d v h q h j d j h q v l h r p r v d a q r v g l v o l l f r v (P h q q d f, 2009, f r p r f l v d g r s r u S r d u h h S r d u h v, 2018). C r j d q h R h p (2002) d d h u d p s d u d q h f h w l g d g h g h r v s u r i h w r u h v h y l v l u h p u r v a l u d a q r v g l v o l l f r v, u h f r q k h f h q g r t x h h w h v h w a l g d q v l h s r g h p d y d u p d l v h p s r s d u d f r p s u h q g h u r f r q v l h g r, d o p g h h q i d w l d u h p r f x l g d g r h p q r x v l d " d u d p h d d v h d l p s r u w q f l d g h h w a l d w j l d v s h g d j j l f d v s r v l y d v s d u d p r v l y d u r v d a q r v f r p g l v d l d.

O a i w r q h w d o (2015) h H d u y h ' & B x u l s (2019) d s u h v h q v l p d g x p d v i h u d p h q v l v i r u q h f l g d v s d u d r v h w a l g d q v l h r p g l v d l d q r E q v l q r S x s h u l u f r p r g l v s r q l e l d " d r g r v d u t x l y r v g h P r z h u P r l q w x v l d " d g r v q d v

<sup>1</sup> É importante ressaltar que os núcleos citados foram incluídos por serem mencionados em artigos científicos que tratam da temática do presente trabalho e não correspondem à totalidade de estruturas voltadas para o atendimento às pessoas com deficiência ou NEE no ensino superior.

dxælvh|sr vlvdydv, ds r wælv, xvr gh dxglr dyur v, xvld" d r gh dqr vð hvihlvð hp dxæls r udxqr v vhp glvð|ld, p dlr uvlhp sr s dud dv dyddd hv r x d glylv r ghvð hp gldv glihuqhv h xvr gh dlv us dud dndvs hj xqvð hp yr" dævs dud r dæqr. Qxdqwr s r wælv gr s ur ihwr ur v dxw uhv hqfr qvælvdp t xh r v s ur ihwr uhv fr qvlghudp t xh s dwdv lqvæx hv p dlvr glihvð, h|s d fdu fr qfhlvr v gh ir up d p lqxf lr vð, id" hu shj xqvð gxudqvð dv h|s d f d hv h dx|lddu qd hv fvlð gh dvlvgdg hv dydddvdydv r p w gr v t xh s r ghp dx|lddu r v hwxgdqvð. Aglfr qdqp hqvð, Wlædv & L' qfk (2010) h Br ued & Budj j lr (2016) vxj huhp t xh r v s ur ihwr uhv g hp p dlr u qidv qd s dvlf ls d r yhuædogr v dæqr v, uhgx"lqgr d fdj d gh dlvæud, h id" hqgr dyddd hv r dlv vhp s h t xh s r v yho Alqgd, vxj hulgr t xh r v s ur ihwr uhv ir uq h dp glf dv gh hwxgr h hvt xhp dvl" d r gh fr qvð gr hp vðæ, r t xh ehqhilf ldud q r v r v hwxgdqvðv fr p TEAs fr p r dt xh dlv fr p ghvhqyr qylp hqwr vs lfr (Avr fld r Budvðlv gh Dlvð|ld [ABD', 2016).

Aop gds dvlf ls d r gr v s ur ihwr uhv h gd lqvæx l r gh hqvqr, xp s r qwr lqvðuhv dqvð qd lqfæv r gr v dæqr v fr p glvð|ld d fr æler uð r gh fr dj dv gh væup d, dp lj r v h idp ldduhv qd thylv r gh væddkr v hv fvlvr (Oæ iwr q hwdo, 2015). Nhvh vqvlg r, vñur gl dj q wlv r ghvð TEAs s r gh vñuxp idf ldvðgr u xp dyh" t xh, flhqvðgd glilfxædg h, dvs hvr dvs u |lp dvs r ghp vñ hqj dndup dlvs dud dx|lddur glvo |lfr.

O gl dj q wlv r s hfr f h vðp e p s r gh vñuxp dp hglgd lp s r wæqvð, xp dyh" t xh dx|ldd fvl d q d fr p glvð|ld d ds uhqghu qr ydv h p dlvr hlf d" hv h wædvj ldv fr p s hqvdu dv gh dfr ugr fr p r vls r gh g ilflwt xh ds uhvqvð, uhgx"lqgr dv fkdqf hv gh uhs hwqf ld h ghvqvðuhv h s hæl hgx f d r. Dhwd ir up d, hwd ihuæp hqvð lp s d f vð lqglhvðp hqvð qr lqj uhvr ghwðv s hvr dv qr hqvqr vxs hulr u (Cd f hu h Cr yu, 2018). O gl dj q wlv r vælg r, s r v x dyh", ds uhvqvð lp s d f v r qhj dlv r v qdv fr p s hwqf ldv r flr hp r flr qdlv h d f dg p lf dv gr v x rlv r, xp dyh" t xh r s dyd gh xvx ixlugh uhfxur v hgx f dlv r v hvs hf ilfr v s dud v x dv glilfxædg hv (Cd f hu h Cr yu, 2018). Oxvr lp s r wæqvð t xh wlv r qdp hqwr vr euh d q r lqvhu r gr v TEAs qd Lhl Budvðlv gh lqfæv r, ilf d qgr d fdj r gdv lqvæx l hv gh Eqvlqr dlv qghu p r x q r dv uhylqglf d hv gr v hwxgdqvðv fr p h vñ vls r gh s h r v "r, xp dyh" t xh h vñ v s r v x hp ghvdydqvðj hqv hgx f dfr l qdlv fr p s d d g dv d hwxgdqvðv vhp r v wæqvð uqr v h qhf h wlvðp gh dfr p s d qk dp hqwr ds u s u dgr s dud v x d fr qvlx l g d gh fr p t x d d g d gh qdv idf xædg hv h xqlyhu l g d gh v e u d v dlv.

O s ur fhglp hqwr p dlvr lj qlilf dlv r gh y h vñur gh hqyr q yhuq d glv xw r vr euh h wædvj ldv gh lqfæv r h dgds vð r v s u s u d v s hvr dv fr p glvð|ld, xp dyh" t xh v r hævt xhp p hkr us r ghp gl" hut xdlv p hglgdv v r dv p dlvr hlvdydv s dud v x d s d qd lqfæv r, h q r vr p hqvð d lqvñj uð r qr hqvqr vxs hulr u Dhvh p r gr, lp s r wæqvð uhi hlv vñ dr s r v lfr qdp hqwr gh Tr p Skdnhv s hduh, dvlv l vð gh glihlvr vgdvs hvr dv fr p ghilf l qf ld, t xh gh fælv t xh:

Rhfr qk h f hud s huf ld h d dxw ugd gh g d v s hvr dv fr p ghilf l qf ld p xlv lp s r wæqvð. O p r ylp hqwr g d v s hvr dv fr p ghilf l qf ld vñ uhv x p h hp idælv s r u q v p hvp r v. E d h vælv gh fr p r vñuxp d s hvr d fr p ghilf l qf ld. E d h vælv gh fr p r vñu h vñ r x dt xh d vls r gh ghilf l qf ld. E d h vælv gh h|lj lut xh vñ r p r v uhs hlvðgr v fr p r v y h ugd gh l r v s hlv r v d uhs hlv r gh ghilf l qf ld. E d h vñ uhv x p h q r d h p d Æ d g d S r e u h N v, S h p N v i (S k d n h v s h d u h & W d w r q, 2001).

## QÀÁÊ'xyÉu yÊT'Áu'Ê

O s u h v h q v h w d e d d k r v n y h f r p r r e h v l y r g l v f r u h u v e h d v g l i l f x g d g h v t x h h w x g d q v h v f r p g l v h | l d y l y h q f l d p q r h q v l q r v x s h u r u O v s r q v r v d y d q v d g r v l q g l f d p t x h, d s h v d u g h h | l w l h p l q l f l d v y d v y r o d g d v s d u d d s r s x a d r g l v o | l f d, l p s d h p h q v d g d v s r u d g x p d v l q v l w x l h v g h E q v l q r S x s h u r u h w d v d l q g d q r v r h | h f x v d g d v s r u w g d v d v h q v d g d h v. U p d s r w y h o u d " r s d u d l w r d h | f o x v r g r v T E A s, f r p r d g l v h | l d, q d v s r o l f d v s e d f d v g h l q f o x v r h d f h w l e l d g d g h. O e v h u y d - v h, q r h q v d q w, x p p r y l p h q w l q l f l d o d u h v s h l w g d d w l w w q f l d d s h w r d v f r p D l v h | l d, d w d y v g h q r u p d v f r p r d L h l q x 14.254/2021 (B u d l o 2021), g h d v h q r v s h w r d v f r p T E A s. E p e r u d w o f r q t x l w d h w h r d s u h v h q v h q d h g x f d r e v l f d, l p s r u d q v h t x h d v l q v l w x l h v g h h q v l q r v x s h u r u s r u p h l r g h v x d v l q l f l d v y d v g h s u r p r r g d l q f o x v r h d f h w l e l d g d g h, d w h j x u h p d l q v h u r h s h u p d q q f l d g h w h v h w x g d q v h v, f r q v l g h u d q g r v x d v f d u d f v h u w l f d v h q h f h w l g d g h v h s h f i l f d v.

A g x p d v h w d w j l d v f l v d g d v r e d v d q v h u d y d q v h v, f r p r d f u d r g h q f d r v g h d f h w l e l d g d g h h d g l v s r q l e l d " d r g h v n f q r o j l d d w l w l y d. E q v h v d q w, l p s r u d q v h t x h r d x | d r d s h w r d v f r p g l v h | l d q r v h h v j r v h q d v h w d w j l d v h p s u j d g d v d w d o p h q v h, g h v h q y r o y h q g r - v h q r y d v s u r s r w d v g h l q f o x v r f r p d s d u l f l s d r d v y d g r f r u s r g l v f h q v h g l v o | l f r h p v x d h o d e r u d r.

## f y z y Ê Á w u Ê

D a p N / N x i j i ~ x p f / M V z g n f s / P 1 P 1 l V ( W y i ~ r s / F 1-5353, 1 K t ~ i t j x i ' x g j S r i m u f h y t s y n j j i z h f y n s f q

j S u j v i s h j x t k n j f o n h f v j x y z i j s y x B D v z f o v f y h j x y z i ' 1 H z w r u j f s N t z w f q t k G j s y f q H z h f y n s / 57-4, / 4870  
4951 m y u x ~ 2 i t r t w 243 4444 j o 457: < 1

D d j x V V I m u j / O I S Y S j v j n v / D I S I V j h t / J 1 P 1 G I V I E Y ( S j v j n v / P 1-5343, 1 G r x j S r i j r j x y z i f s y x i t j s x r s t x z u j v n w f  
f d z s x i f i t x i f r s y j v j s t s t l s x y z y t S t o y h s h t i j Q n v i 1 s / j x y n f h n s j s F t s / n j s h r i f H k h t d f v f  
/ f w f g g j x v j d f h t s f i f x 63 < 06471

D r j v h f s S x' h n t q l r h f q D x t h r i y n s 1-5356, 1 P f s z f q i r i l s x y n t j j x y f y x y n t i j y n f s x t v s t x r j s y f x = G V P O B O V I  
D y r j i 1

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D x t h r i t E v i x r o j n v i j Q t w f x W h s r h f x 1-5353, 1 D h j x x r o p f i j f j i r h r h f j x / r t g r o p v n j j v z n u f r j s y t x  
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i j G r x j S r i 1 G r x j S r i t w l g w h t r t O s y j v i l n w h t r O t O r x j S r i n t Q r O x f d O j O f z d 2



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P t i f a n f i j x H u j h r i q i f i f x i j H z h f t 1 m y u x 2 2 ~ ~ ~ 1 t | b w r j h 2 u y Q g w f x z s y t x 2 s t y h r i x 2 j h Q f s h f 0  
i t h z r j s y t Q t g v j 0 m u q i r j s y f h f t Q f Q s j j 042 u s j j 05353 l u i k

E v i x r d S v j x n i s h r i f U j u g a n f 1 F f x f F h r d 5354, 1 Q n s 147587 / i j 63 i j s t / j r g w i j 5354 G r x u j x t g v j t  
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K n u j w r y n i f i j W G D K, t z t z y w y w s x y t v s t i j f u v y s i r f l j r 1 F f x f F h r d  
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r s h q x t s f X s r h j w r i f i j l j i j w i q i j S j w f r g z h t 15354 ' G r x j w f t i j P j x y w i t j r S t q y m f x S g o h f x /  
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Vnf pj xuj f vj/W( Z f y x t s/Q1-5334,1Hs j s i j s i t f i j k h n s h r i l s D s f r x i f F t s k j w s h r i L s j y v s f h r i s f q A j k h n s h r i  
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Vy f r u t q' r x /D1V k r y x t z /H1S g j x y n K Y( N f q z w /U1-5348,1W h j Q f v s r l H s u j v j s h j x t k V y z i j s y x ~ r y m G' x q j S r i r s f  
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x h n t t q x y z l l g j x /x j q j x y j r /f s i r j s y f q n j f q m l G' x q j S r i 15356 l j g 5<4, 730871 i t n 43 43352 ' x 4: 5<1  
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## /f S1dSb gOb Rc Og a OgQi \_W WORSg b SUf OgH ST\_SI Sg O dOf hW RS PS\_\_ Vc c Zg

4H VK LQNLQJ EODFN P DVFX QQLQWLVH=UH CHF WR QV EDVHG R Q EHOK R R NV

Éw guÁíÂÊxu g<sup>2</sup>Ôu

### f yÊÓ<sup>3</sup> À

Nhwhn dulj r, exvfr ds uhvqvdu dğ xp dv fr qvlexl hv gh BhøHr r nv s dld (uh)s hqvdp r v dv p dvfx dqlgdghv qhj udv. Pdud lwr, vhu r dğddvdgdv reudv gd dxw udt x h glvfxvhp hhwdehdf hp xp gl σ j r vrehrvkr p hqvqhj ur v. Hr r nv t x hwlr qd d dp lvd r gd s hus hf vlyd t x h y r v kr p hqv qhj ur v ds hqdv s hæl v f d gd ylr o q f l d h ghedv h r v h i h l v r v g r s d v l d f d g r h p v x d v x e r h v l y l g d g h v. A d q d v h g h v x d r e u d g h w d f d, d l q g d, d l p s r u v q f l d g h g l v f x v l u q r d s h q d v d p d v f x d q l g d g h v, p d v d p e p g h r d k d u f u l v f d p h q v h s d l d d h w v x u d v r f l d o t x h s h u s h v d g l y h u d v i r u p d v g h r s u h w r. A r e u d g h B h ø H r r n v x j h u h d s u v f d g r d p r u f r p r p h l r g h d e h u g d g h h r g l σ j r f r p p x d k u h v q h j u d v f r p r h d p h q v v i x q g d p h q v l l v s d l d t x h r v k r p h q v q h j u r v u h s h q v h p v x d v l g h q v l g d g h v h d h v.

du<sup>2</sup>uÔÊÊw-uÔÿ: Md v f x d q l g d g h v q h j u d v, B h ø H r r n v, H r p h q v q h j u r v.

### Ov Êí Êwí

l q v k l v d u l f d h, l d l p w s u h v h q w r p h f r q v l e x v l r q v i u r p B h ø H r r n v i r u u h v k l q n l q j B æ f n p d v f x d q l v h v. l w z l o d q d o " h z r u n v e ' v k h d x v k r u v k d w h q j d j h l q g l d o j x h d e r x w B æ f n p h q. H r r n v f u l v t x h v k h q d u r z s h u s h f v l y h v k d w l h z v B æ f n p h q v r d o v k u r x j k v k h d q v r i y l r d q f h d q g g l v f x v h v v k h l p s d f w r i s d v l d f k ' r q v k h l u v x e r h f v l y l v h v. H h u z r u n h p s k d l " h v v k h l p s r u d q f h r i q r w r q o h l d p l q l q j p d v f x d q l v h v e x w d o r f u l v f d o d g g u h v l q j v k h v r f l d o w v f v x u h v k d w s h u s h v x d v h r s s u h w l r q. U o l p d v h o, H r r n v d g y r f d v h v i r u o y h d q g g l d o j x h z l v k B æ f n z r p h q d v h w h q v l d o i r u B æ f n p h q w u h f r q v l g h u v k h l u l g h q v l h v d q g d f v l r q v.

ZyâÚ ÂÊÊBæf n p d v f x d q l v h v, B h ø H r r n v, B æ f n p h q

Mhwdqgr qd Uqlyhuigdggh  
Fhghudogh Aøj r dv (UFAL).  
Cr qvdr: [huf n s v l f r σ j l d 7](#)  
[@j p d l o f r p](#)

Sx<sup>1</sup>ÁÊÊÊwuxÂHAgghur q  
Mr u h v P l u h v

f ywv<sup>x</sup>À y<sup>3</sup> H0/12/2023  
Ovy<sup>1</sup>Á y<sup>3</sup> H14/10/2024  
dÔv<sup>2</sup>wuxÂ y<sup>3</sup> H23/12/2024

Q<sup>1</sup>uÉ Slød, . S. gd. (2024).  
(Rh)s hqvdaqgr dv p dvfx dqlgdghv  
qhj udv: Rhi d l h v d s d u l u g h B h ø  
H r r n v. M r v d l f r : E v x g r v h p  
P v l f r σ j l d, 12(1), 69-78.



## VIÐAÐA

Go uld Jhdq Wdmlqv ir l xp d p xdkhu qhj ul, hvfulw ul, hgxf dgr ul h vñ ulfd ihp lqlwul dqvluuflwul, qdvflgdhp 1952 qr Khqwfñ', qrv Ewulgr v Uqlgr vgd Ap ulfd. Agr w x r q r p h gh v x d e l v d y , B h o B o l l u H r r n v , f r p r s v h x g q l p r . A h v f r d k d g h w h q r p h v h g h x d r i d w g h t x h v x d e l v d y h u d f r q k h f l g d f r p r x p d p x d k h u g h s d o l y u d v d i l d g d v , t x h q r k h v l w y d h p h l s u h w d u v x d r s l q l r h t x h q r v l q k d p h g r g h h u j x h u v x d y r . D h v g h f h g r , p x l w v d r v h x u h g r u q r v o l y d p v h p h o k d q d v h q v h d s h u r q d d g d g h g h G o u l d h d g h v x d e l v d y , x p d p x d k h u t x h , v h j x q g r h o l ( 2 0 2 2 ) , s r w x d x p g r p q l r h l f h s f l r q d o g d v s d o l y u d v . P r u h w d u l " r , B h o H r r n v d g r w x h w h s v h x g q l p r v o l p e p f r p r x p d i r u p d g h u h y l q g l f d u r d i j d g r g h v x d d q f h w u d o

Dhvg h d l q i q f l d , h q i u h q w x g h v d i l r v u a f l r q d g r v v h j u h j d r u d f l d o h , g x u d q v h d d g r d n f q f l d , i r l v h v h p x q k d g r p r y l p h q w s h o l l q v h j u l r q r v E w u l g r v U q l g r v g d A p u l f d . N d x q l y h u l g d g h , f r p r x p d h w x g d q v h q h j u l , h q i u h q w x q x p h u r v d v i r u p d v g h r s u h w r g h y l g r f r u g h v x d s h o l . E p v x d s u s u d f d v d , d r s u h w r h p d q d y d g h v h x s d l , t x h h v s h u d y d t x h h o l v h f r q i r u p d w h d r v s d s l v u d g l f l r q d o p h q v h d v l e x g r v v p x d k h u v . A v s d o l y u d v v h p s u h i r u d p v x d f r p s d q k h l u d i l h o p h v p r t x d q g r h v s h u d y d p t x h h o l q r i d o l w h q d g d . A w d y h w d g d s h o l l q v h u h f h v g r v p d u f d g r u h v r f l d l v g h u l d , j q h u r h f o l w h v r f l d o h v f u h y h x d s d u l u g d s h u s h f v l y d g h d o x p t x h i r l p d i j l q d d " d g d v r f l d o p h q v h .

E p v h x v d y u r v , v h r u " r x v r e u h d v t x h w h v g h j q h u r , u l d h f o l w h v r f l d o v h q g r h p v x d v s u s u d v y l y q f l d v d p d w u d - s u l p d g r d w g h h v f u h y h u s r l v , h p v x d v r e u d v , y l g d h h v f u l w u l q r v h v h s d u d p , s u l q f l s d o p h q v h h p x p d v r f l h g d g h t x h p d i j l q d d " d d s u r g x r g h f r q k h f l p h q w g h s h w r d v q h j u l v , h p h v s h f l d o g d v p x d k h u v . A o p g l w r , h v f u h y h x v r e u h f u v l f d f x o x u d o h h g x f d r , p x l w l q i x h q f l d g d s h o s h q v d g r u e u d v d h u r P o x o F u l l u h . D h g l f r x - v h d l q g d d h v f u h y h u v r e u h r d p r u f r p r x p d s u v l f d g d d e h u g d g h , t x h s r g h , h p v x d f r q f h s r , v u d q v i r u p d u d v r f l h g d g h .

E o l f d u h j r x f r q v l j r d h l s h u l q f l d g h v h u f r q v u d q v h p h q v h d n p e u d g d g h t x h p x d k h u v q h j u l v q r g h y h u d p v h d v h y h u d d n y d q v u v x d y r " h v h p x p d v r f l h g d g h s d v u d f d o t x h h o l g h v f u h y h ( H r r n v , 2 0 2 0 ) f r p r v x s u h p d f l w u l e u d q f d , f d s l v u d w u l h l p s h u d d w u l . E v h v d n p e u h v h y l q k d p , v r e u h w g r , g h v x d f d v d , q d v x d u h o l r f r p v h x s d l q d l q i q f l d h d g r d n f q f l d . P r u l w r , h p v x d v r e u d v , d d x w u l h v f u h y h v r e u h k r p h q v q h j u r v h p d v f x d q l g d g h v , s r l v h o l v d e l d t x h r s d v u d f d g r h r v g h p d l v v l w h p d v r s u h w l y r v v o l p e p d i h v o l p d v x e r h v l y l g d g h g r v k r p h q v q h j u r v .

P r u p h l r g h v x d v s d o l y u d v h h v f u l w v , B h o H r r n v g h v d i l r x d v h w x v x u d v g h s r g h u t x h h w d e h d n f h p r k r p h p e u d q f r f r p r q r u p d h u h i h u q f l d v r f l d o r i h u f h q g r x p d y l v r f u v l f d h v u d q v i r u p d g r u l g d v r f l h g d g h . N r h q v u l q w , d d x w u l u h f r q k h f h t x h r k r p h p q h j u r q r r f x s d r p h v p r o j d u t x h r k r p h p e u d q f r h p x p d v r f l h g d g h v x s u h p d f l w u l e u d q f d , f d s l v u d w u l h l p s h u d d w u l , h p e r u d p x l v u l y h " h v v h r d h o h v h g x " l g r s h o v l g h d l v g r s d v u d f d g r .

N h w d g l u h r , H r r n v g h g l f r x - v h d h v f u h y h u v r e u h p d v f x d q l g d g h v h k r p h q v q h j u r v h p r e u d v f r p r A j h q v h g d k r u t : H r p h q v q h j u r v h p d v f x d q l g d g h ( H r r n v , 2 0 2 2 ) h E o g h v h r g h f d p e l d u H r p e u h v , p d v f x d q l g d g ' d p r u ( H r r n v , 2 0 2 1 d ) , e x v f d q g r g l d o j d u f r p q r y d v s h u s h f v l y d v g h p d v f x d q l g d g h , h v s h f l d o p h q v h d t x h o l v t x h q r h w r d q f r u d g d v q d g r p l q d r . A o p g l w r , h p d y u r v f r p r O k d u h v q h j u r v : u l d h u s u h v h q v o l r ( H r r n v , 2 0 1 9 f ) , A q v h l r v : u l d , j q h u r h s r o v l f d v f x o x u d l v ( H r r n v , 2 0 1 9 e ) , E j x h u d y r " : s h q v d u f r p r i h p l q l w u l , s h q v d u f r p r q h j u l ( H r r n v , 2 0 1 9 d ) , O i h p l q l v p r s d d w g r r p x q g r : s r o v l f d v

*duhedvagr udv* (Hr r nv, 2018) h *Thr udihp lqlwð: gdp dij hp dr fhqvr* (Hr r nv, 2019g), hæghvhqyr qhx hqvdlr v hvs hf ilfr v vr euh r v kr p hqv qhj ur v, dp s ddqgr vhx fr qylv s dud t xh hwnv (uh) s hqvhp vxdv p dvfxdqlgdghv fr p r dp r ufr p r ixqgdp hqv.

O lqvnhwh gd dxw ud hp gldø j du h hvf uhyugluj lqgr -vh dr v kr p hqv qhj ur v ir l s ur ixqgdp hqvnh lqioxhqlf dgr s r uilj xudv gh j udqgh lp s r uwqfld hp vxd ylgd. Shx s dl ir l xp kr p hp qhj ur t xh hqiuhqwx fr qvlghu yhlvs uhw hv vr fldlv s dud ghvhp s hqkdur s ds hos dvlduf dogh s ur yhgr uhr s uhw ur t xh r fr qgx "lx d qhj dij hqfldudv qxdqf hv dihvlydv gh vxd idp dd. Pr ur xwr ægr, vhx dy, ghvf uwr fr p r dij x p gh hvs uwr fdø r, s ur s r ilfr qrx-dk h r dp r u lqfr qglfr qdo qhfhw ur, didvæqgr -vh gd fr qfhs r khj hp qlfd gh p dvfxdqlgdgh. J vhx lup r, ghvgh r v s up hlur v dqr v, ir l lqwæ gr s hør v lghdlv gr s dvlduf dgr d uhs up lud h] s uhw r gh vhxvvhqvp hqv v h hp r hv, uhvædgr hp vr iup hqv.

Nhwh fr qvnh] w, gh dfr ugr fr p d s hws hf vlyd gh Bhø Hr r nv (2021d), d fr qfhs r gh p dvfxdqlgdgh khj hp qlfd, dfr p s dqkdgd s r uwgdv dvir up dv gh gr p lqd r t xh d s hup hldp, hww lqvqvfhf dp hqvnh dij dgd hwxvæud gd vr flhgdgh khvnr -s dvlduf dfr ø qldo A dxw ud dij xp hqv t xh d s ur gx r ghwd qr r gh p dvfxdqlgdgh s duvh lqvnh udqvnh gd hwxvæud ghwd vr flhgdgh h gr s ur rhw gh s r ghuf r ø qldo Awlp, hp vxd der ugdj hp ihp lqlwð qhj ud, d glvfxw r vr euh dv p dvfxdqlgdghv, hvs hf lqø hqvnh qr t xh v h uihuh v p dvfxdqlgdghv qhj udv, q r s r gh vhu glwr fldgd gd glvfxw r df huf d gd hwxvæud vr fldot xh j hud hwd fr qfhs r khj hp qlfd gr t xh v l j qlilf dvhukr p hp, s r lv hwd qr r q r hww ghvfr ægd gd vr flhgdgh t xh d s ur gx".

Pdud dxw ud (Hr r nv, 2018), qhwn fr qvnh] w, t xdggr v h wæd gr ghedvnh df huf d gdv p dvfxdqlgdghv, hwn q r ghyh vhu fr qfhelgr h s hqvdr h] fævlydp hqvnh qr p elw lqglylgxdø p dv vlp vðpe p vre d s hws hf vlyd gh xp d fr dvlylgdgh, s r lv, hp xp d vr flhgdgh t xh hqvnhæ d glyhur v p dufdgr uhv, r kr p hp eudqfr gh hwn s r ovf d h hfr q p lfd fr ø fdgr qr wsr gd s lu p lgh vr fldoh qr v fhqvr v gh s r ghu Dhwd ir up d, d der ugdj hp gh Bhø Hr r nv vr euh t xhww hv uæf l r qdgdv v p dvfxdqlgdghv, s uhvqhnh hp dij xp dv gh vxdv reudv, hqfr qwæ ixqgdp hqv r hp vxd dq dvh vr fldo Eæ ghiahgh d s hws hf vlyd gh t xh xp d wæqvir up d r vr fldoyhugdghludp hqvnh v l j qlilf dvlyd v r fr uhu t xdggr kr p hqv h p xdkuhv s duvf ls duhp dvlydp hqvnh ghvnh s ur fhwr gh p xgdq d, t xh q r s r gh v h uhwæq lu hvihud lqglylgxdoh gh l] dugh ægr r p elw vr fldo

Nhwh vhaqlgr, vxd s r vl r fr qylgdur v kr p hqv, vr euhægr r v kr p hqv qhj ur v, s dud r gl ø j r, d fr qyhudv vr euh p dvfxdqlgdghv t xh q r vhrp ixqgdp hqvægdv hp vlvnhp dv gh r s uhw r. Pdud dxw ud, d ævæ s r uwæqvir up d r vr fldoq r s r gh ilf duh wævæ ds hqdv v p xdkuhv, h dij xp hqvæ dlqgd t xh, v h r s dvlduf dgr fr qihuh dr v kr p hqv eudqfr v xp d vx s r wæ qr r gh vx s hul ug dgh, lp s hudvlyr t xh hwnv v h qyr gdp qd ghvhwævæud r ghwd klhudt xld vr fldo Ep vxd ylv r, d yhugdghlud p xgdq d v v h fr qf uhw' du t xdggr r v kr p hqv v h xqluhp v p xdkuhv qd uhfr qilj xud r gdv hwxvæud vr fldlv, ghvdiæqgr dwlp dv edvhv gr s dvlduf dgr t xh v h duvf xæf r p r xwr vlvnhp dv r s uhvlyr v fr p r r udf lvp r h r v h] lvp r.

Nhwh fr qvnh] w, s r u p hlr gh vxdv reudv, Bhø Hr r nv qr v fr qylgd d uihvnu h gldø j du vr euh d h] s hul qfld gr v kr p hqv, vr euhægr gr v kr p hqv qhj ur v. Sxdv uihd] hv qr v fr qylgd p d s hqvduqr v hihlv v gd vr flhgdgh k vnr -s dvlduf dfr ø qlдохp vxdv xerhvlylgdghv, ds r qvæqgr -qr v s r wældogdghv gh h] lwwqfld s dud do p gd p dvfxdqlgdgh khj hp qlfd. Nhwd gluh r, d dxw ud s ur s h hqwr xp qryr r ædu vr euh dv p dvfxdqlgdghv qhj udv, s dud q r dv yhu ds hqdv fr p r r s uhw udv, s dud q r j hqhudd' du vxdv yly qfldv,

qr p hdqgr -dv fr p r lj xdlv, s r l v r v p dufdgr uhv gh ud d h fæwh, s r uh| hp s æ, dv glihuqfldp qr df hwr dr v s dylo j l r v s u r p hlg r v s h æ s d v d u f d g r . Shx fr qylvñ, hqwr, s d u d t x h r v k r p h q v q h j u r v g h v d s u h q g d p r s d v d u f d g r h r v h| l v p r h d s u h q g d p q r y d v i r u p d v g h v h u h d j l u i x q g d p h q v l g d v q r d p r u h q r q d g r p l q d r .

### Qu³ "Á-À³ yíÄxÄ² "wÀ

Pdud d hvf ulv ghvñ vñ| w, ir u d p d q d d v d g d v d v v h j x l q v ñ v r e u d v g h B h æ H r r n v : *A j h q v ñ g d k r u d : H r p h q v q h j u r v h p d v f x d q l g d g h* (2022) h *E o g h v h r g h f d p e l d u H r p e u h v , p d v f x d q l g d g ' d p r u* (2021d), d y u r v h p t x h d d x w u d v u d v l q v ñ j u d q h q v ñ v r e u h p d v f x d q l g d g h v h p d v f x d q l g d g h v q h j u d v . A o p g l w r , i r u d p d q d d v d g r v h q v d l r v h v s h f i l f r v s u h v h q v ñ v q d v r e u d v : *O d k d u h v q h j u r v : u d d h u s u h v h q v l r* (2019f), *A q v h l r v : u d d j q h u r h s r o u f d v f x æ u d l v* (2019e), *E j x h u d y r " : s h q v d u f r p r i h p l q l w l , s h q v d u f r p r q h j u d* (2019d), *O i h p l q l v p r s d u d w g r r p x q g r : s r o u f d v d u h e d v d g r u d v* (2018) h *T h r u d i h p l q l w l : g d p d j h p d r f h q v r* (2019g).

Uvld" d q g r , s r u d q w , d d q d v h g h w d v r e u d v f r p r h w u d w j l d p h w g r o j l f d , e x v t x h l d s u h v h q v d u d v f r q v l e x l h v t x h H r r n v r i h u f h s d u d u s h q v d u p r v d v p d v f x d q l g d g h v q h j u d v , u s r v l f l r q d q g r r v g l v f x w r v h p w u q r g d v l p d j h q v h u s u h v h q v l h v g h k r p h q v q h j u r v q d v r f l h g d g h . O v ñ| w h w g l y l g l g r h p w a v s d u h v : q d s u l p h l u d , d s u h v h q w r s d v d u f d g r h f r p r h w h v l w h p d r s u h w l y r d i h w l r v k r p h q v q h j u r v . N r v h j x q g r p r p h q w , g l v f x w r d p r u f r p r x p d s u v l f d , r i h u f h q g r - r f r p r s r w l e d g d g h s d u d t x h k r p h q v q h j u r v u s h q v h p p r g r v g h v h u h d j l u t x h v h r s r q k d p d r s d v d u f d g r h g r p l q d r . F l a d q h q v ñ , q r v h u f h l u r p r p h q w , s u r e d p d w ' r d l p d j h p g r k r p h p q h j u r d v r f l d g d d o d s h u r u p d q f h v h| x d o

A f r q w æ r g h w h v v a p r p h q w v i r l u d d " d g d d s r w h u r u l , d s d u l u g d d q d v h g d v r e u d v g h B h æ H r r n v . D x u d q v ñ d d h l x u d h l q v ñ u s u h v l r g r v v ñ| w v g d d x w u d , u d d " d g d h q v ñ 2022 h 2023, l g h q v l i t x h l w a v v h p d v f h q v d l v t x h v h g h w l f d u d p q d g l v f x w r v r e u h p d v f x d q l g d g h v q h j u d v . O s u l p h l u r v h p d d l q i æ q f l d g r s d v d u f d g r q d y l g d g r v k r p h q v q h j u r v , x p d v s h f w u h f r u h q v ñ q d v u i d h| h v g h H r r n v v r e u h f r p r d v h w æ u d v g h s r g h u k h v h u r - s d v d u f d e f r æ q l d o d i h w l p d v p d v f x d q l g d g h v h v x d v v æ r h v l y l g d g h v . O v h j x q g r v h p d v x j l x d r r e v h y d u d s u r s r w l g h H r r n v v r e u h r d p r u f r p r x p d s r w l e d g d g h s d u d u s h q v d u h w d v p d v f x d q l g d g h v q h j u d v , r i h u f h q g r x p d y l v r p d l v f x l g d g r v d h f r p s d w l y d t x h f r q w u d d r s d v d u f d g r . P r u i l p , d s u r e d p d w ' d r g d l p d j h p g r k r p h p q h j u r d v r f l d g d d o d s h u r u p d q f h v h| x d o i l l g h q v l i f d g d f r p r x p h d p h q w l p s r u d q v ñ q d v g l v f x w h v r e u h u d d h u s u h v h q v l r q d v r e u d v g d d x w u d .

### VÄ³ yÁÊÁy"ÉÁÊyÀÁuíÉúÉuæÀHÓ³ u yÁzyÉ³ "xuxy ÉÁwú²

Ndv s d æ y u d v g h B h æ H r r n v (2021d, s. 33), "h o s d v d u f d g r h v æ h q i h u p l g d g v r f l d o p v p r u u i h u d t x h d v l f d h o f x h u r ' æ l p h q v ñ g h æ v k r p e u h v " . D h v g h v ñ q u d l g d g h , d d x w u d i r l v h w h p x q k d g r v l p s d f w v s u r i x q g r v g h w d g l q p l f d h p v x d s u s u d f d v d . Shx s d l , x p k r p h p q h j u r l q i æ h q f l d g r s h æ v q r u p d v s d v d u f d l v t x h v x v h q v l p d l g h l d g d v x s h u r u d g d g h p d v f x d q d , h q v l q r x - d k t x h d v p x d k h u v q r g h y h u d p v h d y h q w u d u d g h v d i l d u r v s d s l v g h j q h u r w d g l f l r q d q h q v ñ d v l e x g r v d h æ v .

Nhwd s h u s h f w l y d , H r r n v (2022) q r v f r q v l t x h v h x s d l d s u h w l r q d y d s d u d v h f r q i r u p d u f r p d v h| s h f v æ l y d v s u h w l e h d h f l g d v d h æ l h d r v h x f r u s r h q t x d q w p x d k h u q h j u d . A r p h v p r v h p s r h p t x h d e u d d y d h w d s r w æ u d g r p l q d g r u d , r s d l g d d x w u d v h g l w æ q f l d y d g h v x d i d p d d , q h j d j h q f l d q g r r v d i h w v h



q r fr qvñj xlggr hwdhñfhu xp d fr qh| r vñj qlilfdvlyd fr p hæl h vñxv lup r v, fr qf hqwdqgr-vñ s ulqf ls dñp hqñ h p s ur yhur vxwñqwr gr ælu

Ar fr qvñ ur gðvp xðkñhv qhñj ðv è t xh, vñj xqgr r s hqvd p hqwr p df klwæl, ðf hehp s hup lw r s dñd vñv hqvl p hqvd lv h, s r wælqwr, f ds d" hv gh s hup dñhf hu hp fr qvñv fr p r v s u s ðr v vñqvl p hqwr v qd lqi qf ld, p hvp r t x d qgr vr p r v dexvdgdv r x hqvlqdgdv d p dvf du -s v s dñd s dñf hup r v Ór wñv è , h| l j h-vñ gr v kr p hqv qhñj ur v, s r u p hlr gh ðv x dlv gh p dvf x d q l g d g h s d v l d f d o t x h ð q x q f l h p f ds df l g d g h g h v h q v l u (Hr r nv, 2022, s. 213).

Dhqrwr gr fr qvñ| w gr vñvñp d s d v l d f d o B h æ H r r n v r e v h y d t x h h | l w h p s d s l v g h j q h u r s u h g h i l q l g r v t x h l q i x h q f l d p d q h l u d f r p r , g h v g h d l q i q f l d , p h q l q r v h p h q l q d v r h q v l q d g r v h f u l d g r v . A v p h q l q d v r i u h t x h q v h p h q v h l q f h q v l y d g d v d e u q f d u f r p e r q h f d v h s d q h æ d v g h e u q t x h g r , s u r p r y h q g r d l g h l d g h g h d f d g h " d h f x l g d g r f r p r y d æ u h v d v h u p v h j x l g r v . P r u r x w r æ l g r , r v p h q l q r v v r h q f r u d r d g r v d g h p r q w u d i r u d , s r g h u h k d e l d g d g h h p d v l y l g d g h v f r p r e u q f d u f r p f d u l q k r v , f d y d æ v h e r æ l g h i x v h e r o v h q g r i u h t x h q v h p h q v h h q v l q d g r v d u s ð l u v x d v h p r h v , s r l v , q r f d v r g h d v , f k r u d u l q d f h l w y h o N d v s d æ y u d v g h A q w q l d C d p l æ l g h O d y h l u d N d v f l p h q w :

Eqt x d q w d f u l d q d v h d s u r s u d h x v d r v e u q t x h g r v g l v r q l e l d " d g r v h u i h u h q g d g r v s h æ v d g x æ v , h æ l h w w d f l r q d q g r y d æ u h v r f l d p h q v h g h i l q l g r v f r p r r t x h p d v f x d q r h i h p l q l q r , d r p h v p r v h p s r h p t x h g u d p d w " d d v s u s u d v l y q f l d v g h j q h u r , r x v h r d , l q w r r h v d i d f h v l v g h x p d f x æ u d [ s d v l d f d o t x h v h s d u d k r p h q v h p x d k h u v , d v l e x l q g r - d k h y d æ u h v r f l d v g r p l q d q v h v (N d v f l p h q w , 2016, s. 297).

Ar u h f r u g d u v x d l q i q f l d f r p v h x l u p r , B h æ H r r n v (2021 d, s. 34) u h æ l d : Ó x d q g r p l k h u p d q r p d ' r u ' ' r q d f l p r v f r q x q d r g h g l i h u h q f l d , h o s d v l d f d g r g h v h u p l q f r p r q r v u d v l u d q q x h w r v s d g u h v i . N h w h v h q v l g r , p h q l q r v q h j u r v , d w l p f r p r r l u p r g d d x w u d , g h v g h f h g r v r h q v l q d g r v d g h p r q w u d u v h x y d æ u d v d y v g h d v l x g h v h d v l y l g d g h v , p x l v d y h " h v y l r d h q v d v . A f x æ u d s d v l d f d o r v l q w x l d v h u p v h u y l g r v h d d v x p l h p r s d s h o g h s u r y h g r u h v . C r p r d s r q w l p d v d x w u d v J x d d B d h u æ f k h u C d y d d k r h M q l f d C u l w l q d M h æ (2005, s. 2), Ó s r w y h o f r q v l g h u d u d i d p d d f r p r x p f r q v h | w s u y l d j l d g r g h u s u r g x r l g h r o j l f d h g h d s u h q g l " d g r v r f l d o T u d g l f l r q d p h q v h , k x p d f x æ u d [ s d v l d f d o t x h h | l j h t x h d h g x f d r g h p h q l q r v h p h q l q d v v h r d g l i h u h q v h i .

B h æ H r r n v d d h q v l t x h , Ó d u d d g r f v l q d u d æ v q l r v h q æ l v h j æ l v g h o s d v l d f d g r , d v r e d j d p r v d v h q v l u g r æ u ' q h j d u v x v h q v l p l h q w v i (2021 d, s. 37). N h w h v h q v l g r , d d x w u d h q i d w " d f r p r d v h j u d v g r s d v l d f d g r v r l q f x v l g d v q r v p h q l q r v q h j u r v , i r u d q g r - r v d u s ð l u v x d v h p r h v h v x s r u d u d g r u H r r n v v h v h p x q k r x h w h s u r f h w r q d y l g d g h v h x l u p r , t x h i r l h q v l q d g r g h v g h f h g r t x h d q l f d h p r r d f h l w y h o s d u d x p k r p h p h u d d u l y d . O s d l g d d x w u d , d s h v d u g h v æ p e p h w æ l u x r h l w v h | s h f v æ l y d v g r s d v l d f d g r , s u r r h w x v r e u h v h i l d k r d v h | l j q f l d v g h v h u x p k r p h p q h j u r g r p l q d q v h h y l d o

C r q i r u p h H r r n v (2019 f) r e v h y d , h p e r u d r s d v l d f d g r i d y r u h d h f r q f h g d s u y l o j l r v d r v k r p h q v e u d q f r v , h æ l g h w æ f d t x h r v k r p h q v q h j u r v æ p e p v r i u h t x h q v h p h q v h s u h v l r q d g r v d d g h l u d x p p r g h æ g h p d v f x d q l g d g h k h j h p q l f d k v h u r - s d v l d f d o f r æ q l d o t x h h q i d w " d d i r u d , r g r p q l r h d f h u q d h p x p d v x s r w æ l v x s h u l u g d g h . E w h i h q p h q r v h d j u d y d s h æ l q v h u h f r g r p d u f d g r u u d f l d o p x l v d y h " h v h q w h æ l d g r f r p d v g l i h u q d v g h f æ l w h v r f l d o N d y l v r g d d x w u d , r v k r p h q v q h j u r v s r g h p v h q v l u v h f r p s h d g r v d f r q i r u p d u v h d h w h v s d g u h v s d v l d f d l v f r p r x p d i r u p d g h f r q t x l w æ l u h v s h l w h d f h l w l r v r f l d o

Nr hqvðqwr, Hr r nv (2019f) vðp e p uhvðvð t xh, ghy lgr vð fr qgl r gh kr p hqv qhj ur v, r s dvðdfr dgr rðp dlv fr qf hghu s dñqr v s dylo j lr v d hwdv shvr dv, s r lv r p dfr dgr u dfr ldof uld xp d glw lq r v l j qlilfdvlyd hqvñ kr p hqv eudqfr v h qhj ur v, uhvðvðgr hp xp d p dvfx dqlgdgh t xh fr qvðvðp hqvñ qhj dgd hp vð s dñqlw gh.

[...’ r kr p hp s reu r x gdfælvh vðedðdgr u d t xh i r l v r fldeld“dgr s hæl lghr ø j ld vñ l vð d df uhglvðu t xh k s dylo j lr vhs r ghvht xh hñ ghyhs r vx luxqlf dp hqvñ s r uvhukr p hp ghvfr euh, p xlvðvyh“hv, t xh s r xfr v r x qh qxqv ghvñv ehqhi fl r v ðk v r dvðex gr v dxw p dvfr dp hqvñ qd vð yl gd (Hr r nv, 2019f, s.58).

Ep xp d vr flhgðgh s dvðdfr dð vx s ðhp df l vð eudqf d, f d s l vðvð h lp s huddvð, r kr p hp qhj ur vhu vhp s uh yl w fr p r "qhj ur", fduhj dgr w gr v r v hqv lgr v h v l j qlilf dgr v dvr fldgr v d hwd lghqv lgdgh. Nhvñ fr qvñ w, ds hvdu gh vhu kr p hp, r p dfr dgr u dfr ldodvðy hwd r fr ð r gr kr p hp qhj ur, r s ðp lqgr -r h dð l vðqgr vñx df hv r dr v hvs d r v gh s r ghuh dvf hqv r vr fldo Ndv s dðy ðv gh Fudqv Fdqr q (2022, s. 15): Ó qhj ur xp kr p hp qhj ur. ð Ewd d ilup d r gr s hqvðgr up dvlqlf dgr ghqxqlf dvr fr qvðgl hv t xh s hup hldp d yl gd h r fr ð r gr kr p hp qhj ur, s r lv, hp xp d vr flhgðgh h w v x vðgd s hø fr ø qlðv p r, d lghld gh "kxp dqlgdgh" h gh "kr p hp" vhp s uh dvr fldgd dr vx rñlv eudqfr.

Nhvñ fdp lqkr, Hr r nv hqidw“d d dvp dglðd t xh s d d r v kr p hqv qhj ur v df uhglvðhp t xh s r gh p vxvxlus dñqdp hqvñ gr v s dylo j lr v gr s dvðdfr dgr, s r lv r dfr lvp r h r s dvðdfr dgr v r gr lvðgr v gd p hvp d p r hgd.

A p dlr ðdgr vkr p hqv qhj ur vñ ds hj d d h w vðw j ldv gh v r euhly qf ld r evr dñvð, fr p r r s hqvðp hqv s dvðdfr dð s r ut xh vñp hp t xh, vñ d d qgr qdhp r s r xfr Ó r ghú t xh vðy h“ vñqkdp qr vlvñp d h l vñqvñ, q r vñu r qdgd [...’ Tudj lf dp hqvñ, r s hqvðp hqv s dvðdfr dð t xh r kr p hp qhj ur dgr vð d o j lf d t xh r p dqvñu p hqvðp hqvñ hvf ðyl“dgr h p hqvðp hqvñ gr hqvñ (Hr r nv, 2022, s. 213).

Nhvñ vñqv lgr, r fr qylvñ gh Bhø Hr r nv s d d t xh kr p hqv qhj ur v vñ xqdp v p xðk h v h qhj ðv h ds ðqgd p fr p hæl qd ævð s r ughlvñ vñ n w v dvr fldo ðfr qk h f hqgr t xh d y hgdgh l d hp d qf l s d r v s r gh vñu dð d q dgd t x d qgr vñ ghvðild h vx s h d v l p x vðq h d p hqvñ h w d v ir up dv gh r s uhv r lqvñfr qhfvðgdv vr fldp hqvñ. Ndv s dðy ðv gh Axgu h Lr ugh:

s uhflv r ghv s h w d fr qv l qf ldgr kr p hp qhj ur s d d fr p s uhqv r gh t xh r p df klvp r h r glr fr qvð p xðk h v r d vðp hqvñ lqhilf l hqvñv s d d vð d e hgdgh fr p r kr p hp qhj ur, s r ut xh hp h j hp gd p hvp dfr qvñvð r t xh g r ð j hp dr dfr lvp r h kr p r ir eld (Lr ugh, 2019 s.80).

Nhvñ fdp lqkr, Bhø Hr r nv (2021d) hqidw“d gh p dqlh d f dñj ðf d r fr qylvñ gluj lgr dr v kr p hqv qhj ur v s d d s hqvðhp r x w d v ir up dv gh p dvfx dqlgdgh t xh q r h wñrðp hqul“dgdv qr vlvñp d s dvðdfr dð qd gr p lqd r. Ndv s dðy ðv gh dxw ðd (2022, s.214) Ó kr p hqv qhj ur v s r gh p vñ h qj d r d h ds ðqghu fr p h w vðw j ldv gh dxw uhf x s h d r gh p xðk h v h qhj ðv vðx g y hlv t xh dp dp d v l p hvp dñ.

Eqt x d qw kr xyhukr p hqv qhj ur v glv s r w v d vñ ehqhilf l dhp ghvñ vlvñp d r s uhvlyr [s dvðdfr dgr’, r vr ðp hqwr, d r s uhv r h xp dv ðh gh l q n w v d v s h w l w l u r. Nr hqvðqwr, ixqgd p hqvðot xh r kr p hp qhj ur q r s huf d gh yl w t xh q r k s dvðdfr dgr vhp ðfr lvp r, s r lv h wñv vlvñp dv gh r s uhv r vñ uhv r dðp hqvðp. Aøghlugh Oðyhlud Bduhv gl“ t xh:

Phqvdu p dvfx dqlgdghv qhj ðv qr fr vlgldqr vñp vñ ds uhvqvðgr fr p r dð r ghvðildgr u Bxvfd-vñ fr p s uhqghu dv ðvð hv klw ðf dv t xh p r øgd p r lp d j lq ðr fr dñvlyr v r euh r t xh v l j qlilf d vhu kr p hp h vñu xp kr p hp qhj ur hp xp d vr flhgðgh fr ø qlðh s dvðdfr dð t xh w l r qdu d w gr r p r p hqwr t x dlv ð s r v gh kr p hqv qhj ur vt xh ðp r v vñu h fr p r s r gh p r v fr qvñv l d vñv d v s d d

s hqvduh s ur s r uqr ydv lghqvlgdghv p dvfxdqdv qhj uðv t x h v h r s r qkdp dr v hwnh vls r v vhl lwlv h uðf lwlv (Bduhvr, 2022, s. 184)

Nhvð glth r, Hr r nv ds r qvð r s hulj r gr ghvhrn gr v kr p hqv qhj ur v hp xvxixlgr v glylghqgr v gr s dvlduf dgr. Ar lqy v glwr, hæl ds r qvð (2022, s. 222) t x h r v kr p hqv qhj ur v Qghyhp vr qkdu fr p xp d p dvfxdqldgh t x h kxp dql" d [...]' ghyhp r xvdv h v udukr p hqv t x h ghvhrðp v hughli h qv h v. O s dvlduf dgr xp d hqihup lgdgh vr fldo Nr f dvr gr v kr p hqv qhj ur v, d lqvhuwhf r hqwh j qhur h uð d r v uhvðvð, ghqvr ghvð o j l f d r s r qldo fr p r s hulj r vr v h ylr ðhqv, ds ðv r qdgr -r v hp vhxv s u s ðr v fr us r v h qhj dgr -ðhv, qhvð o j l f d, d s r wleldgdgh gh h| s uhvduð h w. Cr p r s r wleldgdgh gh f x uð, BhøHr r nv (2022, s. 222) ds r qvð t x h Qlv s r uðv gd d p d r uðp i h f k d g d v s d uð p x l w v k r p h q v q h j u r v. E t x d q g r h d v g h w u d q f d p h w d v s r u d v h h q f r q w d p d f r uðj h p g h h q w u d t x h v h u g h v f r e u h p i.

Eað dj xp hqvð t x h d f x uð s d uð h w d f r q g l r h w h p g h v f r e d u q r y d v i r u p d v g h v h u h d j l y s d x w d g d v q r u h v h l w h q r f x l g d g r, h q r q d r s u h w r à r x v h r d, r d p r u h q t x d q w x p d s u v l f d. Nr hqvð q w, Hr r nv uhvðvð t x h h w d w d q v i r u p d r v s r g h v h u d f d q d g d, v r e u h v x g r, f r p x p d p x g d q d h w v x v u d o q d v r f l h g d g h, s r l v q r s r w y h o i d u h p p x g d q d v h p x p d d q d v h f u v l f d g d h w v x u d v r f l d o t x h s h u s h w d w g d h t x d d x h u i r u p d g h r s u h w r.

### VÄ³ yÄÊÁy"ÊÄÊy Àu³ ÄÊ-ÖÛÄxÄÊy"ÓÄxÄ Ö³ u Í"wu³ ÄÊÄÊu

Ep vr flhgdghv h w v x u d g d v s h o uðf l p r h s h o s dvlduf dgr h t x h d u l f x a d p g l y h u r v v l w h p d v g h r s u h w r, r v k r p h q v q h j u r v h q i h q v d p d g x u d u d d g d g h g h v h u p i u h t x h q v h p h q v h d v r f l d g r v d r s h u l j r h y l r o q f l d. P r u p x l w v h p s r, d v l p d j h q v h u s u h v h q v d h v r e u h k r p h q v q h j u r v r v y l q f x a d p e u x v d d g d g h, d j u h v y l g d g h h d l g h l d g h v h u p f r q v l g h u d g r v h w x s u d g r u h v h p s r v h q f l d o M l o v q R l e h l u r h v f u y h t x h

Av p dvfxdqldghv qhj uðv, s r u d q w, h q f r q w d p v x d v e d v h p x p d f r p s d h d u h w r d o p h q v d r g d v l p d j h q v q h j d v y d v r e u h d d s d u q f l d, r f r u s r h d f r u g d s h d, g r v l g h d l v g h k l s h u p d v f x d q l d g h, i r u d h s r g h u h g d v f u h q d v g r d s h v h v h l x d o h l f h w l y r, g d j h q l w d d j u d q g h h g d d v y l g d g h v h l x d o f r p r s h q h w d g r u (Rlehlur, 2019, s. 129)

Ewðv Êp dj hqv gh fr qvr ðÊ fr qf hlw ghv h qyr oylgr s r u P d u f l d H l o C r o q v (2019), i x q f l r q d p f r p r i h u d p h q v d s d u s h u s h w d u d r s u h w r h p d q v h u r v d l x v t x r g d e u d q t x l w g h, t x h k l w u f d p h q v h p d q l s x o x d v l p d j h q v h u s u h v h q v d r d f h u f d g d q h j u w g h.

Cr qv x g r, BhøHr r nv (2022) ghvð f d t x h, g x u d q v h r s h u r g r g h f r o q l " d r h r w a i l f r g h s h w r d v h v f u d y l " d g d v, q r h u d p r v k r p h q v q h j u r v r v s h u s h w d g r u h v g d y l r o q f l d, p d v v l p r v k r p h q v e u d q f r v f r o q l " d g r u h v. E w h v, x v l d " d q g r v x d i r u d, s r g h u h s u l y o j l r v, v x e n j d y d p y l r d h q v d p h q v h d v s h v r d v q h j u d v, f r p r r e h v l y r g h w d q v i r u p - a d v h p p r g h r e u d e d u d v s d u d v x w h q v d u x p v l w h p d h f r q p l f r e d v h d g r q d h l s o u d r.

Ov kr p h q v e u d q f r v f r o q l " d g r u h v l p s x v h u d p d r v k r p h q v q h j u r v d v l e x w v h f d u d f v h u w l f d v t x h q r d h v s h u h q f l d p. BhøHr r nv (2022) d i l u p d t x h d g l p h q v r d i h v y d g h v x d v y l g d v v h p s u h i r l g h v f r q v l g h u d g d, s r l v d l q v h u h f r h q w h u d d h j q h u r i d " f r p t x h v x d v h l s h u l q f l d v h h l l w q f l d v h r d p u g x " l g d v d r f r u s r i v l f r. Q x d q g r F u d q v F d q r q (2022) d i l u p r x t x h Ê q h j u r x p k r p h p q h j u r Ê h d v h u h i d x s u h f l v d p h q v h d h w h d s u l r q d p h q w g r k r p h p q h j u r h p v h x s u s u l f r u s r, u h v x o d g r g h v x d f r q g l r u d f l d o t x h f r q w d q v h p h q v h f r o f d g d f r p r f h q w d o h d p l v d g r u d.

Hr r nv (2022) r evhu r x t x h p x l w v k r p h q v q h j u r v l q v h u q d d " d u d p d l g h q v l g d g h p d v f x d q d s d w l d f d q e d v h d g d q d l g h l d g h g r p l q d r , s r l v h w d i r l d u h u q f l d t x h u f h e h u d p d r s l v d u h p q r f r q v l q h q v h d p h u f d q r . D h v g h f h g r , h d v d s u q g h u d p t x h d y l r o q f l d h u d r p h l r g h d w h j x u d u x w u g d g h h f r q t x l w d u h v s h l w . A d x w u d (2022, s. 46) g h w d f d l q g d t x h " k r p h q v q h j u r v h v f u d y l " d g r v i r u d p v r f l d d " d g r v s r u s h w r d v e u d q f d v s d u d f u h g l v d u t x h , d r e x v f d u d d e h u g d g h , g h y h u d p v h h v i r u d u s d u d v h w u d d u s d w l d f d v , d i l p g h s u r y h u h s u r v h j h u d v p x d k h u v q h j u d v ; s d u d v h u p s d w l d f d v e h q h y r d i q v h v . i

C r q v x g r , d r d g r v d u h p h w d s r v x u d , d g l p h q v r d i h v l y d g h v x d v y l g d v f d g d y h " p d l v q h j d j h q f l d g d , p h g l g d t x h d r k r p h p q h j u r q r s h u p l v g r h j s u h v d u r x h q w d u h p f r q v d v f r p v x d v h p r h v . N h w d g l u h r , A d l q R l e h l u r h v f u y h t x h

A e u x v d d " d r f r q g x " k r p h q v q h j u r v v h f r p s r u d u g h p r g r e u q f r h l q f x o w h q r v d y d d v x e v f u y h u h w d f r q g x v d g h p d q h l u d w r v x e - u s v f l d h h i l f l h q v h , g x u d q v h v d q v r v h p s r , t x h l w r s r g h q r v d y d d s h q v d u t x h s u f l v d p r v v h u x p d s h w r d e u x v d h v x f x d i q v d , p h v p r t x h d s h q d v h p v l w d r g h f r q i d v r , s d u d v h u p r v u h v s h l v d g r v . P h q v d p r v t x h r v h p r u t x h f d x v d p r v q d v s h w r d v u h v s h l w ( R l e h l u r , 2019, s.103)

B h o H r r n v u h f r q k h f h t x h , d r o q j r g d k l w u d , k r x y h k r p h q v q h j u r v , f r p r M d u l q L x v k h u K l a j h v h x s u s u r d y , t x h v h u f x v d u d p d d g r v d u r v s d g u h v s d w l d f d l v . E d v f r p s u h h q g h u d p t x h r s d w l d f d g r v d p e p d d p h q v d r x w r v v l w h p d v g h r s u h w r f r p r r u d f l v p r , h h w h o l p r r v p d j l q d d " d y d h q t x d q w s h w r d v . E w h v k r p h q v u r p s h u d p f r p d l g h l d g h g r p l q d r l q f x d d g d h p v x d v x e r h v l y d g d g h v h d s u q g h u d p t x h w g d h t x d d x h u i r u p d g h y l r o q f l d g h y h v h u f r p e d v l g d , r s v d q g r s r u f d p l q k r v g h n o w d v r f l d o h l j x d o g d g h e d v h d g r v q r u h v s h l w h q d q r y l r o q f l d . S h j x l q g r q h w d g l u h r , A d l q R l e h l u r d s r q v d t x h

D h y h p r v h q v h q g h u t x h l w r i r l f r o f d g r g h q w r g h q v , q r q d v f h x f r q r v f r . A y l u d g d g h s r g h d w q r v g h i h q g h u g d t x l o t x h n o g d p r v f r p r d e x v r v h g h v h v s h l w v , s r g h d w i d " h u f r p t x h d j h q v h s h q v h t x h h w v h s u h v y d q g r , i d " h q g r f r p t x h q r v g h d i l v h p r v v r e u q r v d v x s r w d f d s d f l g d g h g h s u r y r f d u s u d " h u v h j x d o p d v h o d s r g h v h l v o l y d i d v d u d t x h d v t x h t x h u p i r u d d f h u y r f h v h d s r l d u f r p r x p v x r h l w t x h v h p p h q v d g d g h v h f r u s r u d o g d g h v , q r d s h q d v f d e h d h f r u s r . S h y r f y l w r f r p r x p v x r h l w e u x v d d " d g r , y l w r f r p r x p v x r h l w v x f x d i q v r , y l w r f r p r x p v x r h l w y l u o g x u d q v h p x l w v h p s r , f r p h d u d d f u h g l v d u t x h q r s u f l v d g h r x w d v O r u d i s d u d v h u x p v x r h l w ( R l e h l u r , 2019, s.103)

T d q w k r p h q v e u d q f r v t x d q w q h j u r v , v h j x q g r B h o H r r n v , s u f l v d p h q f r q w d u q r y d v i r u p d v g h v h u h d j l u h t x h v h q k d p r d p r u f r p r i x q g d p h q w g h v x d v y l g d v , f r p r x p d s u v l f d g h d e h u g d g h . S h r v v l w h p d v r s u h v i y r v h v x d v l p d j h q v g h f r q w r d r i h u f h p d r v k r p h q v q h j u r v d y l r o q f l d e h , f r q v h t x h q v h p h q v h , d p r u h s u h p d w u d e f r p r q l f d s r w l e d o g d g h g h y l g d h u s u h v h q v d r , H r r n v u r p s h f r p h w d l g h l d d r d s u h v h q v d u r d p r u h f r q v h t x h q v h p h q v h d y l g d , f r p r x p f d p l q k r s r w y h o v d p e p s d u d r v k r p h q v q h j u r v , t x h k l w r u d p h q v h i r u d p s u y d g r v g h w d g l p h q v r w r h w h q f l d o

L d p h q v d y h q p h q v h , d y h u g d g h g h i d v , t x h x p v o l e x t x d q g r y h u e d d " d g d , t x h h w d x p d f x o x u d t x h q r d p d r v k r p h q v q h j u r v ; h d v q r v r d p d g r v s r u k r p h q v e u d q f r v , q h p s r u p x d k h u h v e u d q f d v r x p x d k h u v q h j u d v , q h p s r u p h q l q d v h p h q l q r v . S r e u h v x g r , d p d l r u d g r v k r p h q v q h j u r v q r v h d p d . C r p r h d v s r g h u d p d p d u d v l p h v p r v h x q v d r v r x w r v , f r p r s r g h u d v h h v s h u d u t x h h d v d p d w h p f h u f d g r v g h v d q v d l q y h r d , g h v h m , g l r ? H r p h q v q h j u r v q d f x o x u d g r s d w l d f d g r v x s u h p d f l w d e u d q f r f d s l v d v d l p s h u d d v d l v r v h p l g r v , q r d p d g r v . O e y l d p h q v h , s d u h g d o l y d j h p f h u h e u d o t x h r f r u h h p x p d f x o x u d g h g r p l q d r d f r q i x v r h q w h v h p r u h d p r u ( H r r n v , 2022, s. 34-35).

Pdud BhøHr r nv (2021e), r dp ru q r ds hqdv xp v hqvlp hqvr; hdn , v reuhvgr, xp d d r s r ovlfd. Dhvøfdu r dp ru gr fdp sr gr v v hqvlp hqvr v s d d r g d v d h v l p s h d r v x r h l w t x h d i l u p d d p d u d u h v s r q v d e l d g d g h s r u v h x v d w v. N h w h v h q v l g r , v h g l j r t x h d p r , p d v p l q k d v d w x g h v u y h y h a p r f r q v a u r , l w r q r s r g h v h u f k d p d g r g h d p r u s r l v , H r r n v d f u h g l v t x h r d p r u d t x l a t x h r d p r u i d " : f x l g d g r , u h v s h l w h r x v d v g l p h q v h v s u v l f d v .

N h w d s h u s h f v l y d , s d u l q g r g h w d f r q f h s r g h d p r u v k r p h q v q h j u r v i r u d p k l w u l f d p h q v h s u l y d g r v g h w d h l s h u l q f l d . E p y h " g l w r , v h x v f r u s r v i r u d p v x e p h v l g r v d x p d s r o v l f d g h p r u h , r x q h f u r s r o v l f d , f r p r q r p h d g d s h a i l o v r i r f d p d u r q v A f k l a h M e h p e h ( 2 0 1 9 ) . D h q v r g h w d o j l f d q h f u r s r o v l f d , r v f r u s r v q h j u r v w u d p - v h r d g r s u l q f l s d o d v h u h a p l q d g r . Q x d q g r v h v d v d g h p r u h v g h f r u h q v h v g h d h v s r d f l d l v , r v k r p h q v q h j u r v v r d v s u l q f l s d l v y v l p d v . A h w h u h v s h l w , M l o v q R l e h l u r i d " d v h j x l q v h v f r q v a v d h v .

N r s u h f l v r g l v f r u h u a q j d p h q v h d t x l s d d f r q v a v d u t x h : d ) r v k r p h q v q h j u r v m y h q v v r d v p d l r u h v y v l p d v g d s r o v l f d h w a v d o t x h q r v h l v h u p l q d ; e ) r u l f l v p r h w a v u d o l p s h g h r v x f h w r r x d f r q t x l w d s u i l w l r q d o g h k r p h q v q h j u r v t x h g l i l f l a p h q v h l s h u l p h q v d p x p d v d w i d r s u r i l w l r q d o f ) d y l r o q f l d s r d f l d o d l q g d x p d g d v p d l r u h v h v s r q v y h l v s h a p r u h g h k r p h q v q h j u r v t x h h p f r q i d v r v h p v x d v y l g d v s h u g l g d v g l d u d p h q v h ( R l e h l u r , 2 0 1 9 , s . 1 2 6 )

O h v f u w u j h i h u r q T h q u r d e r u g d h w d u h d o g d g h g h i r u p d f u d h g r a u r v d h p v h x d y r O d y h w r g d s h a h ( 2 0 2 0 ) , q r t x d o x p k r p h p q h j u r , s u r i h w r u p r u w s h a s r o f l d d s v h u f f r q i x q g l g r E f r p x p a d g u r . O d x w u w d " s d d r m j r g d v s d a y u d v d i r u p d f r p r d y l r o q f l d h d p r u h d w d y h w d p r v f r u s r v g r v k r p h q v q h j u r v h g h x q f l d g h w d p d q h l u d t x l a t x h B h ø H r r n v m d i l u p d y d : r k r p h p q h j u r q r r f x s d r p h v p r a j d u t x h r k r p h p e u d q f r q d v r f l h g d g h , v r e u h v g r q d s u v l f d h q r d f h w r d r d p r u

A y l r o q f l d f r q v a d q h j u r v , v r e u h v g r d l q w l x f l r q d d " d g d , f r p r r f d v r g r v a d v p h q w y l r d h q v r s h u s h v a d g r s r u s r d f l d l v f r q v a d h w a s r s x a l r a d h l h p s a g r v f d v r v M d u h a h , E y d a g r h j d v k d a , g h p r q w a d t x h d v v x d v y l g d v v r f d g d y h " p d l v s d w y h l v g h h a p l q d r l p s x q h . P r g h - v h , q h w h v h q v l g r , g l d q v h g d p d j q l w g h g r i h q p h q r p r u h d v r f l d g r s r s x a l r q h j u d g r B u d l o d i l u p d u d h l l w q f l d g h x p d y h u g d g h l u d s r o v l f d g h h l v h u p q l r , r x x p d q h f u r s r o v l f d ( W h u p x v k , M d a p d q q & M h a r , 2 0 1 9 , s . 1 0 6 5 )

Pdud BhøHr r nv, r dp ru xp h d h p h q v i x q g d p h q v a l o s d u d t x h r v k r p h q v q h j u r v ( h ) s h q v h p v x d v p d v f x d q l g d g h v . N r h q v a q w , f r p r s r w y h o d s u h a g h u d d p d u h p x p d v r f l h g d g h t x h , d r l a y v g h r i h u f h u d p r u g h w l q d g l r h p r u h d h w h v f r u s r v q h j u r v , r v d p l v a q g r v a l p e p g h d f h w d u h v s d r v g h s r g h u h g h d v f h q v r v r f l d a

E q t x d q w k r p h q v q h j u r v , q r d s u h a g g h p r v d d p d u v r " l a k r v . M h v p r t x h d v r f l h g d g h v x s u h p d f l w a l e u d q f d , f d s l a d d w a l h l p s h u d d w a l q r v s u y h g h y l y h u h s u l f d u r d p r u s r g h p r v d s u h a g g h u d d p d u q d v u a l h v t x h h w a l e h d f h p r v f r p r x v a d v s h w r d v . s r w y h o d s u h a g g h u d d p d u g h q v r g d v f r p x q l g d g h v q h j u d v . P r u l w r , s d d B h ø H r r n v , f u x f l d o t x h k r p h q v q h j u r v g l d a j x h p f r p p x a k h u v q h j u d v h d s u h a g g d p f r p h a l v d v h d x w u h f x s h u d e d d u x q l u r v i u d j p h q v v g h v h x v h u h g h v x d s u s u d k l w u d .

D l d q v h g h w h f h q u r , B h ø H r r n v f r q y l g d r v k r p h q v q h j u r v d y l y h u p v h j x q g r x p d v l f d d p r u r v d h d h l s h u l p h q v u h p v h x s r g h u v a d q v i r u p d g r u V l y h u g h d f r u g r f r p h w d v l f d , v h j x q g r H r r n v ( 2 0 2 1 e , s . 1 0 8 ) , G u h w x s h [ d l g h l d ' g h t x h w g r v w p r g l u h l w g h v h u d y u h , g h y l y h u e h p h s d h a d p h q v h . P d u d v a d " h u d v l f d d p r u r v d d w g d v d v g l p h q v h v g h q r v d y l g d , q r v d v r f l h g d g h s u h f l v d u d d e u d d u d p x g d q d i . N h w h v h q v l g r ,

q r k xp d vlf d p r u r v d t x d q g r k r p h q v q h j u r v e x v f d p r v s u y l o j l r v g r s d v l d f d g r d s h q d v s r u v h u p y l w v f r p r k r p h q v f l v j q h u r v. N d v s d a y u d v g h H r r n v:

H r p h q v q h j u r v p x l v d y h " h v y l y h p h p x p d s u v r p h q v d l q f d s d " h v g h h q f r q v d u x p d v d g d. N d f x o x u d s d v l d f d o w g r v r v k r p h q v d s u h q g h p x p s d s h o t x h u h w l q j h h f r q i l q d. Q x d q g r u d d h f a l w h h q v d p h p f h q d m q w f r p r s d v l d f d g r , r v k r p h q v q h j u r v v x s r u d p d v s l r u h v l p s r v l h v g d l g h q v l g d g h s d v l d f d o p d v f x d q d g h j q h u r . ( H r r n v , 2022 , s . 34 )

A r d s u h q g h u p d d p d u r v k r p h q v q h j u r v v h u r d r s r u x q l g d g h g h g h v f r e d u q r y d v i r u p d v g h h j s u h w d u v x d v p d v f x d q l g d g h v , m t x h , q d y l v r g h B h o H r r n v , r d p r u v d q v f h q g h d g l p h q v r g h x p v l p s d v h v h q v l p h q w h v h p d q l i h w d f r p r x p d d r f r q f u h v d . T u d v d - v h g h x p d v l f d g h y l g d s u i x q g d p h q v h f r p s u r p h v l g d f r p r e h p - h w d u f r d v l y r . N h w h f r q v h j w , r d p r u v h u y h a l f r p r x p d s r g h u r v d i r u d f d s d " g h s u r p r y h u v d q v i r u p d h v v l j q l i l f d v l y d v q d v r f l h g d g h , e d v h d g d v q r u h v s h l w h q r f x l g d g r . P d d H r r n v , r d p r u d t x l o t x h h o i d " , q r k d y h q g r h v s d r s d u d r s u h v r r x g r p l q d r h p v x d s u v l f d .

A e d u x p d v l f d p r u r v d v l j q l i l f d x l v d " d u v g d v d v g l p h q v h v g r d p r u a G x l g d g r , f r p s u r p l w r , f r q i l d q d , u h v s r q v d e l d g d g h , u h v s h l w h f r q k h f l p h q w i a h p q r w r f r v l g d q r . S s r g h p r v i d " h u l w r g h p r g r e h p - v x f h g l g r d r f x o l y d u d f r q v f l q f l d . E w d u f r q v f l h q v h s h u p l v h t x h h j d p l q h p r v q r w d v d h v f u l v f d p h q v h s d u d y h u r t x h q h f h w u r s d u d t x h s r w d p r v g d u f d u q k r , v h u u h v s r q v y h l v , g h p r q w d u u h v s h l w h p d q l i h w d u g l v s r v l r g h d s u h q g h u E q v h q g h u r f r q k h f l p h q w f r p r x p h o p h q w h w h q f l d o g r d p r u y l w d o ( H r r n v , 2021 e , s . 130 )

A r u h i d v l u v r e u h v x d l q i q f l d , H r r n v f r p s d u l d k d x p d h j s h u l q f l d s h w r d o s u i x q g d . E a l q r v f r q v d t x h v h x d y g h v h p s h q k r x x p s d s h o f u x f l d o h p v x d y l g d d r r i h u h f h u d k h r d p r u t x h h a l q x q f d u h f e h x g h v h x s d l . O d y g d d x w u d g h v d i l r x d v q r u p d v f r q y h q f l r q d l v g h p d v f x d q l g d g h d r s v a l u s r u h j s u h w d u r d p r u f r p r x p d s u v l f d g h d e h u g d g h .

F h d " p h q v h , D d g g ' G x v , s d l g d p l q k d p h , r i h u h f h x - p h r d p r u s h o t x d o p h x f r u d r d q v l d y d . C d o p r , v h u q r , j h q v l o f u d v l y r , x p k r p h p g h v l o q f l r h s d " , h o h p h r i h u h f h x x p d y l v r g h p d v f x d q l g d g h q h j u d t x h l d f r q v d d q r u p d s d v l d f d o F r l r s u l p h l u r k r p h p q h j u r u d g l f d o q d p l q k d y l g d . E d h d v h q w x d i x q g d r . S h p s u h p h h q y r g h q g r q r v g l o j r v , v h p s u h d s r l d q g r p l q k d q v l d s r u f r q k h f l p h q w h v h p s u h p h h q f r u d d q g r d i d a l u r t x h s h q v r , h x k r q u r q r w r s d f w h d v o h v g d s d f h u d q h j u d p d v f x d q d h i h p l q l q d e d v h d g d q d p x v d d o g d g h t x h h o h p h h q v l q x x d r f r q v l q x d u g l d o j d q g r f r p k r p h q v q h j u r v , d r f r q v l q x d u i d " h q g r r v a d e d k r g r d p r u y h u g d g h l u r ( H r r n v , 2022 , s . 41 )

N r h q v d q w r , h w d h v f r d k d r x v d g d g h v h x d y p x l v d y h " h v u h v o l y d h p f u l v f d v , s r l v , g h q w r g d h w v x u d s d v l d f d o h o h q r v h h q t x d g u d y d q d l p d j h p k h j h p q l f d g h p d v f x d q l g d g h . A s h v d u g l w r , r d p r u j h q h u r v g h p r q w d g r s r u h o h p r w u r x d H r r n v d i r u d h r s r v h q f l d o v a d q v i r u p d g r u g r d p r u t x d q g r s u d v l f d g r s r u k r p h q v q h j u r v , v a d q w r g h q w r t x d q w i r u d g h v x d f r p x q l g d g h .

B h o H r r n v , f r p v x d s h u s h f v l y d i h p l q l v d q h j u d , q r v f r q y l g d , h q t x d q w k r p h q v q h j u r v , d f r q k h f h u r v l j q l i l f d g r h d s u v l f d g r d p r u E a l q r v l q w l j d d d p d u h d q r v x q l u p r v v p x d k h u v q h j u d v q d e x v f d d x w u h f x s h u d r h s r u x p d v a d q v i r u p d r v r f l d o v l j q l i l f d v l y d . O f k d p d g r g h H r r n v f a l u r : t x h s r w d p r v v h u k r p h q v q h j u r v g l w l q w v g h v h x s d l h r x v d g r v d d p d u f r p r v h x d y . S x d v f r q w l e x l h v u h w r d p d l a g d f r p x p t x h w l r q d p h q w u h d y d q v h : d t x h p l q v h u h w d h q l h u j d u s h q v d u / u h s u h v h q v d u r v k r p h q v q h j u r v d s h q d v v r e d o h q v h g d y l r o q f l d h g r d q v h l r s r u e h q h i f l r v s d v l d f d l v ? A w l p f r p r r d y g d d x w u d h M d v l q L x v k h u K l a j , H r r n v h j s d q g h q r w r r d k d u q r v f r q y l g d q g r d h q l h u j d u v l l v k r p h q v q h j u r v q d k l w u d : k r p h q v q h j u r v t x h r x v d u d p d u h y l y h u v h j x q g r x p d v l f d p r u r v d .

O<sup>2</sup> <sup>3</sup> xu ÁyÉzÆ<sup>3</sup> uÁwy ÉyáÓu<sup>2</sup>

A lqynhwhf r hqwn s dvalduf dgr h udf lvp r dihvdlghvdp hqvn dvuhæ hvvr fldlv. Pdud BhæHr r nv (2022), r vkr p hqv v r iuht xhqvn p hqvn dnydgr v d d f u h g l v d u t x h v h x y d æ u l q g l y l g x d o h w w l q v l q v h f d p h q v n d j d g r v x d d v l y l g d g h v h | x d o E æ l g h v f u y h h w d g l q p l f d f r p r É d æ f q v l f d É t x h f h q v d d “ d r y d æ u g d v p d v f x d q l g d g h v k h j h p q l f d v h p w u q r g r u j r j h q l v d o p d v f x d q r è r s q l v è g h q w r g h x p d s h w s h f v l y d k h v n u r - s d v a l d u f d æ f r æ q l d o

Nhwh fr qvn | w , Hr r nv (2021d) q r v f r q y l g d d u h i d v l u s u r i x q g d p h q v n v r e u h f r p r d v v r f l h g d g h v p r æ d g d v s h æ f r æ q l d o v p r k l w u f d p h q v n d v l e x u d p l p s r u w q f l d y l u d g d g h v h | x d o p d v f x d q d f r p r x p d i r u p d g h g h p r q w u d u i r u d h s r g h u l v r u h v x æ d h p x p d s u h w r s v l f r o j l f d s h u l v h q v n v r e u h r v k r p h q v , t x h v r i r u d g r v d v h f r q i r u p d u d s d g u h v p x l v d v y h “ h v l q d v l q j y h l v h g l v d q v n v g d u h d d g d g h .

Ar h | d p l q d u d v h | s h u l q f l d v g r v k r p h q v q h j u r v d q v n v g d g l v s r u d i u f d q d , Hr r nv (2022) q r v u y h æ x p d q x d q f h l p s r u d q v n . E æ d j x p h q v d t x h d v p d v f x d q l g d g h v q h j u d v , d q v n v g d w d y h w l d g r A w æ q v l f r , q r h q i d w “ d y d p d v h | x d d g d g h p d v f x d q d g d p h v p d i r u p d h t x h r i h q p h q r g r i d æ f h q v l v p r h p h j l x s r w h u r u p h q v n , h p g h f r u w q f l d g r s u r f h w r g h f r æ q l “ d r h g r h w æ h e h f l p h q w g r s d v a l d u f d g r , f h q v d d “ d q g r d i l j x u d g r k r p h p q d v r f l h g d g h . N d v s d æ y u d v g d d x w u t :

Tr g d y l d , x p i d w p d l v g r t x h h y l g h q v n : f r u s r v p d v f x d q r v q h j u r v q r h w æ y d p f k h j d q g r d r q r y r p x q g r r e f h f d g r v s r u v h | x d d g d g h ; h d v y l q k d p g h f r q v n | w v r q g h d v r e u h y l q f l d f r d v l y d h u d p d l v l p s r u d q v n g r t x h d d w d r g r g h v h m v h | x d o h h w æ y d p f k h j d q g r d x p æ j d u r q g h d v r e u h y l q f l d h u d p d l v l p s r u d q v n t x h r g h v h m v h | x d o v h p s u h g l i f l o s d u d r v r f l g h q v l v d h p e u d u t x h h | l w h p u h j l h v q r p x q g r r q g h d f r q w x d r e v h w r s h æ l v h | x d d g d g h t x h f d u f v u d “ d d y l g d q d E x u r s d h q d v A p u f d v l p s d h v p h q v n q r v h d s d f d (Hr r nv, 2022, s.127).

l q i æ h q f l d g r v h v h g x “ l g r v p x l v d v y h “ h v s h æ v s u y l o j l r v d w r f l d g r v f r q f h s r g h p d v f x d q l g d g h k h j h p q l f d , Hr r nv (2022) r e v h y d t x h k r p h q v q h j u r v , h p g h v h u p l q d g r v f r q v n | w v , d g r v æ d p r i d æ f h q v l v p r f r p r x p p h l r g h e x v f d u d p h v p d d j l v l p l g d g h s u y l o j l r v d w r f l d g r v d r v k r p h q v e u d q f r v . N r h q v l q w , u h w d æ x p d g l i h u q d f u x f l d o h q t x d q w r k r p h p e u d q f r g h h d v n h f r q p l f d h s r o v l f d x v x i u x d g h v h x v s u y l o j l r v g h p d q h l u d s d q d , r k r p h p q h j u r , g h y l g r v x d f r q g l r u d f l d o h q f r q w r x - v h u h w l w d x p d s h w s h f v l y d d p l v d g d , s r l v i r l h q f h u d g r q r s u s u r f r u s r , v h q g r d w r f l d g r h v s h f l i l f d p h q v n d r v æ p d q k r g h v h x u j r j h q l v æ o

A f r q v n f h t x h d v r f l h g d g h v x s u h p d f l w æ e u d q f d f d s l v æ d v æ l p s h u d d w æ l x l v d “ r x - h d l q g d x l v d “ d - l p d j h q v g h f r q w r d s d u d u s u h v h q v æ u k r p h q v q h j u r v r e d s h w s h f v l y d i d æ f q v l f d . N h w h f r q v n | w , r s q l v h v h x v æ p d q k r s d v d u d p d v h u f r q v l g h u d g r v f r p r r v q l f r v h d p h q w v g h i l q l g r u h v g d p d v f x d q l g d g h g r v k r p h q v q h j u r v . l v r u h v x æ x q d d w r f l d r g r k r p h p q h j u r d x p d v x s r w æ d d æ l s h u r u p d q f h v h | x d o w u d q g r h w d f d u f v h u w l f d x p f u w u r f h q v æ d o s d u d d y d d u v x d y l u d g d g h . A h w h u h s h l w , M l æ w q R l e h l u r h w æ h e h f h t x h :

h w d l p d j h p h w d j d g d g l u h v æ p h q v n æ y h q w x g h f r p s h - v h d s d u l u g h d g x p d v u i h u q f l d v , f r p r r f r u s r d w æ l f r , d l g h d r v r e u h r s q l v j u d q g h , d l q v h q v d v d l w i d r v h | x d o g h u y d g d g h x p s r w y h o h q f r q w r v h | x d o d l g h l d g d y l o q f l d g h u y d g d g h w h h q f r q w r , d v l w d r g h y x æ q h u d e l d g d g h g h f æ l w h h g h æ j d u g h r u j h p g h v h k r p h p s u h w h r i d u h n f r p r l o f l w , l d j d o h p d j l q d o p d u f d p h w d s h u r q l i l f d r , h p e r u d h w h k r p h p q h j u r s r v d v æ p e p d v x d u g h q w r g d d f l w x g h h g d d j d d g d g h h d v x d u h p s u r i l w h v g h p h q r v s u h w j l r v r f l d o f r p r s r u h l u r v , s h g u h l u r v , h q v h j d g r u h v , y l j l æ q v n v h d i l q v (R l e h l u r , 2019, s. 130)

Ewh hqt xdgudp hqwr gr kr p hp qhj ur fr p r d g x p gh d d s h u r u p d q f h v h | x d o r f r o f r x h p x p d s r v l r p d j l q d d " d g d , v h q g r v h p s u h y l w r f r p r x p s r v h q f l d o h w x s u d g r u d w r f l d g r d r s h u j r h d p h d d . C r q i r u p h h | s u h w d g r s r u B h o H r r n v ( 2 0 2 2 , s . 1 5 2 ) : O l p d j h p g r h w x s u d g r u q h j u r f h q w d o d h w d i d q v d l d . i A d x w u d g h w d f d f r p r d u s u h v h q v d r g r k r p h p q h j u r f r p r x p d i l j x u d s h u j r v d h v h | x d o p h q v h d j u h w l y d i r l s h u s h w x d g d h h | d f h u e d g d , f r q w l e x l q g r s d u d d g l w h p l q d r g h q d u d v l y d v u d f l w d v .

A r e r h w l f d r g r f r u s r p d v f x d q r q h j u r f r p r y l u o i r u h h l q v d f l y h o s d u h f h v x j h u l u t x h h w h f r u s r v h y h t x d v h t x h h | f o x v l y d p h q v h d r v g h v h m v g r s u s u r f r u s r , g h l | d q g r g h o l g r x x w r v d v s h f w r v ( y d o u h v , s h q v d p h q w r v h g l u h l w r v ) g d h w q f l d k x p d q d , f r p r l q v h d j q f l d , f x o x u d , h g x f d r h v f . ( R r g u j x h v , 2 0 2 0 , s . 2 6 0 )

D l i h u q v h g r k r p h p e u d q f r , h w d v q d u d v l y d v u d f l w d v p d q l s x o l g d v s h o l e u d q t x l v x g h q r d s h q d v s h u s h w d u d p l q w r v d v r f l d l v , p d v v o p e p d o l v u d p h d l q g d d o p l v o p d v r s r u x q l g d g h v h h | s h u l q f l d v g r v k r p h q v q h j u r v , u h w d q j l q g r - r v d x p s d s h o x q l g l p h q v l r q d o r v h | r .

l q g h s h q g h q v h p h q v h g h f o d w h , w o l w v , u h q g d r x q y h o h g x f d f l r q d o s d u d p x l w r v k r p h q v q h j u r v d v h | x d d g d g h f r q v l x d v h q g r x p o j d u d w r p e u d g r s h o i d q v o p d g r f r p s r u o p h q w g l v i x q f l r q d o l w r v h g h y h , h p s d u h , f r q y h u j q f l d g r u d f l r f q l r p d f k l w d v r e u h r f r u s r q h j u r , t x h v h p s u h s u r r h w x q h o h x p d k l s h u h | x d d g d g h ( H r r n v , 2 0 2 2 , s . 1 2 5 ) .

E q w h v o q w r , B h o H r r n v ( 2 0 2 2 ) q r v h q f r u d r d d f u h g l w l u q d s r w l e l o g d g h g h p x g d q d h w d q v i r u p d r . E o l u h w d o d l p s r u w q f l d g h t x h d v p d v f x d q l g d g h v q h j u d v h g l w d q f l h p g h w d v l p d j h q v s u h n o g l f l d l v h u h r q k h d o r s h u j r t x h d f x o x u d k v h u r - s d w l d f d o f r o q l d o u s u h v h q v d s d u d r v f r u s r v q h j u r v . S h j x q g r H r r n v , k r p h q v q h j u r v q r s u h f l v d p v h f r q i r u p d u f r p d f r q f h s r g h p d v f x d q l g d g h k h j h p q l f d ; d r f r q w l u r , s r g h p , s r u p h l r g h x p d f r p x q l g d g h d o r u r v d , d e l u q r y r v f d o l q k r v s d u d d u h f r q w o x r g h v x d v l g h q v l g d g h v , i x q g d p h q v o l g d v q r d o r u h q r f x l g d g r .

O f r q y l w h g h B h o H r r n v s d u d t x h r v k r p h q v q h j u r v f u h p v x d v s u s u d v l p d j h q v g h u s u h v h q v d r , u r p s h q g r f r p d v q d u d v l y d v g h f r q w r o h s h u s h w x d g d v s h o l v x s u h p d f l d e u d q f d . P d u d d x w u d , d r v h d i d w o l u h p g d q r u p d h w o l e h o f l g d , r v k r p h q v q h j u r v w p d r s r u x q l g d g h g h u h g h i l q l u r t x h v l j q l i l f d v h u x p k r p h p q h j u r , s u r p r y h q g r x p d p d l r u g l y h u l g d g h h d x v h q v f l g d g h q d v h | s u h w h v g h j q h u r . O s r q w f h q w o d g h w d r e v h y d r t x h , d r d i d w o l u h p - v h g d p d v f x d q l g d g h i d o f q w l f d h k h j h p q l f d , k r p h q v q h j u r v s r g h p d g t x l u x p d q r y d s h u s h f v l y d h p u h o l r d v p d v f x d q l g d g h v q h j u d v h u s u h v h q w - o l v d s d u l u g h v l p h v p r .

A v r e u d v g h H r r n v f k d p d d d v h q r d l q g d s d u d x p t x h w l r q d p h q w l p s r u o l q v h : d t x h p l q v h u h w d h q f h u d u d v h | s h u l q f l d v g r v k r p h q v q h j u r v q r s u s u r f r u s r ? C r p r s u s v l w g h f u l d u x p d h | s h u l q f l d h p d q f l s d w u d , l p s u h v f l a g y h o t x h k r p h q v q h j u r v p d q v h q k d p y l j l o q f l d f r q w o l q v h v r e u h d g h v x p d q l " d r g h v h x v f r u s r v . A d f h l v d r g r s d w l d f d g r , s r u s d u h g r v k r p h q v q h j u r v , h t x l y d o h d v x e v f u y h u g h p r g r f r q f r p l v o l q v h , v h w o x u d v u d f l w d v t x h , f r p r s u y l d p h q v h o x f l g d g r , f r q w l w h p g x d v i d f h v g h x p d p h v p d p r h g d .

## QÀÁÊ'xÿÉÚ yÊZ'Áu'Ê

E p v x p d , d r d s u h v h q v l u d o x p d v f r q w l e x l h v g h B h o H r r n v s d u d d u i d h | r v r e u h d v p d v f x d q l g d g h v q h j u d v , i d r x p f r q y l w h o h l v x u d g h v x d v r e u d v , q d h v s h u d q d g h t x h q r y d v u i d h | h v s r w d p h p h u j l u d s d u l u g h w d d q o v h . A d x w u d q r v l q w l j d d f r q v l g h u d u r v h i h l w r v g h x p d h w o x u d v r f l d o k h v h u r - s d w l d f d o f r o q l d o q d v x e r h w l y l g d g h g r v k r p h q v q h j u r v , u h w d o l q g r d l p s r u w q f l d g h u h q x q f l d u d r g h v h m g h v h f r q i r u p d u v



qr up dv lp sr wdv sr u vlvhp dv r s uhvlyr v. Ewd uhq qfld fuxfldo srlv r s dwdudf dgr, fr p r vlvhp d gh r s uhv r, hww lqvlp dp hqvñ dj dgr dr udf lvp r, dihvldqgr kr p hqv h p xdkhvhgdfr p xqlgdgh qhj ud.

Hr r nv df uhglvld qd sr wleldgdgh gh wldqv r up d r gdp p dvfxdqlgdghv qhj udv, s u r s r qgr t x h hw dv vhrdp ixqgdq hqvldgvdqr dp r u Nr hqvldqr, hald hqidw' d t x h q r s r ghp r v s hughughylwld d fuvlf d hwwxwud vr fldot x h s h u s h w d w g d v d v i r u p d v g h r s u h w r . A p x g d q d g h y h r f r u h u q r d s h q d v q r p e l w l q g l y l g x d o p d v w l p e p f r q v l g h u d u d h v i h u d v r f l d o S x d v f r q w l e x l h v d s r q w l p s d u d x p d v l f d d p r u r v d , l q f h q v l y d a g r r v k r p h q v q h j u r v d g h v f r e u l h p r x w d v i r u p d v g h v h u d j l u f r p x p i r f r q d s u p r r g r d p r u h g r f x l g d g r .

Ao p glwr, hwhqfldot x h r v k r p h q v q h j u r v d s u h q g d p f r p d v p x d k h u v q h j u d v , t x h k p x l w v h p s r g h v d i l d p r v v l w h p d v r s u h v l y r v h h s a u d p d o h u q d v l y d v s d u d y l y h u g h i r u p d d x w q v l f d . P d u d H r r n v , d f r q w u x r g h x p d f r p x q l g d g h d p r u r v d i x q g d p h q v l d o s h u p l v l a g r g l a j r v d e h u w v h s u r g x v l y r v h q w h k r p h q v h p x d k h u v q h j u d v q d a v l f r q w d d v r s u h w h v . P r u i l p , l p s r w l d q v h u h w d o u t x h , d r i d o u v r e u h p d v f x d q l g d g h v q h j u d v , u h w l d q j l - p h d g l v f x v l u d h l s h u l q f l d g h k r p h q v q h j u r v f l v j q h u r v . R h f r q k h r , h q w h w l d q r , t x h h w h g h e d v h g h y h l q f a l u w l p e p d v p d v f x d q l g d g h v w l d q v j q h u r , d p s o d d a g r d w l p d f r p s u h q v r v r e u h d v g l y h u d v i r u p d v g h v h u k r p h p h d v l q v h u h f h v h q w h u d d h j q h u r .

## f yzyÉ ÁwúÉ

Ef wjyt /Dli j R1-5355, 1P f x h z a s n i f i j s j l w j f h t a s r l f t = H t x i t u f x x f i t s t u v j x j s j 1 N ~ f s r x x f = U j / r x y f i j H y z i t x D k w h f s t x j D k w r E v f x r q j n v r x / 8 4 5 , 1 m y u x = 2 j t n t w 2 4 3 1 4 ; : 9 7 2 5 8 < 8 0 4 3 6 6 | 8 s 4 5 5 3 5 5 k

F t a p s x / S 1 K 1 - 5 3 4 < , 1 S j s x f r j s y t k j r i s r x y f s j l w = F t s n j h m j s y t / h t s x h n s h r f i j f u t q y n h f i t j r u t i j w r j s y t - 5 ü j i Y l 1 P 1 R a j j w W w i 1 1 E t n j r u t H r y t w i d

l f s t s / l 1 - 5 3 5 5 , 1 S j g j s j l w i / r x h f v f x g w f s h f x - O l O l i t x V f s y t x / W w i 1 1 H r y t w i X g z 1

K t t p x / E 1 - 5 3 4 ; , 1 R k j r i s r x r t u f w i y t i t r z s i t = S t q y n h f x f w j g f y f i t w i x 1 U t f i t x V j r u t x 1

K t t p x / E 1 - 5 3 4 < f , 1 H w z j w f / t = S j s x f w h r t k j r i s r x y f / u j s x f w h r t s j l w i 1 H r y t w i H j k f s y j 1

K t t p x / E 1 - 5 3 4 < g , 1 D s x j n x = U f f / l s j w j u t q y n h f x h z q z w i x 1 H r y t w i H j k f s y j 1

K t t p x / E 1 - 5 3 4 < h , 1 R q n f y j x s j l w r x = U f f j y j u v j x j s y f t 1 H r y t w i H j k f s y j 1

K t t p x / E 1 - 5 3 4 < i , 1 V j t w i k j r i s r x y f = G f r f w j r f t h j s y w 1 S j w u j h y n f 1

K t t p x / E 1 - 5 3 5 3 , 1 H x s f s i t u j s x f r j s y t h w y n h t = V f g j i t w i u w y n h f 1 H r y t w i H j k f s y j 1

K t t p x / E 1 - 5 3 5 4 f , 1 H j j x j t i j h f r g n f w K t r g w x r f x h z a s n i f i ' f r t v E j a j j w i 1

K t t p x / E 1 - 5 3 5 4 g , 1 V i t x t g w j t f r t w Q t / f x u j w u j h y n f x 1 H r y t w i H j k f s y j 1

K t t p x / E 1 - 5 3 5 5 , 1 D l j s y j i f n t w i = K t r j s x s j l w x j r f x h z a s n i f i j x 1 H r y t w i H j k f s y j 1

Q w j / D 1 - 5 3 4 < , 1 L w t z y n j w 1 E t w j x / W w i 1 1 D z y s y n h f H r y t w i 1

P g j r g j / D 1 - 5 3 4 ; , 1 Q j h v r u t q y n h f - U 1 Y j s y z w i / W w i 1 1 H r y t w i s 0 4 1

U r g j n w / D 1 D 1 P 1 - 5 3 4 < , 1 F t r t r f y f w j s y f r j s y j f x n r j x r t j h t s y s z f w l n j s i t B U j / r x y f G f D x t h r f t E v f x r q j n w G j S j x v z r x f i t v j x 2 f x Q j l w x 2 D x - D E S Q / 4 4 6 3 , 1 U j h z u j w i t i j m y u x = 2 j g u s w j r x y f t w l g v d x r j 2 f w h g j 2 j n ~ 2 ; ;

U r g j n w / P 1 - 5 3 5 4 , 1 H z i j h n t x j h x | t a n f w h t r N t s l t z x j | t a n f w h t r N t s l = K t r j s x u v j y t x / r f x h z a s n i f i j x s j l w i x j m f l j s x i j h t s y w g j s f x t h n i f i j g v f x r q j n w 1 K z r f s n i f i j x ( l s t / f t : - 5 8 , / 4 6 9 0 4 8 5 1 m y u x = 2 j w j r x y f t z s r y s x b w z s i j 5 1 u m u 2 n z r f s n i f i j x i s t | f h f t 2 f w h g j 2 j n ~ 2 7 < 4 4

Vref / 1V1-5357,

Ut i vñ zj x/Z 1K1i j VI-6353,1Gj x r yñkñf s i t f x j s x z f a f i j s f y z w a f i f i t g f s t ð x r j x y z i t f h j wñ f i f t g g yñkñf t i t h t w i t i t n t r j r s j l w 1 F f i j w t x i j J s j w j V j h s t q l n f / 4 6 7 4 , / 5 9 : Ö 5 ; 7 1 myux 22 i t n t w 2436; <82hl y l 46s 74

Výs. vst. / M-5353, 1R f / j xxt i f uj g 1Ftr ufs mfi i x Q yfwx1

Z j w z y n P 1 1 G Y P f v l m y / O I P Y ( i j P j q / O I - 5 3 5 3 , 1 Q j h w u t q y n f = U f h x r t j u t q y n f x i j r t w j s t  
E v x r o h t s y j r u t w s j t 1 U j / x y f i j G w y n t i f F n f i j / 4 5 5 , 4 3 8 6 0 4 3 ; 6 1 m y u x = 2 i t n t w 2 4 3 4 5 < 8 ; 2 w h 5 3 5 3 7 < < 3

## h Qb WQg Uf i dOW Sa gO RS a Sb hO\_HOf hWî \_O c Qf WbW/O

### SI dObg c RO SI df Sgg c

J UR XS WfK QIT XHV IQ P HQW DOK HDOW F UH DWY HDUWF XODWR Q WR VK HH S DQVR Q R I

H SUHWIR Q1

gu<sup>3</sup> uÁÍu PyÁà" a yÁy" –y<sup>22</sup>" 4f ÀvyÉÍ À Ry O" Ó'uÉXÓÁ"ÁÉ 4hu Ê S<sup>2</sup>yÁy XÓÁÇÓy"Éu by<sup>3</sup> y 4OÁu duÓ<sup>2</sup>u duÉuxu 4  
Vúvy<sup>2</sup> QÉÉÍ "Áu QuÉÁ'y<sup>2</sup>

Mhwwdggdgr Purj udp dgh P v-  
Gudgxd r Swlfr Shqvx hp  
Pu víf dvlqwlwxf lr qdlv hp Sd gh  
Mhqvdo lqwlwxi r: Uqlyhuwlgdgh  
Pdx dwdl (UNIP). Cr qvdr:  
[vdq.dqvl.p.hj@kr.vp.dlofr.p](mailto:vdq.dqvl.p.hj@kr.vp.dlofr.p)

Mhwwdggdgr Purj udp dgh P v-  
Gudgxd r Swlfr Shqvx hp  
Pu víf dvlqwlwxf lr qdlv hp Sd gh  
Mhqvdo lqwlwxi r: Uqlyhuwlgdgh  
Pdx dwdl (UNIP).

Mhwwdggdgr Purj udp dgh P v-  
Gudgxd r Swlfr Shqvx hp  
Pu víf dvlqwlwxf lr qdlv hp Sd gh  
Mhqvdo lqwlwxi r: Uqlyhuwlgdgh  
Pdx dwdl (UNIP).

Dr fhqvñ gr Purj udp dP v-  
Gudgxd r Swlfr Shqvx hp  
Pu víf dvlqwlwxf lr qdlv hp Sd gh  
Mhqvdo lqwlwxi r: Uqlyhuwlgdgh  
Pdx dwdl (UNIP).

Dr fhqvñ gr Purj udp dP v-  
Gudgxd r Swlfr Shqvx hp  
Pu víf dvlqwlwxf lr qdlv hp Sd gh  
Mhqvdo lqwlwxi r: Uqlyhuwlgdgh  
Pdx dwdl (UNIP).

**Sx<sup>1</sup>fÁÉuÉÉÁwuxÁH**Idqd qd Culwqd gh  
Sr xvd Bhur cgr h Mdulqv

**f yvvv"xÁy<sup>3</sup>** H26/06/2023

**Ovy<sup>1</sup>fÁy<sup>3</sup>** H29/04/2024

**dÓv<sup>2</sup>wuxÁy<sup>3</sup>** H23/12/2024

**Q'ÍuÉ** Mhqhj khø, S. B., Dh Aj xldu  
Jxqlr u R., Jxqt xhlud Nhp h, T. E.,  
Pdudgd, A. P., & Cduqlhø l. C. (2024).  
T fqlfdvj uxs dlvh p vd gh p hqvdo  
Aulfxæl r fulvlyd h|s dqv r gd  
h|s thw r. *Mr vdlfr: Ewvgr v hp*  
*Pvfr ø j lq* 12(1), 79-92.

### f yÉÓ<sup>3</sup> Á

A Rhir up dPvlt xl víf dfr qwlwxi xp qryr prghø gh dñq r vd gh p hqvdo  
T fqlfdvs vífr o j lfdvfr qhfvdgdv duñ hwr lqfævdv qdPu víf dvlqvñj udlvlyd h  
Cr p s dñp hqvduhv hp Sd gh (PICv) fr pr dhfxur vñds xvlfr. O reñvlyr ghvød  
shvtxlv dirl h|s ø uduhwuñj ldv q r hwvævx ugdv h duwvlf dv, s dud h|s thw r h  
fr p s thqv r gh ihq p hqv r qd dñd r hp j uxsrvyr ødgr v vd gh p hqvdo  
dght xdgdvdr vs dflhqvñvhs s uilwlr qdlv. Fr l hdd" dgd hp xp kr vs lvdøj hudøfr p  
dhlv v gh lqvñud r svlt xl víf d, d ds dñd r gh 3 wfqlfdvs s u rñvlydv: fr ølj hp ,  
vñdvr hfr qv vñds ld. Ov hvx ødgr v ghvæf dñd r s r vñqf l dñf udlvlyr gdw wfqlfdv,  
hp s dflhqvñv h qrv s u ilwlr qdlv gh vd gh, deudqgr hvs d r s dud lqrvyd r qd  
s u pr r h lqvñvlyh q r hp vd gh p hqvdo

**du<sup>2</sup>uÓÉuÉSw-uÓy:** Auth; Culvlylgdgh; T fqlfdv Pur rñvlydv; Guxs r v; Sd gh Mhqvdo  
**OvÉÍÉuÍ**

Tkh PV fkl dñf Rhir up fr qwlwxi vñg d qhz prgho r i p hqvdo khðok fdh.  
PV fkr ø j lfdv vñf kqlt xhv fr qhf vñg w duwdh lqfæghg lq lqvñj udlvlyh dag  
Cr p s dñp hqvdu Hðok Pudf víf hv (ICPv) dv vñ huds hxvlf thv xuf h. Tkh r eñf vlyh r i  
vklv thvñdñk z dv w h|s ø th xqvæxf vñgh dag duwvlf vñdñj lhv ir u h|s thvñlqj  
daq xqghu vñdñlqj s khqr p hqdlqj ur xs vir fxvhg r q p hqvðok hðok, vxlvdeñ ir u  
s dñhqv dag s u ihwlr qdø. Tk uh s u rñf vlyh vñf kqlt xhv è fr ølj h, vñhdvñy dag  
w u vñdñj è z hñ ds dhg lq d j hqhudok r vs lvdøz lvk s v fkl dñf kr vs lvdø" dvñr q  
ehgv. Tkh thvæw klj kðj kvñg vñh f uhdvlyh s r vñqvñdñr i vñh vñf kqlt xhv, er vñ lq  
s dñhqv dag lq khðok fdh s u ihwlr qdø, s dylqj vñh z d' ir ulqqr ydvñr q lq vñh  
s u pr vñr q dag lqvñvlyhqvñr q r i p hqvðok hðok.

**ZyâÚÁÉxÉH**Aw; Culvlylv; Pur rñf vlyh Thf kqlt xhv; Gur xs v; Mhqvdo Hðov



## : 6 WÍÉAxÓ À

: 6 6f yzÆ<sup>3</sup> u dÊÇÓ' ÍÉ'wú ÁÀ PÉúÊ<sup>2</sup> H<sup>2</sup> wú<sup>3</sup> "Á-À ÆúÉú-Ó<sup>3</sup> uÁ'áú ÀxÀ ÍÉúÍú<sup>3</sup> yÁÍÀy<sup>3</sup> Éú xy<sup>3</sup> yÁÍú<sup>2</sup>

O ghvhqf dghdp hqwr gd Rhir up d Pvtl xl wlf d q r Budvloghx-vh hp p hlr hihuyhvf qf ld gr s r ghur vr dMr ylp hqwr Sdqlwlr' qd g f dgd gh 1970. Ewñ p r ylp hqwr ddp hrdyd xp d wldqvir up d r udglf doqr v s dgu hv gh dñqqlp hqwr h j huhqfldp hqwr qd vd gh s edfd, d sur p r r gd vd gh fr dñyld, d sulp d"ld gr v wdeddkgdgr uhv h vxv urv qd j hwrr, eh p fr p r r ghvhqyr qlp hqwr gh vñfqr σ j ldv gh dñvwqf ld, ylvdaqgr hwdehñf huxp d vd gh s edfd fr p r gluhlwr gh wgr v (Odyhlud & S"ds lur, 2020).

A Rhir up d Pvtl xl wlf d, s r ux dyh", s r vx d xp d wldhw uds u sld, lqvhs du yhogr p r ylp hqwr j σ edo s hæl h| vñq r gr v p dqlf p lrv h gd ylr o qf ld dñæu Shx lqwlwr hud wldqvir up du q r ds hqdv dv s u wlf dv s vlt xl wlf dv wldglfr qdlvhp d hv p dlvkxp dql" dgdv, p dvvdp e p dvthæl hv v fldlvhp exvf dgh xp "q r yr α j duvr fldos d d σ xfxud" (Ap dudqvn, 2021, s. 132). Pdud lwr, ir udp xld" dgdv hwudwj ldv gh lqf α v r vr fldo s hæl vr dgdulhgdgh h fldgdqld, t xh ylvdydp fr p edvñud h| f α v r h d r s uhv r.

O p r ylp hqwr j dqkrx ir u d qd g f dgd gh 1980, ds v r s hur gr glwlv udop fr p r vxj lp hqwr gr Mr ylp hqwr gh Tudeddkgdgr uhv hp Sd gh Mhqvdo(MTSM), ghqxqfldqgr dv fr qgl hv s thf udv gh wdeddkg h ylr o qf ld qrv kr vs lwlv s vlt xl wlf r v, s rfd hp t xh ylj r udyd xp p r ghσ kr vs lwlæ f qwlfr gh vd gh dñvwñqf ld o Tdop r ylp hqwr fr qwx fr p r ds r l r gh r j dql" d hv, fr p r r Chqwr Budvñlur gh Ewxgrv gh Sd gh (CEBES) h d Rhqryd r M glfd (REME), t xh vñ xqludp qd α v s r ux p d vd gh p hqvlop dlv ñwv h l j xddw uds d d wgr v (Tr p d" hwdo, 2020).

Cr p r s uqf ls dlv p dfr v, d Rhir up d Pvtl xl wlf d Budvñlud gh wlf r x-vh fr p d 8aCr qihu qf ld Ndf lr qdo gh Sd gh (CNS) hp 1986 h, q r dqr vñj xlvñ, fr p d l Cr qihu qf ld Ndf lr qdogh Sd gh Mhqvdo(CNSM) h r ll Eqfr qwr Ndf lr qdogr MTSM, fr qkhflgr fr p r ÓCr qj uhwr gh Bdxuî, t xh dgr wx fr p r dñp d d α v s r uÓp d vr flhgdgh vhp p dqlf p lrvî, hp t xh fr qwx fr p r ds d wlf ls d r gh vxv urv, idp ld dñv h dñv lwlv hqj d r dgr v qdr s r v l r vir up dvgh h| f α v r h ylr o qf ld vr fldos s r qgr q r yr vp r gr vgh s hqvdu d σ xfxud, r wldqwr uqr p hqvlop d glyhwlgdgh h d glihuq d (Ap dudqvn, 2021).

Ep 1990, d Rhir up d hqwr x hp vñx vñj xqgr p r p hqwr, exvf dqgr d h| vñq r j udgx dogr v kr vs lwlv s vlt xl wlf r vñj dudqlqgr fxlgdgr vhp vd gh p hqvlos r up hlr gh vñy l r v vxewlwxvlyr v (Tr p d" hwdo, 2020), dr fr qvlghdur Ó dflhqvñi fr p r xp vxñlv gh gluhlwr v, ds w d dñqj luj udxvgh dxw q r p ld h hp dqf ls d r s d d j hluvx d s u sld h| lwwqf ld (Ap dudqvn, 2021, s. 20). Pdud d f dq duvhxv r eñvlyr v, ir udp hwdehñf lgdv dñlv h s r o l f dv s edfd fr qvlvñqvñv, fr p r d Pr o l f d Ndf lr qdogh Sd gh Mhqvlop vdp e p fr qkhflgd fr p r d Lhl qx 10.216 gh 06.04.2001 (Budv 2001), t xh lqwlwx l xp q r yr p r ghσ gh wldvlp hqwr, uhglhflr qd qgr d dñvwqf ld vd gh p hqvlofr p d uhgx r s ur j uhwlyd gr v dñlv v hp kr vs lwlv s vlt xl wlf r v h dp s dd r gh vñy l r v vxewlwxvlyr v, j dudqlqgr ds ur vñ r h gluhlwr vgh s hvr dv fr p wldqwr uqr v p hqvllv, d dñvwqf ld vd gh fr p edvñ fr p xqlw u d h kxp dql" d r gdvir up dvgh wldvlp hqwr (Ap dudqvn, 2021).

Ao p glwr, ir l lqwlwx gd d Rhgh gh Avñq r Pvlfr vr fldo(RAPS) s hæl Pr ualud qx 3.088 (Budv 2011), fr p s r wls r ux p duhgh gh vñy l r vgh dñq r dp exælv udop kr vs lwlæ luh gr p lf lddu eh p fr p r gh ude l d dñv r s vfr vr fldo h lqvñu r vr fldo fr p r r eñvlyr gh s ur p r yhur fxlgdgr hp vd gh p hqvlogh ir up d lqvñj udoh

kxp dql" dgd, uhs hlvdqgr r vglhlvr vkxp dqr vgdvs hvr dvfr p vldqwr uqr vp hqvdlv, dvlfxdqrgr r vglihqvnhv q yhlvgh dvhq r hlqvnhj ud r frp rxvrvvhuyl rvghvd gh hfrp dfrp xqlgdgh.

Ep p hlr drv txhwlr qdp hqvrv sur prylgrv shd uhrip d svt xl wldf, vdp e p sdvdudp d vhu glvxlgr vrv prgho v gh dvhqglp hqvrv rihuhfgrv hp vd gh p hqvdoqr p xqgr wgr. Nd Ap ulfd Ldvlqd, p xlvdlqlf ldlvdlp sr vldqvnhv hqfr qvduvp vr o i ulodqdv fuvldvdr prgho gh dvhqglp hqv t xh s ur u" dydr kr vs lvdoh d lqvnuqd r svt xl wldf. Dhqvnh dv Qrydvî sr wleldgdghv, ghwldf d-vh r vdeddr sur srwr sru Equ t xh Plfkr q-Rlyl uht xh, frp vhxvj xsrvr shudvrv, s ghfrp shhaghud Q xfxudi frp rdh| shw r gh xp d hqvndvldi udf dwdgd gh dgds vd r dr p hlr (Plfkr q-Rlyl u, 2009).

Nr Budvlo Nlvh gd Slghlud, svt xldvud daj r dgd, lqvs lvdgd s h o vdydq r vsur prylgrv s h o prylp hqv dqvlp dqlfr p ldoh lqvdlvhlvd frp r t xh d p hglflqd s r f d r i h u f l d f r p r v d v l p h q w , g h p r q w r x , f r p v h x u g x r h s h u l v h q v n v d e d d r f r p r v l q v n u q r v g h x p k r v s l v d o s v l t x l w l f r , d l p s r u w q f l d g d d u h f r p r x p j u d q g h u h f x u r v h u d s x v l f r .

As hvdugr vdydq r v, d ghvlqvnlxflr qdd" d r gd o xfxud dlqgd xp ghvdilr, uht xhuqrvr vprgho v gh fxlgdgr hp vd gh p hqvdo frp su vldv lqrvdgr udv txh hvdleh d p xp d uhgh gh fxlgdgrv s dud r v vxv urv. Pdud vxshudr prgho frqvuydgr u qhfhw ur gl o j r, frqvflhqv" d r, fdsdflvd r gh sur ilwlr qdlv h v h q v e l d " d r g d v r f l h g d g h , g h p r g r d s u r p r y h u d f l g d g d q l d d r v v x r h l w v k l w v u f d p h q v n v x h o d g r v h q r d s h q d v d u h w x v x u d r g r v h u y l r v (Dxduh gh Qxhlur j d & Jr v gh Sr x" d, 2022).

**: 60ÊÍÉúÁÊzAE³ u yÊÁÂÊ³ Àxy²ÂËy yÊÍÉúÍ "uÊxyÍÉúv²-Ày³ Êu xy³ yÁÍu²**

O prgho kr vs lvdof qvldfr srwxl xp d frqfhs r elrp glfd gh vd gh, uhj lgr sh o s uqf slr gd fxud, xld" d-vh hvs hfldp hqvnh gh vldvlp hqv p hglfdp hqvvr s dud uhgx r grvvlqwr p dv, ylvw frp r s uqf l s d o vr o r s s d u r v r i u p h q w v h p d d n v g r s d f l h q v n f r p v d q w r u q r p h q v d o A k h j h p r q l d g h v d o s u v l d p r w d - v h d w r f l d g d r v p r g h o v y h u l f d d " d g r v , t x h u s u r g x " h p r v p r o g h v r f l d p h q v n g r p l q d q v n v g d v x e r h v l y l g d g h v h u d d " d g d g r p r g r f d s l v d d v d g h s u r g x r (Ydvl & Cr v d - Rr v d, 2008).

Ep p hdgr vgrv dqr v gh 1950, do p grv vldvlp hqvrv lqvnyhqvlyrv vldglfr qdlv, vxj ludp d o xqv sur rhv v gh s u y h q r q d u h d g d v d g h p h q v d o m q w O u j d q l " d r P d q - A p h u f d q d g h S d g h (O P S ) . P r u p , h w n v d l q g d v h p r w d y d p d s r l d g r v q r p r g h o e l r p g l f r , f r p x p d i x q r s h g d j j l f d y r o d g d d r r i h u f l p h q w g h l q i r u p d h v d u h s h l w g h v d g h - g r h q d p h q v d o d l q g d s r x f r h i l f l h q v n s d u d p x g d q d v q d v s u v l d v p g l f d v (C d p s r v h w d o , 2009).

A s d u l u g h w d f u v l f d , r v l v n p d p g l f r i r l s h u s d v d g r s r u h p e d n v s r o l f r v g h j u d q g h h | s u h w r h v n q v r q d A p u l f d L d v l q d , s u f x u d q g r v h u d d q k d u m q w r d d v l y l g d g h v g h p d l r u s d u l f l s d r s d u d f r p v x d v s u v l d v p g l f d v (A u r x f d , 1975, f l v d g r s r u C d p s r v h w d o , 2009, s . 24).

Av p xgdq dvir p hqvduvp qrvdv shus hfvlvdy gh d v d r q d u h d e l r p g l f d h q d S d g h M h q v d o d t x d o s d w r x d s u r p r y h u d v l y l g d g h v l q r y d g r u d v , f r p r , s r u h | h p s o , d l q w d d r g h C h q w r v g h A v n q r P v l f r w r f l d l v (C A P S v ) . D h v g h 1987, f r q w l x x h p - v h q x p d h w x v x u d l q v n u p h g l u d h q v n r k r v s l v d o h d f r p x q l g d g h (A p d u d q v n , 2021), r i h u f h q g r d r v x r h l w f r p v d q w r u q r p h q v d o d s r w l e l d g d g h g h h d v h d s u h v h q v d u s r u v h x s u s u r g l o j r , g d q g r - d k h f r q g l r g h d x | d r g h p r g r d x v d " d u g h v x d h | s h u q f l d s d u d d u h g x r g r h w l j p d t x h v h f u l x h p w u r g h d , f u d q g r f r q g l h v p d l v h i h v l y d v h g l u h v d s d u d f r p v x d y l g d s u h v h q v n h i x v x u d , q r p d l v g l w d q v n , p d v m q w r v r f l h g d g h (S h u s d J x q l r u h w d o , 2014).

A s d u l u g h w a l d h v x u j l u d p q x g d q d v q d f r q f h s r g r s u f h w r v d g h - d g r h f l p h q w , q r p r g h o v n u f r h w f q l f r - d w l w h q f l d o t x h r u j d q l " d h v x w h q w d v s u v l f d v g r v s u i l w l r q d l v ; t x h r u h q w d h v x w h q w d r d u f d e r x r n a u g l f r h r x q l y h u r g h s u v l f d v h y d o u h v f x o x u d l v i (Y d v x l & C r w a l - R r v d , 2008, s . 28). T d l v p x g d q d v s u v l f d v , v n u f d v , v l f d v h s r o v l f d v , d w l p l a e g d v h h i h v l y d g d v n a q w P r o v l f d g h S d g h M h q w d o f r q w l w x u d p v n u h q r i u l o s d u d E w a d w j l d v g h A v h q r P v l f r w r f l d o (E A P v). P u l p h l u d p h q w n , s u r f x u d u p u r p s h u f r p r s d u d g l j p d w a d g l f r q d o k r v s l v a f q w l f r , f r p s u h q g h q g r v d g h - g r h q d f r p r s u f h w r v r f l d o h f r p s d i l r , q h f h w l g d g h g h w a d l p h q w l q v n u g l v f l s d q d u w a d q v g l v f l s d q d u h l q v n u h w u d o f r p r r v s u r s r w v s h a l d h v g h p d w l f l d p h q w l p s d o p h q w a g d v s h o M l q l w u r g d S d g h (Y d v x l & C r w a l - R r v d , 2008). N d s h u s h f v l y d l q v n u g l v f l s d q d u d v h w a d w j l d v j u x s d l v v h g h w a l f d u d p f r p r d w a d h v d g h t x d g d v v d g h p h q w d o D h q w h l q p h u r v d x w u h v h p r g h o v g h w a d e d d r v , g h w a l f d p - v h :

- d) A T h r u d g h C d p s r g h K x u w L h z l q: O s v l f o j r K x u w T . L h z l q l q w r g x " l x r v n u p r " g l q p l f d g h j u x s r " q d v f l q f l d v r f l d l v , q d g f d g d g h 40. S h x w a d e d d r f r p j u x s r v v n p j u d q g h l p s r u w q f l d k l w u f d s d u d d f l q f l d s v l f r o j l f d h u h i h u q f l d s d u d d i r u p d r g h s v l f o j r v h g h p d l v s u i l w l r q d l v t x h d g d p f r p r i h q p h q r g h j u x s r v (P d v t x d d q l h w d o , 2021).

C r q v l g h u d - v h , h q w r , r v i h q p h q r v t x h v x u j h p q r h q f r q w r j u x s d o f r p r g h v n u p l q d g r v s r u i r u d v h i d w u h v t x h v h i d " h p y l v y h l v q r s h o i v l f r , p d v s h a l p d q l i h w a l r v x e r n u y d t x h g h v h q y r o y h r f r p s r u a d p h q w (K d l v h u & S f k x o ' h , 2018). N h w n v h q v l g r , s r w y h o h w a l e h d f h u h a l h v h q w n :

[... ' r d p e l h q v n h l v n u q r d r l q g l y g x r (r x w a d v s h w r d v h f r l d v) h v n x d p e l h q v n l q v n u q r (q h f h w l g d g h v , y d o u h v , s h q v d p h q w v , v h q v l p h q w v) [...]. S h d v i r u d v s u r s x o r u d v h p g l u h r f u d w l y l g d g h v x s h u d h p , h p t x d q v l g d g h h l q v n u q v l g d g h , r v y h w u h v f r q w u r v , d v d g h p h q w o s u h y d d f h u . C d v r f r q w u r , q h x u r v h v h s d v o r o j l d v u h u r r u h v x o d g r g d v i r u d v r s h u d q g r q r f d p s r g r l q g l y g x r (B d u a l f k , 2021, s . 172).

A d e r u d j h p g h j u x s r g h L h z l q d p s a l p h q v n x l d " d g d h p g l y h u d v u d v , l q f a l q g r v d g h p h q w d o h g x f d r , q h j f l r v h r u j d q l " d h v v n p i l q v a f u d l y r v . T u d v d - v h , h q w r , g h x p d d e r u d j h p l q v n u g l v f l s d q d u t x h y l d g h v r q w a l u e d u h l u d v , w a d q v l a g r h q w n r w a d g l f r q d o h d v f l q f l d v (B d u a l f k , 2021). N d v d g h p h q w d o h w d d e r u d j h p v n p v l g r d s d f d g d h p x p d y d u h g d g h g h f r q i l j x u d h v , l q f a l q g r w a d l p h q w g h g h s h q g q f l d t x p l f d , v n u d s l d g h j u x s r s d u d w a d q w u q r v g h d q v l h g d g h , g h s u h w r h r x w a d v .

- e) O G u x s r O s h u d l y r g h P l f k r q - R l y l u h: A s d u l u g h v x d v h l s h u l q f l d v f r p r s v l t x l d u d q d f l g d g h g h R r v u r , o f d d " d g d q d A u j h q v l q d , P l f k r q - R l y l u h g h v h q y r o y h x p d h w a d w j l d j u x s d o s d u d d v n a g l p h q w d r v s d f l h q v n v h p v l w a d r g h f u l v h , l q v n u d g r v q r H r v s f l r g h a l v M h u f v . D d g r r j u d q g h q p h u r g h l q v n u q r v h d l q v x i l f l q f l d g h s u i l w l r q d l v g l v s r q y h l v s d u d d f r d k h u g h p d a g d g d l q w l w x l r , r s v l t x l d u d v x r h q d v x u d d " d g r q d A u j h q v l q d y - v h g h v d i l d g r h p v x d s u v l f d f o a l f d s v l f d q d o w l f d h f r q y r f d g r d q r y d v i r u p d v g h l q v n u y h q r f o a l f d v (C d u l l h o 2018).

U p d g d v f r q w a d l h v l p s r u a d q v n v g h P l f k r q - R l y l u h u h i h u h - v h f r p s u h q v r g d o x f x u d f r p r x p i h q p h q r f r d w l y r , h p t x h r l q g l y g x r f r q v l g h u d g r o x f r i s r g h v h u x p s r u a d - y r " g h q h f h w l g d g h v g h x p j u x s r g r t x d o h p h u j h , s r u y h " h v g h q x q f l d a g r s u e d o p d v q d f r p x q l f d r h q w n v h x v l q v n j u d q v n v (C d u l l h o 2018).

A l a q d , v h j x a g r d d x w u d d f l p d f l v a l g d , d f r q i l j x u d r g r v j u x s r v , t x h P l f k r q - R l y l u h w a d l g h s u r f h w r j u x s d o h t x h g q r p h d r v h x d y u r p d l v f r q k h f l g r , d s r q w a l s d u d d l p s r u w q f l d g r g h v h p s h a k r g h g l i h u h q v n v s d s h l v s r u s d u h g r v l q v n j u d q v n v . P d s h l v h w n v q h f h w u r v s d u d t x h d v a l u h i d j u x s d o v h r d u h d d " d g d , p d v t x h , d r v h f u l w a d " d u h p , s r g h p f r q i l j x u d u s d w o r o j l d v q r v y q f x o v h q w n r v h q y r o y l g r v .

Nd uhd d' d r gr v j u x s r v r s h u d m y r v, v x d v d m y l g d g h v s r g h p v h u v h u d s x v l f d v h / r x g h d s h q g l' d j h p , s r u p , q d s u v l f d, f r q v l g h u d - v h t x h w g d d s h q g l' d j h p v d j d d j r g h v h u d s x v l f r h w g r s u r f h w r v h u d s x v l f r d s r q v l s d u d d s h q g l' d j h q v g h q r y r v p r g r v g h v h u (C d u l h q 2018).

Av d m y l g d g h v s r g h p l q f a l u g l q p l f d v h m j r v t x h s h u p l v h p d r v s d u l f l s d q v h v h j s a u d u h h j s h u w d u v x d v h p r h v, s h u f h s h v h s h q v d p h q w v. A o p g l w r , v r x v l d' d g d v w f q l f d v g h f r p x q l f d r q r y h u e d o h y h u e d o g h i r u p d d l q f h q v y d u d h j s h u w r f u d m y d h d l q v h u d r j u x s d o (P l f k r q - R l y l u h, 2009).

O j u x s r i x q f l r q d f r p r l q w x p h q w g h v d q v i r u p d r g d u h d d g d g h. O f r u h p u h a l h v j u x s d l v h q w h r v s d u l f l s d q v h v, t x h f r p h d p d s d u l d k d u r e h v l y r v f r p x q v, s d w d p d v h u s d u l f l s d r f u d m y d h f u v l f d, l q v h u d j h p h v h y l q f x a l p . P r u p h l r g r y q f x a , r v x r h l w s r g h l q v h u s u h v u d u h d d g d g h f r p q r y r v r d k d u h v, g h i r u p d v l q j x a l u O j u x s r x p g l v s r v l y r f d s d' g h r i h u a l u f x l g d g r s v l f r w r f l d o q r v h u l w u r , d p s d d a l r v v r f l d l v h s r w l e l d v l t x h r v s d u l f l s d q v h v h y h r d p f r p r s u r v d j r q l w a l v g d s u s u d y l g d (S d q j l r q l h w d o, 2020).

### : Ø60 u f y y u v e u l' Ø x u x y v Å³ À " Å É É Ø³ y Á Í Å È u x y³ y Á Í u²

A u h a l r h q w h d u h h s v l t x l d v u d l q l f l d - v h q r v f x a X I X h, q r B u d l o r v s u h f x u r u h v g h w d d s u r | l p d r v r O v u r C v d u h p S r P d x a h N l v h g d S l o y h l u d q r R l r g h J d q h l u r , h p p h d g r v g h 1930 (T d y d u h v, 2003). D h d f r u g r f r p C r v f u d w h B x h q r (2009):

A v x d o p h q v h, d s d u l u g d v q r y d v s u r s r w a l v h u d s x v l f d v h p v d g h p h q v l o d g y l q g d v s h a p r y l p h q w g d R h i r u p d P v l t x l v l f d, d v d m y l g d g h v d u w l f d v d s d f d g d v q r v h u y l r v g h v d g h p h q v l o r f x s d p a j d u g h g h w a l t x h. A d u h s u r s r w a l f r p r u h f x u r v h u d s x v l f r q r f d p s r g d v d g h p h q v l o h p d q k d v j h u d l v, s u p r y h r a l' h u' u h f u h d r ; r g h v h q y r o l p h q w g h k d e l d g d g h v p r w u d v, y l v x d l v h v s d f l d l v; r d x p h q w g d d x w h w l p d; d r e v h q r g h p d v h u d o s d v y h o g h l q v h u s u h v l r ; r u h a l d p h q w (s. 144).

A w l p , w u r x - v h x p d i r u p d h i l f d' g h f r p x q l f d r g h v x r h l w v t x h v h p g l i l f x a g d g h h p v h h j s h u w d u s h a l i d a l. Ø a s u r g x r d u w l f d h r d w f u d m y r s u r s r u l r q d p r u h a l d p h q w h u h v a l e h o f h r h t x l o e u r h p r f l r q d o s h u p l v q g r d w d q v i r u p d r s h w r d o d d e h u g d g h h d d x w q r p l d f u d m y d i (P l f d w r h w d o, 2020, s. 92).

O h w x g r v r e u d l q v h u d f h h q w h d u h h f u d m y l g d g h v h u g h v h q k d p , d w x p l q g r q r y d v s u r s r w a l f r p r l q w x p h q w v m a q w v d g h p h q v l o d r v h f r p s u h q g h u p f r p r s d s l v t x h s r g h p h j h u f h u q r g h v h q y r o l p h q w h q d u h d e l d v l r g d t x h o t x h h w h r d y l y h q g r v a d q w u r v p h q v l l v, l q v h u s r q g r - v h h a l v f r p r v r a h v h i l f l h q v h v h f u d m y d v s d u d r h q i u h q v l p h q w g d v d g y h u l g d g h v h f r q v h t x h q v h u g x r g r v r i u p h q w s v t x l f r (B d u a l f k, 2021). N h w h f r q v h j w , g h w a l f d - v h N l v h g d S l o y h l u d (1905-1999), s v l t x l d v u d e u d v d h l u d, f r q k h f l g d s r u v h x v a l e d d k r u h y r a f l r q u l r h p v d g h p h q v l o h v s h f l d p h q v h q d a v d f r q v a d l q v h u y h q h v e l r p g l f d v f r q v l g h u d g d v y l r d h q v a d h s h a l g h i h v d g h d m y l g d g h v h j s h u w y d v, s u l q f l s d o p h q v h s r u p h l r g d s l q v u d h p r g h a j h p , f r p r i r u p d g h v a d v l p h q w h p v d g h p h q v l o H , d w k r r h, x p f r p e d v h d x p d p h g l f l q d d j u h w y d h l q h i l f d', h p t x h r f r u h x p d v h q v r h q w h r v r i u p h q w h r v a d v l p h q w , h q w h d y l r o q f l d h d f x u d, h a j h a g u d q g r r p l w g h N l v h (M d j d a j l, 2019).

N l v h g d S l o y h l u d g h v h q y r o y h x, h q w r , d g h q r p l q d g d "v h u d s l d r f x s d f l r q d o h p j u x s r", t x h v h p v l g r x v l d' d g d h p g l i h u h q v h v l q w x l h v, l q f a l q g r k r v l a l v s v l t x l v l f r v h f h q w r v g h u h d e l d v l r . F r l u h r q k h f l g d f r p r x p d q r y d v h f q r a j l d h p v d g h p h q v l o s r l v s u r s r u l r q d x p d h j s h u q l f d q l f d h h i l f d' s d u d r v s d f l h q v h v, f r p u h v x a l g r v s r v l y r v u h f x s h u d r h e h p - h w a l u h p r f l r q d o

O g l w a l f l d p h q w g r v x r h l w g h v h x s r v h q f l d o f u d m y r h g r p r y l p h q w v a d q v i r u p d g r u f r q i l j x u d p s d w a j l d v d p s a l p h q v h l g h q v i l f d g d v q d f r q v h p s r u d q h l g d g h. T r u q d - v h l p s r u a d q v h r e v h u y d u d p h v p l f h t x h

vh lqwdad qd ylgd gr vxrlw vhp fudvylgdgh qr p xqgr dxdq ghqxfldqgr s dvr σ j ldv, vxd vr ehyly qfld d ghs thw r, vxep lw r d shqvdq hqwr v gh ixj d hp thad r d vh hqiuhqvdu dvlp fr p r yr qvlgd gh ghvvlwugd s u sudyldg (Bduafk, 2021).

Sr p hqv shor dvr fudvylr txh r vxrlw sr ghu ghvhqyr ghuvh gh ir up d vdxg yho h s ur gxvlyd, w u d q d g r - v h s u p r u g l d d i x q r g r e u q f d u q d t h a d r g d f u d q d / d g x o w f r p r v h x p h l r d p e l h q v h , r t x d o q h p v h p s u h v h p r w a d v x i l f l h q v h p h q v h e r p ( W l q q l f r w y 1971/1975). Cr ur er udqgr fr p hwd lghld, thw d a d - v h d d i l u p d r g h Ó d w d y v g d s h u f h s r f u d v y d , p d l v g r t x h t x d a x h u r x w d f r l v d , t x h r l q g l y g x r v h q v h t x h d y l g d g l j q d g h v h u y l y l g d i ( W l q q l f r w y 1971/1975, s. 95). N h w h v h q v l g r , r s u h v h q v h w a d e d d r v h r a w l i l f d s h a d s r w l e d g d g h g h r i h u h f h u h w a d w j l d v g h d x d r h p v d g h p h q v a d o f u d v y d v , v a q w d s u r i l w l r q d l v , t x d q w d r v x v x u r v q r f d p s r g h v d g h p h q v a d o g h v f u v a d v h j x l u

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Ew h h w x g r r f r u h x h p x p k r v s l w d o f r p d h l v r v s d u d l q v h u q d r s v l t x l w l f d , σ f d d " d g r q d f l g d g h g h R l e h l u r P u h w / S P . A l q l f l d v y d v x j l x h p u h v s r w a d x p d u h t x l m r g r v s u r i l w l r q d l v f r q w a d v a d g r v , f r p r s u r s v l w g h g h v h q y r g h u x p d s u r s r w a d g h w a d e d d r i r f d g d q d u i d i l r v r e u h d i h p l q l d g d g h , h p r e v h y q f l d d r " D l d l q v h u q d f l r q d o g d M x d k h u ' .

Fr u d p h a d e r u d g d v 3 w f q l f d v s u r r h v y d v h f u d v y d v s h a v s v l f σ j r v f o q l f r v , p h w a d q g r v s h a d U q l y h u l g d g h P a x d w a d , t x h d x d p f r p e d v h p g l i h u h q v h v d e r u g d j h q v v h u f d v . A v w f q l f d v , g h v f u v a d v d e d l l r , i r u d p h v f r d k l g d v s r u v x d f r q v r d g d r q d d h u d v x u d , s r u p , d g d s v a d g d v h w a d v h j l f d p h q v h s d u d d h v q g h u v r d f l w d r g d l q w l w x l r . A d s d f d r r f r u h x h p g l i h u h q v h v s h u r g r v h v h w u h v g r k r v s l w d o y r a d g d v v s d f l h q v h v h t x l s h s u r i l w l r q d o

d) T f q l f d g d f r a j h p : O l q v x l w i r l i d y r u h f h u d p r e l d " d r s v t x l f d s d u d d f u d r g h x p p d h u d o g h f r p s r v l r y l v x d o v r e u h r i h p l q l q r , d s d u l u g d v h p w l f d Ó t x h v h u p x d k h u i , f r p (6) s d f l h q v h v l q v h u q d g d v , h p x p d v a d l p s u r y l v d g d s d u d d v y l g d g h h s u y d v y d , v h p d f h w r α " v r a d u g h y l g r v r a d q h a d v h u h p y h g d g d v , v l x d g d g h q w r g r f r q v h l w g d l q w l w x l r , f r p g x u d r g h 1 k 30 p l q . A s d u l u g l w r , i r l h q w h j x h (1) f d u w d q d e u d q f d s d u d f d g d s d u l f l s d q v h , v h j x l g r g h r u h q v d h v s d u d d i l l d r g r v u h f r u h v g h u h y l w a d . A v i l j x u d i r u d p d y d g d v m s u h y l d p h q v h u h f r u a d g d v h w a d v y d p g h d v x q v r v g h p d l r u g l y h u l g d g h s r w y h o t x h i r u d p g l v s r w a d h p x p d e d q f d g d s d u d v h d r , r a q v a d p h q v h g h p d h u d l v j u i l f r v ( f r a d , f d q h v l q k d v f r σ u d g d v , o s l v j u d i l v h , o s l v f r σ u g r , e r u d f k d h d s r q v a d g r u ) s r w y h l v d v h u p x l w d " d g r v , s d u d s r w h u r u g l v f x w r h p u r g d g h f r q y h u d h q r p h d r g d s u r g x r d u w w l f d .

e) T f q l f d v h d w a d o q h w a d w f q l f d , r f r u s r i r l l q w x p h q w s d u d d s u r r h r g h h w p x a v h p r f l r q d l v h i h q p h q r v s v t x l f r v . A d s d f d r g d g l q p l f d v h d w a d o f r u h x v h s d u d g d p h q v h s d u d (8) s d f l h q v h v h (8) s u r i l w l r q d l v , f r p g x u d r g h 1 k 30 p l q f d g d , q x p h v s d r d p s a h s u y d v y r q d l q w l w x l r . O v s d u l f l s d q v h i r u d p l q w x g r v d h w a d h p f r p u r x s d v d y h v h a l j d v s d u d g d u d e h u d g d g h p r y l p h q w . A g l q p l f d v h d w a d o i r l h l f x v a d g d g h i r u p d q r - y h u e d o h y h u e d o g l y l g l g d h p 3 s d u h v , d v d e h u 1) T u d e d d r x - v h f r p d v h q v l e d " d r , l q w r v s h f r h f r q v a d v f r q v l j r s r u p h l r g h v h x f r u s r ; 2) P u r s v - v h d r l q g l y g x r , s r u p h l r g r f r u s r , w a d q v l v a d u h i d " h u s h t x h q d v d x d h v l p s u r y l v d r ; 3) D h e d v h x -



vh d h| s h u l q f l d h p r f l r q d o h r v s h q v d p h q w v s u h g r p l q d q v h v h p h u j l g r v g x u d q v h d d s d f d r g d g l q p l f d.

- f) T f q l f d g d f r q w v h u d s l d : h w d w f q l f d i r l x p d s u s r w d d s d u l u g r f r q w h d v s h u f h s h v v r e u h d i h p l q l d g d g h , s d u d (14) s u r i l w l r q d l v , f r p g x u d r g h 1 k 3 0 p l q , h p x p h v s d r d p s o h s u y d m y r . l q l f l r x - v h f r p x p d e u y h g l v f x w r d f h u f d g d v t x h w h v g h j q h u r h i h p l q l d g d g h . E p v h j x l g d , i r l d g r r C r q w g d S f k h u d " d g h h A v M l o h U p d N r l v h v , r f r q w g l " l d t x h , h p x p u h l q r , x p k r p h p w d g r , C k d k " h q , i l f r x g h v l o g l g r s h o l v q d u d m y d v g h w d l h v i h p l q l q d v t x h s u h v h q f l r x h u h v g y h x y l v l v d u v h x l u p r . D h v f r e u x t x h v h x l u p r h u d r x w r k r p h p w d g r , r v x o v r C k d k u d u t x h q r f r q v h j x l x w d q v i r u p d u r v d f r q v h f l p h q w v h p q d u d m y d v , l p s h x p d y l q j d q d f r p r s u r h v r g h v x d y l g d , u h v r g y h x v h f d v d u f r p d v p r d v g d f r p x q l g d g h h d s v d q r l v h g h q s f l d v , p d q g d y d p d w - o l v . U p d p x d k h u S f k h u d " d g h , r i h u f h x - v h s d u d g h v s r v d u r v x o v r , s r l v , y d d h q g r - v h g d v q d u d m y d v , t x l v v d y d u d v x d y l g d h d g d v r x w d v p x d k h u v g d f r p x q l g d g h . L h y d v x d l u p p d l v q r y d , D l q d " d g h h f r p e l q d p , d s v d q r l v h g h q s f l d v , s d u d h o l s h g l u S f k h u d " d g h f r q v d u x p d h w u d d h o l h d r v x o v r . A f d g d q r l v h , d q d u d m y d l q v h u r p s l g d s d u d v h u h v r p d g d q d q r l v h v h j x l q v h , f r p l v r , d h l h f x r g h S f k h u d " d g h d g l d g d p d l v x p d y h " . A h l s u h w r q l o h x p d ' u h p h v h d q r l v h v l q f r q w y h l v h d l q i l q l v d v q d u d m y d v t x h v h h q f d g h l d p , x p d g h q w r g d r x w d , d w w v d d u p l o h x p d q r l v h v h r v x o v r v h d s d l l r q d u s r u S f k h u d " d g h h u h v g y h u g h l | - o l y l y h u ( H l o h v k h l p , C u x " , & R d p r v , 2 0 0 9 ) . A s v d q d u d m y d , i r l s u s r w d x p d u i d h l r x q l i l f d q g r d v l p s u h w h v j h u d g d v d s d u l u g r f r q w h d v s h u f h s h v v r e u h d v s u s u d v i h p l q l d g d g h v , i l q d d " d q g r f r p d p v l f d O r x i h o " , d o j u h h i r u h i g d M d u l d M r q v h .

R h w d o l - v h t x h , g x u d q v h d u h d d " d r g r v h q f r q w r v , r v s u q f l s d l v u h v x o d g r v i r u d p d q r v d g r v , v h j x l q g r p r g h o g h g l u r g h f d p s r . E p v h j x l g d , w g r v r v h q f r q w r v i r u d p w d q v f u l v v , x v l d " d q g r d v d q r v d h v f r p r e d v h . O v u h v x o d g r v h q f r q w d g r v i r u d p g h e d m g r v h q w h r v s h v t x l v d g r u h v / d s d f d g r u h v h v s r q v y h l v , t x d q w d r v f r q v h g r v h p h u j l g r v g r v s d u l f l s d q v h v , r v d o d q f h v h d p l v h v g d v f q l f d v h d v u h s h u f x w h v g d h l s h u l q f l d s d u d r v s u s u r v d s d f d g r u h v . N h w h v d e d d k r , d g l v f x w r f r q f h q w r x - v h q r v u h v x o d g r v y r o d g r v h l s h u l q f l d g h x v l d " d r g d v w f q l f d v .

## A6 f y E O 7 i u x A E y R ' E v O E E A

E p v h u p r v j h u d l v , d v d s d f d h v g d v w f q l f d v f u d m y d v d o d q d u d p f r q n o q v d p h q v h u h v x o d g r v i d y r u y h l v , h p g l i h u h q v h v h q v l g r v : s u r h r g h f r q v h g r v l q v h u q r v , s h u f h s r v r e u h d i h v r v h s h q v d p h q w v v x u j l g r v g x u d q v h d v d s d f d h v , u i d h l r h f r p s d u l d k d p h q w g h s h q v d p h q w v h o n p e u d q d v g h h l s h u l q f l d v s h v r d l v , d v r f l d g d v v h p v l f d f h q w d o d e r u d g d s h o l v w f q l f d v . P d u d g l v f x w r d s u r i x q g d g d g h w h v u h v x o d g r v , v h j x h p d s r q v d p h q w v f r q v l g h u d q g r d q o v h v h s d u d g d s r u w f q l f d .

## A6 6 h w A " w u x u Q A 2 u " y 3

A r o q j r g r v f x o X X , h w d w f q l f d i r l d p s o l p h q v h x v l d " d g d q d d u h v h u d s l d h s v l f r v h u d s l d , h p g l y h u d v d e r u d j h q v v h u d s x v l f d v f r q v h p s r u q h d v . S x d r u j h p q r v h h q f r q w d h p x p d q l f d i r q v h h p d q v h p - v h h p s u r f h w r f r q w q x r g h g h v h q y r o y l p h q w h d s u p r u d p h q w d r o q j r g d k l w u d ( C d u d q r & R h t x l r , 2 0 1 3 ) . D h q w h d v g l y h u d v f r q w l e x l h v l j q l i l f d m y d v s d u d r g h v h q y r o y l p h q w g d w f q l f d g d f r o j h p , g h w d f d - v h d l q f r u s r u d r l q r y d g r u d h f u d m y d u h d d " d g d s r u O d n o l q g h u ( 1 9 8 0 ) h p v x d d e r u d j h p v h u d s x v l f d

f h q w d g d q r f d h q v n . N h w d e r u g d j h p , h q i d w ' d g d d l p s r u w q f l d g d h j s u h w r d y u h f u l d w y d f r p r p h l r g h f r p x q l f d r h p r f l r q d o s d u d d u s u h v h q v d r v l p e d f d g r v v h q v l p h q w v h s h q v d p h q w v h p u h d r d r v h x p x q g r l q v n u q r .

A w l p v h q g r , d w f q l f d g d f r a d j h p d p s a l p h q v n y d a u ' d g d q d l q v n u y h q r f o q l f d , x p u h f x u r y d d r v r t x h s r g h v h u x v d ' d g r s h a d e r u g d j h p s v l f r g l q p l f d f r p r x p d w f q l f d s u r h v l y d , h p t x h k x p d w d q v i h u q f l d g d u h d d g d g h s v t x l f d s d u d r x w r f d p s r , g h y l g r v h x d v s h f w u h y h a d g r u g h f r q v n g r v l q f r q v f l h q v n v ( B r a d l y , 2010 ) .

A r w u p l q r g d d s d f d r g d w f q l f d , i r l v r d f l v d g r d f d g d s d u l f l s d q v n y h u e d d ' d u r f r q v n g r s u r h v d g r q d f d u r d q d e u d q f d s d u d g l v x w r h p j u x s r h q r p h d r g d s u r g x r u h v x a d q v n . F r u d p e r u g d g d v g l i h u q v n v h p v l f d v , f r p f r q w x r l p d j v l f d g d u h d r g r v h u p x d h u f r p r s h u s h w d g r u d g d y l g d d w d y v g d p d v n u l g d g h ; g r v y q f x a v d p r u r v f r p r u h d e d w n f l p h q w d i h v l y r ; g d f r p s u h q v r g h p d l r u d x w f x l g d g r i h p l q l q r ; s u r f x s d r f r p d s h u f h s r g d d x w l p d j h p h v r u r u d g d g h h q v n d v p x d h u v s d u d f r q w x r g h p d l r u h t x l g d g h g h j q h u r , d w r f l d g r s u r s r w d g r h q f r q w r l q v n u y h q v l y r .

D x u d q v n d g l v x w r , i r u d p d y d q v a l g d v s u r f x s d h v u h d y d q v n v r e u h h w w l f d , y q f x a v h v h j x d d g d g h . E w h v v h p d v w r x l h u d p w q d d n p e u d q d v g d v k l w u d v g h y l g d s h w r d o h g r v u h a f l r q d p h q w v l q v n u s h w r d l v g d v s d u l f l s d q v n v , u h w d o u d p h d n p h q w v u h a f l r q d g r v i h p l q l d g d g h , d w r f l d g d d r f x l g d u f x l g d g r , h v s h f l d q p h q v n q r f r q v n j w g r d x w f x l g d g r , d d v n q r r i h u h f l g d d r v i l d r v h r d f r d k l p h q w u h f h e l g r s r u h a v h s r u x d v p h v . A o p g l w r , d v s d u l f l s d q v n v h j s u h w d u d p x p v h q v l p h q w g h f x a d , g h f r u h q v n g h v x d l q v n u x f l r q d d ' d r , h x p g h v n m g h u s d u d u h w d v u h d h v s h w r d l v d s v d d a d .

A w a d y v g d w f q l f d , i r l s r w y h o x v d ' - a f r p r x p p h l r g h d f h w d u r v f r q v n g r v s v t x l f r v a d h q v n v d i l p g h t x h s x g h w h p v h u h f r q k h f l g r v h l q v n j u d g r v d r v h o , h q u t x h f l g r v s h a p r y l p h q w j u x s d o s h a d u n g x r g d u h l w w q f l d , l g h q v l i l f d r f r p d v i d a v h d v u h d h v s u h j l w n q v n v f r p d v r x w d v p x d h u v . A o p g l w r , r v u h v x a d g r v u h y h a d u d p d s u h g r p l q q f l d g h f d u d f v n u w l f d v g h l p d x u d g d g h h l q i d q v d ' d r g r v s u r f h w r v h p r f l r q d l v - d i h v l y r v , f r p r d g l i l f x a d g d g h q r s u r f h w r g h u h f r q k h f l p h q w , u h v s h l w h u h v s r q v d e l d ' d r , l q v n q v l i l f d g r s h a s u r f h w r g h w d a p h q w s v l t x l w l f r d t x h r e v h u y d p r v d i d a d g h h v s d r s d u d f u l d r / w d q v i r u p d r g d v x e r h v l y l g d g h , y l w r d i d a d g h u h f x u r v l q v n u x f l r q d o d q y h o g h f x l g d g r , v h r d s h a j u d q g h q p h u r g h s d f l h q v n v h d v r e u h f d j d g r v s u r i l w l r q d l v , h d q y h o h w x x u d o f r p r i r l s h u f h e l g r s h a d i d a d g h x p d p e l h q v n g h w l q d g r d d v l y l g d g h v v n u d s x v l f d v h u h f u h d v l y d v , s u r s r f l r q d q g r r s r u x q l g d g h v s d u d h j s u h w r , l q v n u d r v r f l d o h g h v h q y r o l p h q w s h w r d o

D h w h p r g r , d x v d ' d r g d f r a d j h p , g l i h u h q v n g d t x h a d f r p x p h q v n h p s u h j d g d q r f r q v n j w g r s v l f r g l d j q w l f r h p t x h r v s u r i l w l r q d l v v r g h v n q w u h v g r s u r f h w r g h d y d d d r , i r l l q y h u l g r q r v h q v l g r g d v s u s u d v s d f l h q v n v u h a d u p v r e u h d v x d v s u r h h v , r t x h u i d n v n p x p d h j s u h w r g r v h o , p d v t x h v d p e p u h i r u p d p d u h d d g d g h g h d o j x p d i r u p d , h p x p s u r f h w r f r q k h f l g r f r p r p x g d q d w d q v x e w d q f l d o E w h s u r f h w r h q y r o y h d w d q v i r u p d r g d u h d d g d g h s v t x l f d h p d o j r q r y r h g l i h u h q v n ( B r a d l y , 2010 ) , r t x h u h t x h u i d j l e l d g d g h q d d s d f d r g d w f q l f d s d u d s h u p l w u d h j s u h w r g h p r g r f u d v l y r f r p r d v p o l s a v u h d d g d g h v s v t x l f d v , v h p t x h r s u r i l w l r q d o v n q k d x p d s u r f x s d r g h q r u p d w l ' d r , g l d j q w l f r , p d v x p d d e h u x u d d t x d l v t x h u p d q l i h w d h v , v h r d p g h l g h l d v , i d q v a l d v , v h p r u h v , f x a d v d v d f r d k h q g r h p x p v h p s r - h v s d r , h p u h i h u q f l d d h w x x u d g d l q v n u x l r , r q g h d v o d q h a d g r f x l g d g r v h d e u w h p i , f r p r r h q f r q w r t x h r f r u h x f r p d v x d v t x h w h v l q v n u d v , h p t x h s x g h u d p v h t x h w l r q d u i d a u h q r p h d u

Nhwh vhqvlgr, ir l hwhqfldodgr r gr sur wlr qdogr hwdgr ghshqvdh qw hp t x h q r v h e x v f r x d s h q d v x p d u s u h v h q v d r l p d j v f d q d f r æ j h p f r p r x p q r u h d g r u g h s h u f h s r h d y d d d r, p d v x p d s u h v h q v f d r. T u d v h g h x p d d e h u x u d s r v h q f l d d g d g h g r h q f r q w r, f r q d q g r t x h r q r y r s r w d h p h j l u g h p r g r t x h r s u s u l r p r y l p h q w g d v s d f l h q v h v f u r x d j r g h q r y r d s d u l u g r g l u h f l r q d p h q w g h æ v p h v p d v, h p r x w r v æ j d u h v t x h q r l q w l x f l r q d d " d g d v, s h u f h e h q g r d v s u s u l d v q h f h w l g d g h v l q v h u q d v, f r p r x p d s r w l e d g d g h g h w d q v i r u p d r s h æ s u s u l r p r y l p h q w.

L r j r, d d s d f d r g d w f q l f d g h w d q r y d p d q h l u d, i r l d s h q d v x p d x | l d d u h p f r q n q w d r s u r w l r q d q h p t x h d r v h u p w d q v i r u p d g r v h x v f r q v h g r v h p l p d j h q v h s u r r h v d g r v q d f d u w d q d, h æ v q r d s h q d v w d q v i r u p d u d p r p d v h u d o y l v x d p d v i r u d p v æ p e p w d q v i r u p d g d v s h æ h | s h u l q f l d g r s u r f h w r, f r p d f r q w l x l r g h x p h v s d r g h s r w q f l d s d u d l p s d f d r g r s u s u l r d x w f x l g d g r.

## Að 6h wÁ'wu hyuíÉú²

P r g h - v h d i l u p d u t x h d d s d f d r g r v h d w r q r x p d d v l y l g d g h q r y d h p l q w l x l h v g h v d g h p h q v e l o J x q w d r v s d f l h q v h v h p u h d e l d v d r t x p l f d, r e v h y d - v h d w f q l f d v h d v u d o v h q g r x v d " d g d g h q w r g h x p f r q n q w g h d v l y l g d g h v d u w l f d v, f r p r d h v l q v h y h q v l y d v. N h w h v a d e d d r, v r u q r x - v h h y l g h q v h, d s d u l u g d v d s d f d h v s u r s r w d v x p d l q w l x l r k r v s l v æ l y r s r v h q f l d o s u r g x v l y r g r x v r g r v h d w r h p s d u l f l s d q v h v h s u r i l w l r q d l v g h v d g h.

N d s u l p h l u d i d v h g h d s d f d r g d v g l q p l f d v v h d v u d l v, q r w x - v h t x h d v s d f l h q v h v p r w u d u p l q v h u h w d q v h v h v x æ d g r v, l q g l f d q g r, s r u p h l r g h j h w r v h p r y l p h q w v f r u s r u d l v, d u s u h v h q v d r g h f r q v h g r v s v t x l f r v, p h v p r g l d q v h g h g l i l f x æ d g h v d s u h v h q v d g d v s r u g l w r f l d h v h h j r v i u d j l d " d g r v. N d v h j x q g d i d v h, g l q d p l " d g d s h æ l p s u r y l v d r, s g h - v h r e v h y d u p d q l i h v d h v g h d q j w l d v, i d q v æ l d v, g h v h m v, u d l y d v h u h p h j v h u q d g d v, g h x q f l d q g r d v l y l g d g h v l q v h u q d v g h w x v l y d v, e h p f r p r v h q v d v l y d v g h v r e u h y l y h u p d r t x h v h q v d p q r g h f r u h u g d v g l q p l f d v v h d v u d l v f r q g x " l g d v s h æ f r u s r. N h w d h | s h u l q f l d, i r l g h j u d q g h l p s r u w q f l d h d s u h q g l " d j h p q r v æ l u d v l x g h l g h r o j l f d g r s v l f æ j r f r r u g h q d g r u g r j u x s r f r q g x r g d v d s d f d h v g d v w f q l f d v, e x v f d q g r h w h r d f d q f h g h u h x æ d g r v h v s h f i l f r v, v h j x l q g r s h q v d p h q w v d y d d d v l y r v g h Ø h u r r x h u d g r î.

O g h v d i l r i r l, h q w r, d s u h q g h u d d s d f d u v h p h | s h f v æ l y d v g h u h x æ d g r v, d i l p g h q r y l u f r u r p s h u s u r s r w d g d w f q l f d h f r p l w r l q x v d " - æ, g l i l f x æ d q g r r m j r v h d v u d o v h u d s x v l f r f r p r l q v h u h u q f l d w d q v i r u p d g r u d, p d q v h q g r - d f r p r d v l y l g d g h d s h q d v g h r f x s d r g h v h p s r (A " h y h g r & M l u d q g d, 2011).

R h i h u h q v h d s d f d r d r v s u r i l w l r q d l v g h v d g h, g r v p h v p r v h j h u f l i r v v h d v u d l v s u r s r w r v v s d f l h q v h v, v x j l x l q v h q v r p r y l p h q w g h l q e l r, s r w l y h q q h v h u h x æ d q v h s h æ p h g r g h h u d u D h w h p r g r, r e v h y r x - v h f r p r l p s r u æ l q v h r f r r u g h q d g r u g r j u x s r s h u f h e h u r v p r p h q w v h p t x h r v s d u l f l s d q v h v h w r h q f d e x æ d g r v h v d e h u d n æ g - æ v, v æ " h q g r - r v q r y d p h q v h d r m j r f q l f r. N r w x - v h d l q g d h q v h d v s u r i l w l r q d l v d d w r f l d r g d v s h u r u p d q f h v u h d d " d g d v g x u d q v h d v g l q p l f d v f r p d v d v l y l g d g h v u l q h l u d v g h v h x v u d e d d r v, f d p l q k r t x h v h p r w r x h w h q f l d o u h v s h l æ u s d u d f r q v h j x l u h p g d u v h j x l p h q w d r m j r v h d v u d o O e v h y r x - v h, d l q g d, t x h, d s h v d u g d h y l v d r h g d v g h i h v d v u s u h w r u d v i r u h p h q v h s u h v h q v h v, d v t x d l v p x l v æ v y h " h v l p s h g l u d p d l p s u r y l v d r, r j u x s r g h s u r i l w l r q d l v v h j x l u d p f x p s u q g r v l p l g d p h q v h d v g l q p l f d v. A g x q v s d u l f l s d q v h v h q f r u d r y d p - v h d r y h u p s h u r u p d q f h v p d l v h | s u h w l y d v g r v f r d j d v. A r w u p l q r g d v g l q p l f d v, r f r u h x r p r p h q w g d g l v f x w r, t x h i r l h | v h p d p h q v h y d d r v r s d u d h w h j u x s r. P r g h u i d æ l u v r e u h

r p hgr gh hudu vr euh r uhfhlr gd h|sr vl r h gd l j lgh" gh vhxv fr p sr u d p hq w v gx u d q v n d v d v l y l g d g h v v h d v d l v u h p h v n x d u h i d | r v r e u h f r p r h w n v d p l v d u p d h | s u h w r g h f r q v n g r v l j q l i l f d v l y r v , x p d y h " t x h v d e l d p r t x h t x h u d p h | s u h v d u p d v q r f r q v h j x l u d p .

Hh u d q d g h v h w d o ( 2 0 1 1 f l v d g r s r u D h w p l q l & R d v h u d , 2 0 2 2 ) g l u d r v d s d f d g r u h v h v n u f r v g d v d g h p h q v d o t x h h w h q f l d o d v n u h p - v h v u h i u q f l d v h | l w h q v n v g h s u r p r r g h v d g h p h q v d o t x h s u r s h p d u l f x a d h v d w d y v g h f r p s h w q f l d v g h d v x d r d w d y v g d d u h , r e v h u y d q g r v x e r h v l y l g d g h v l q j x a d u h v h v x d v h | s u h w l y d v g l i h u h q d v , d i l p g h h y l v u h p f u d u u v x o v n a q w d h w d l r x d t x h a d s r s x a d r .

E q v n q g h - v h s r u h w d r e v h u y d r d l p s r u w q f l d g h r s u r i l w l r q d o g h v d g h p h q v d o q r v d u v h f r p r s d u h g d s r s x a d r d t x d o s u h v n q g h d s d f d u d v l y l g d g h v d w d y v g d d u h , s u h v h u y d q g r - v h g r p h v p r p r g r g h t x d d x h u u r v a d r r x n a j d p h q w f r q w d v l p h v p r , s d u d g h v f r q v x l u v h h d v x d u f r p p d l r u j d q k r v n u d s x v l f r h p v h x v d e d d k r n a q w v r i l f l q d v q d A v n q r P v l f r v r f l d o

D h p r g r t x h , i u h q v n d r g h e d v n t x h i r l j h u d g r d s v d v y l y q f l d v f r p r v s u r i l w l r q d l v g d v d g h p h q v d o r q r f r q v h j x l u i d f l o w x r d k d u s d u d d f r q w x r g d s h u r q d d g d g h g r v s d u l f l s d q v n v h g l v f x v h p v r e u h f r p r r p h l r d p e l h q v n i d p l d d u h v r f l d o h p t x h y l y h u d p , r v l q i x h q f l d u p d x p h w d g r g h h | s h f v a l y d v g x u d q v n d d v l y l g d g h v h d v d o s h u g h q g r - v h g d h w q f l d f u d v l y d ( W l q q l f r w y 1 9 7 1 / 1 9 7 5 ) . E w n p r p h q w i r l v j q l i l f d v l y r s d u d d p s d d u v d o u h i d | r g h v s h u d g d q r j u x s r , f r q v l g h u d q g r f r p r h w n v p h v p r v h d p h q w v v d p e p s r g h p d p l v d u d v d x d h v s u r i l w l r q d l v , h p t x h g l d q v n g r p h g r g h h u d y h q u l n f h p v x d v s u v l f d v .

A s d u l u g h w d g l v f x w r , d v g l i l f x a d g h v v x u j l g d v q d h | h f x r g d v g l q p l f d v w u d d u p - v h h q w r p d w u d - s u p d s d u d d s u h q g l " d j h p , d d d q d g d g h i r u p d y h u e d o h u d f l r q d o f d p l q k r t x h v h p r w w x f r p x p d h w n j u x s r .

## A 6 h w A ' u x u Q A A I A i y E u A ' u

A C r q w v n u d s l d r x T h u d s l d N d u d v l y d v x u j l x q d g f d g d g h 1 9 8 0 , q d A x w u d d h q d N r y d Z h o q g l d , v r e r g h v h q y r q l p h q w g r T h u d s h x v d q h r " h a d q g v D d y l g E s w r q h v h x f r d j d A w l w h q v n S r f l d o M l f k d h o W k l v n . T u d v l - v h g h x p d w f q l f d l q r y d g r u d , x v d " d g d h p s h v r d v g h g l i h u h q v n i d | d v h w u d v ( L h p r v & S l o y d , 2 0 1 2 ) , f r p r s u r s v l w g h h w l p x a d u d d x w u h i d | r , g h i r u p d f u d v l y d , s r u p h l r g h k l w u d v h f r q w v , r t x h s r w l e d v d r u h v j d v n g d d x w q r p l d g r v x r h l w h d f r a d e r u d r s d u d d v x g h v h h q v n q g l p h q w v d e h u d g r u h v , p h d r u d q g r d t x d d g d g h g h y l g d g h t x h p r v r x y h ( N r y l v & A e g d a d , 2 0 1 3 ) .

D h w d i r u p d , r x v r v n u d s x v l f r g d v q d u d v l y d v h w d e h n f h x p d f r q h | r g h f x u d d r v r x y l q v n v r x d h l w u h v , f r p r r e r h v l y r g h s u r p r y h u r h q f r q w r h q w n d v h | s h u l q f l d v k x p d q d v h k l w u d v d v n u u d v , v h d s r u p h l r g d h v f x v d , y h u e d d " d r h f u d r g h k l w u d v , d e u d j h q g r v n p v l f d v f r p r g u d p d v , v x s h u d r g h r e w f x o v h l g h q v l i l f d r f r p r v s h u r q d j h q v h v h x v h q v l p h q w v ( L h p r v & S l o y d , 2 0 1 2 ) , s u v l f d d t x d o d d e r u g d j h p J x q j x l d q d y l v x d d " d f r p r u s u h v h q v d h v v l p e d f d v y l y h l v s d u d h a d e r u d r g r v f r q i d v v h p r f l r q d l v .

C r p r u h v x o d g r v g d d s d f d r g d w f q l f d , s g h v h u r e v h u y d g r h q w n d v s d u l f l s d q v n v x p s u r f h w r g h l g h q v l i l f d r f r p d s h u r q d j h p h s u r n h v , h p h j l q g r v n p d v f r p r l q v n d j q f l d , f u d v l y l g d g h , f r u d j h p , p d q l s x a d r , s h u l w w q f l d , s d f l q f l d , h p s d v d , h v s h u n " d h r x w r v . F r l d s r q v d g r q r f r q w d v r u l g d g h h q w n d v p x d k h u v , s r u p h l r g r v f x l g d g r v g h S k h u d " d g h f r p v x d l u p h f r p d v p x d k h u v g h v x d f r p x q l g d g h .

Ao p glwr , dr der ugdhp vr euh r fr qvñ | w gh wdeddr , r vñp dgdvr u lgdgh vñp e p ir l s huf helgr s uhvqhñ qdylgds hwr doh qd ur vñqdr fxs dñlr qdo Ovs ur ilwlr qdlv uhfr qkhf hudp d lp s r uwqfld gh fr p edñur s uhfr qfhlw fr qwd r v vxv ur v gr v vñyl r v gh vd gh p hqvd p dv hqihqvd p glilfx dgdhv hp dgdur p r v vñqvd hqvr v ghvs hvdgr v qd ixq r . Dh p r gr j hud p lwr thidvñ qd qidvñ lqvñilf hqvñ h lqvñwidwud glp hqv r dihvñd h hp r flr qdot xh vñ p r eld " d s r up hlr gd σ xfxud , r t x h s r gh uhvñduqr dwdvr gh dydq r v qhfhw ur v h vñj qlilf dñyr v (Slp hv hwd , 2013). Oxwv v ghvñilr v lqf α hp : d s uhvñ r gh fxlgdgr v lqvñj udgr v hp xp d der ugdj hp vñuñwud d d d qdgd Rhir up d Pvt xl wñfd Budvñlud ; idvñ gh t x dñilf d r dght x dgd ; uhfxur v p dñuñdvs uhfr ur v h edl | r v dñuñd ur vt xh ghv r vñdp h s uhñglf dñp d hihvñlgdgh gr s u s ur wdeddr (Mhu r p & Cr qvñvñlglv , 2020).

A fr qvñvñuñd s ur s r flr q r x dr v s ur ilwlr qdlv hvs d r v gh thidñ | r t x h v r ixqgd p hqvdv , fr p d r s r uxqlgdgh gh r xylv idvñ lqvñudj luh vñ uhfr qhf vñhp fr qvñj p hvp dv , s hup lñqgr t x hñlqyhqvñvñp vxdv s u vñf dvgl udvfr p r fxlgdgr udvñ f dñvñdgr udvñ d σ xfxud.

Ar xvdur fr qvñ , fr p r hp wfqlf dv s ur rñvñdv , ir l s r wyhohvñp xñud lp dj lqd r h d fudvñlgdgh , do p gh s hup lñudh | s uhv r gh ir up d vñp e dñf d gh s hqvdp hqvr vñ hp r hv . A idñ | l eldgdgh h hñvñl fgdgh gd wfqlf d s ur s flr x r hqfr qvñ fudvñr , hñvñdñudp lqglylxd p hqvñ gh vñ hp j ux s r , lqvñudj lñdp hqvñ vñ h fr p d s vñf σ j d , fr r ughqdg r udgd vñlgdgh.

A surgx r duwñf d h r dñv fudvñr v r ylwr v fr p r p hlr v gh thñ | dp hqvr t x h uhvñehñf hp r ht x loeur hp r flr qdñ s hup lñqgr wñqvñr up d r s hwr dñ dñhgdgh h dxwqr p ld fudvñd . A fr p s uhqv r ghvñvñ hñp hqvr v fr p r vñ α hv hñl f hqvñvñ h fudvñdv s dñd hqihqvñd dgyhñlgdghv fr qvñex l s dñd dñgx r gr vñ idp hqvr s v t x l fr , ghwd ir up d , s dñd ghvñqyr qñhud thvñ d qñld , r lqgly gxr s uhfr ldu hqihqvñd vñ vxgr - lp s r wñeldgdghv h s vñxgr qhf hñlgdghv s dñd t x h r hqihqvñp hqvr vñd s r wyho (Bduñf k , 2021).

A fudvñlgdgh xp d gdv k dñldgdghv p dñv ydñ u " dgdv qdv wfqlf dv s ur rñvñdv , s r lv s hup lñvñ t x h r s dñvñl s dqvñ h | s σ th s r wñeldgdghv , fuh vñ α hv h hqfr qvññ ir up dv glihuhqvñvñ gh vñ h | s uhvdu Dñd . Nlvñ gd Slghñud q r vñ lp s r wñyd t x d qgr r fñhqvñ s lqvñyd , vñ hud er qlvñ r x ihlr , r lp s r wñqvññ hud s dñvdu r lqfr qvñ f hqvññ s dñd r fr qvñ f hqvññ , hvd hñd h , dñgd , xp dñr up dgr fñhqvñ vñ h | s uhvdu dñvñ vgd dñvñ (Mdj dñgl , 2019).

Shqgr dñvp , dv wfqlf dv fudvñdv fr ur er uñp d lp s r uwqfld gdv h | s hñl qñldv dt xl ghvñf uñvñ s dñd d lqvñu r qdv f kdp dgdv Pu vñf dv lqvñj udvñdv h Cr p s dñp hqvñvñ (PICv) qr Slwñp d qlfr gh Sd gh , ghvgh Avñq r B vñf d dr v vñyl r v gh p gñd h dñd fr p s dñ | lgdgh . Av PICS , s r u vñ ydñuñp gh fr qkhf lp hqvr v wñdglfr qdlv h t x h s r ghvñ vñuñd s vñf r v , wp vñgr f dgd yñ " p dñv lqglf dgdv qr v glihuhqvñvñ wñvñp hqvr v gh vd gh , lqf α vñyh qr fdp s r gdvd gh p hqvd (Budvñ 2022).

Dhqvr gr v 29 s ur fhglp hqvr v uhfr p hqgdgr v fr p r PICv , ghwñf dp r v dt xl d Avñvñuñd Id , qd t x dovñ lqvñuñp dv dñvñlgdghv ghvñf uñvñ qhñvñ dñlñj r . Cr p r xp d dñvñlgdgh p lñqdu d dñvñvñuñd Id s r gh vñ gdus r up hlr gh glihuhqvñvñ ir up dv gh p dñlñhñd hv duwñf dv , t x h lqf α hp dv dñvñvñ ylvdñv , p vñf dv , gudp dñvñj ldv , glihuhqvñvñ h | s uhv hv dñvñ uñd vñvñ , s r ghqgr vñlv dñvñlgdghv uhvñvñvñp uhfxur vñ h | s uhvñr v lp s r wñqvññ qd vñuñd s vñf d gh glihuhqvñvñ s dñvñ j ldv , lqf α vñyh qr fdp s r gdvd gh p hqvd Ddgr r uhfr qkhf lp hqvr wñlwr gr vñ vxv ehqñi flr v qr v glyhur v vñvñ uhv gd fr p xqlgdgh , vñlv p dñlñhñd hv duwñf dv s dñvdp d vñ fr qvñvñ lu fr p r lp s r wñqvññ dñdgdv qr vñvñp hqvr vñ ihñf lgr vñ s hñ Slwñp d qlfr gh Sd gh (SUS) (Budvñ 2022).

## B6 QÀÁÊ'xyÉú yÊT'Áu'É

A h| s h d q f l d s u r i l w l r q d o g h v f u l v d , d f h u f d g r x v r g d v w f q l f d v s u r r h v l y d v h f u d v l y d v f r p x v x u r v h s u r i l w l r q d l v g h v d g h p h q v d o f r q i l u p r x v x d h i l f f l d q d h w l p x æ l r g d f u d v l y l g d g h g r v s d u l f l s d q v h v h v h y l u d p f r p r f d v d v d g r u h v h p v l f r v . C r q v l g h u d q g r t x h r s u r s v l w g d f u d v l y l g d g h h w w d j d g r d e h u x u d g d h l l w q f l d h s u r p r r g h v d g h .

Ov h v s d r v f u d v l y r v q d v d g h p h q v d o h r d p e l h q v h i d y r u y h o q r t x d o r v x v x u r v v r v u d v d g r v f r p u h v s h l w h d i h w , s h u p l v h p t x h , d r u h d d " d u h p d d u h v h u d s l d , r f r u d p s u r i x q g r v p h j x d r v q d d o p d k x p d q d ( M h æ , 2015) .

D h w d i r u p d , r v x v x u r v t x h f r q v h j x l u d p h | s u h w d u v x d v h p r h v h v h q v l p h q w v , g x u d q v h r v u d v d p h q w h p v h y l r v g h v d g h p h q v d o o j r r f r q v h j x l u r u h v l j q l i l f d u v h x v f r q i d w v h q t x d q w h w l y h u p l q v h u d g r v , d y l g d i r u d g r k r v s l v d o s v - d o v d , f r p v h x v i d p l d d u h v , q d f r p x q l g d g h , q d y l g d s h w r d o h s u r i l w l r q d o f r q i r u p h s u h f r q l " d d L h l q x 10.216 (2001) ( A p d u d q v h , 2021 ; B u d l o q 2001) .

A v w f q l f d v t x h h w l p x æ l u d p d d s u r s u l d r g r i h p l q l q r e x v f d u d p d p s d d u r f d u v h u g h h v f r d k d v g d v x v x u d v f r p s h u s h f v l y d p d l v s r v l y d v . P r g h - v h s h u f h e h u t x h d v w f q l f d v x v d " d g d v v r g l v x s v l y d v h p u h æ l r d r t x h l p s r w w s h o v p w g r v p d l v h w x v x u d g r v , s r l v h w l p x æ l u d p d h | s u h w r g h h p r h v h v h q v l p h q w v s r u p h l r g d d u h , g r f r u r h g d q d u d v l y d . J r v p w g r v p d l v h w x v x u d g r v v h q g h p u h p l w r h / r x f r q v h q r g r v l q w p d v , s r u p h l r g d v p h g l f d h v h l q v h y h q h v t x h s u r u " d p g l p h q v r e l r o j l f d . P r u l w r , v x j h u l g r r v u d v d p h q w l q v h j u d g r d r v x x u r v g h v d g h p h q v d o E p u h æ l r d r v s u r i l w l r q d l v , v x j h u h - v h d s u r s r l r g h h v s d r v g h f r q y h u d v h u i d h | h v , h p t x h s r w d p f x l g d u g h v x d v h p r h v , h q t x d q w f x l g d p g d v h p r h v g h v h x v s d f l h q v h v .

T d l v s r q w v f r q i l u p d p d l p s r u w q f l d g d v P u v l f d v l q v h j u d v l y d v h C r p s d n p h q v d u h v ( P I C v ) q r B u d l o t x h i d " h p s d u h d v d o p h q v h g h s u r f h g l p h q w v h j x æ l p h q v d g r v s h æ l P r u d u d q x 971 ( B u d l o q 2006) h d e d f d g r v s h o S U S , q r t x d o h w h w d e d d k r s r g h l q v s l u d u q r y r v h w x g r v s d u d s u r p r r , s u h y h q r h l q v h y h q r , d s d u l u g h d e r u g d j h q v g l i h u q v h v , d p s d d q g r r d d d q f h g d v s u v l f d v s u r i l w l r q d l v h g r v f x l g d g r v d v d g h p h q v d o

## fzyÉ ÁwúÉ

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## f yÉÓ3 Á

O wdeddr h didp ddf r qwvwxhp hvihudvp s r uaqvhw gdyldggh xp lqgly gxr h r ghvht xloeur ghvav s r gh r f dvr qdu gliilfxogdghv qhwhv fr qvñ| wv. O s uhvqvh hvxgr, gh der ugdj hp t xdqvwvlyd h gh ghdaqhdh hqwr wdaqvyhudq fr qvñ| lx-vh gh xp d dp r wad gh 218 wdedddgr uhv. O r erhvlyr gd shvtxlv d r l lghqvlif du r s r ghushglvlyr gdvdyd yhlvr flr ghp r j u ilf dv, æder udlv, vr euhf d j d gh wdeddr, dsrlr vrfldo h vdwid r frp d yld qd lqvñud r wdeddr-idp dd h idp dd- wdeddr, s r vlyd h qhj dlyd hp wdedddgr uhv. Fr udp xlvd" dgr v t xdv r lqvwxp hqwr v gh shvtxlv: Qxhwlr q ur vr flr ghp r j u ilfr h æder udp Evf dæ gh lqvñud r Tudeddr-Fdp dd, Sxehvf dælv gh Sreuhf d j d q r Tudeddr h Asrlr S r fldo gd Evf dæ gh Ewuhwr uhv Pvfr vr fldv q r Cr qvñ| w Lder udo h d Evf dæ gh Sdwid r frp d Vldg. A dq dvhgr vg dgr vir l hdd" dgds r up hlr gdthj uhv r dqhdup æls æ. Av ydl yhlv txh h|sdf ddp r v t xdv r prghav s uhglvlyr v ir udp d p dlr u vr euhf d j d gh wdeddr, d idæ gh vx s r uñ vr fldo r p dlr uq yhogh hvfr ældgdgh, d vdwid r frp d yldg, d muqdg d gh wdeddr, d thp xqhud r h vñu idkr v.

**du2uÖÉuÉ5w-uÖy:** wdeddr; idp dd; wdedddgr uhv; hwhvwr uhv r fxs dfr qdlv, dyddd r s vfr o j lfd.

## OvÉÉuÍ

Wr un dqg idp ló fr qvñ| vñ lp s r uaqvws khuv r i dq lqglylgx dæv di h, dqg dq lp edæqf h ehvz hhq vkhv f dq fæxv gliilfxæthv lq vkhv fr qvñ| w. Tk h s uhvqhw vxg', z lvk d t xdqvwvlyh ds s r dfk dqg d fur w-vñv r qdoghvj q, fr qvñ| w r i d vdp s d r i 218 z r unhw. Tk h r erhvlyh r i vkh uhvduf k z dvw lghqvlí' vkh s uhglf vlyh s r z huri vr flr ghp r j uds klf dqg z r un ydlde dhv, z r un r yhuæ dg, vr fldovx s r u y dqg di h vdwidv r q lq z r un-idp ló dqg idp ló-z r un lqvñudv r qv, s r vlyh dqg qhj dlyh, lq z r unhw. Fr xuuhvduf k lqvwxp hqwr z huh xvgh: vkh vr flr ghp r j uds klf dqg z r un t xhwlr q dldh, vkh Wr un-Fdp ló lqvñudv r q Sf dæ, vkh Wr un Oyhuæ dg dqg S r fldo Sxs s r u wSxevf dæv r i vkh Pv fkr vr fldo Svhw r w lq vkh Wr un Cr qvñ| w Sf dæ, dqg vkh Sdwidv r q z lvk Llih Sf dæ. Dæv d qdó vlv z dv s hür up hg xvlqj p xæls d d qhdhuj uhv r q. Tk h ydlde dhv vkdwh| s ællqhg vkh ir xus uhglf vlyh p r ghæ z huh j uhdvhu z r un r yhuæ dg, æfn r i vr fldovx s r u y klj khu d yhor i hgxf dvr q, vdwidv r q z lvk di h, z r un lqj kr xw, thp xqhudv r q, dqg k dylqj fklæghq.

**ZyáUÁÉxÉH** z r un; idp ló; z r unhw; r fxs dvr qdo wwhv r w, s v fkr o j lfd dwhwp hqwr

Pvfr o j d s hæ Uqlyhu lgdgh gr Vdæ gr Tæ xdl. Cr qvæv:  
[vrildsuhwv@xqlyhuwv.xqlydthv.eu](mailto:vrildsuhwv@xqlyhuwv.xqlydthv.eu)

Uqlyhu lgdgh gr Vdæ gr Tæ xdl.  
Dr xw ud hp Pvfr o j ld (Uqlvqr v)

Phvt xlv dgr ud CNPt 1C. Dr xw ud hp Pvfr o j ld S r fldo (Uqlyhu lgdgh gh Sdqvdj r gh Cr p s r vñæ - ES)

**Sx'fÁÉuÉÉAwuxÁH** l d qd qd Cúwld gh S r xvd Bhv ægr h Mdvlqv

**f yv'v'xÁy3** H26/11/2022  
**Ovy'fÁy3** H10/04/2024  
**dÖv2'wuxÁy3** H23/12/2024

**Q'fue** Puhw, S. gh O., Tæxeh, M. E., & Cduw w, M. S. (2024). Puhglv uhv gd lqvñud r wdeddr-idp dd q r fr qvñ| w gds dqghp ld COVID-19. *Mr vdlfr: Ewxgr v hp Pvfr o j ld*, 12(1), 93-106.





Awlp, dexvds hør ht xloedr hqwn r vgr p qlr vgr vdeddkr h gdiðp ðð, t xh m h u d x p ghvdlr s d u d vdeddkdgr uhv h hp s uhj dgr uhv, ilfr x p dlv glwvqvlh gxudqvlh r vñp sr gh s dqghp lð COVID-19, xp d y h" t x h r v vdeddkdgr uhv ir u d p r u h q v l g r v d vdeddkdu glwvqf lð (Ld qgr ðil h w d o, 2021). Mxlvð s h w r d v s d w d u d p d vdeddkduhp vx d v f d v d, s r u y h" h v, h p k r u l r v d o h u d g r v g h y l g r s u h v h q d g h i d p l d d u h v (S s x u n & S w a d x e, 2020).

Nr hqvlqvr, d s h v d u g r h w h h w h j h u d g r s h o r s h u r g r s d q g p l f r, f r p p x l v d r e u j d h v h p s d x v d, d g x q v vdeddkdgr uhv fr qv h x l u d p h q i u h q v l u x p d l q v h u d f h vdeddkr - i d p ð d d s u p r u d g d, m t x h r g l w v q f l d p h q w r f l d o d f d e r x f r p r v o q j r v g h v o f d f h q w r v h r e u j d h v r f l d l v, vñqgr x p d g l p l q x l r q r u l v p r g h y l g d (V d " l u h w d o, 2020). A l q g d, v h j x q g r r v d x w u h v, r vdeddkr u h p r w u h g x " l x d h | s r v l r d s u r e d h p d v h | d f h u e d g r v s h o r o f d o g h vdeddkr, f r p r d u h o l r f r p f r d j d v w | l f r v h d g l p l q x l r g r y r o p h g h d g x q v v l s r v g h vdeddkr.

O vdeddkr k r p h r i i l f h i r l x p d i r u p d g h f r q v l q x d u d v d v l y l g d g h v, x v l d " d g r s r u j u d q g h v r u j d q l " d h v q r s h u r g r g h s d q g h p l d (M r u d h v, 2020). S h, s r u x p o l g r, r vdeddkr u h p r w s r g h s u r s r f l r q d u d g x p d v y d q v l j h q v à f r p r p d l r u d x w q r p l d, i d h | l e l d g d g h h s r w l e l d g d g h g h vñp d l v vñp s r s d u d i l f d u f r p d i d p ð d (G r a g l p & B r u j h v, 2020; R l e h l u r & A q w a q h v, 2021) à s r u r x w r, r f r u h u d p g l i l f x o d g h v g h d g d s v d r, r u j d q l " d r g r vñp s r, l q i u d h w a x w u d h v r e u h f d j d g h vdeddkr (R l e h l u r & A q w a q h v, 2021). A v r e u h f d j d g h vdeddkr g h vñp l q d g d s h o l l q v h u d r g d v g h p d q g d v g d v l u h i d, d v f l u f x q w w q f l d v h p t x h h | h f x v o l g d h d v k d e l d g d g h v, f r p s r u d p h q w r v h s h u f h s h v g r vdeddkdgr u (D I D r p h q l f r & N x w e d x p e, 2008). T u d v l - v h g r h | f h w r g h v l u h i d v t x h r h p s u h j d g r v r d f l v o l g r d g h v h p s h q k d u (F h u h l u d h w d o, 2015).

Nr s h u r g r s d q g p l f r, d o p g d v r e u h f d j d g h vdeddkr s d u d x p d s d u h g r v vdeddkdgr uhv, d u h o l r f r p f r d j d v g h vdeddkr i r l v x e w l a x g d s r u y q f x o v i d p l d d u h v, g l p l q x l q g r r v x s r u h v r f l d o g r j u x s r g h vdeddkr h v o l p e p d v r u h q v l h v g h f k h i l d v (S o l y n r y l f " h w d o, 2022). O v x s r u h v r f l d o h p v l g r g h i l q l g r f r p r x p s u r f h w r l q v h u d l y r q r t x d o d v s h w r d v u h f h e h p g h v x d v u h g h v r f l d l v d x | d r v t x h s r g h p v h u g h q d v a h " d h p r f l r q d o l q w a x p h q v o l o r x i l q d q f h l u d (B r z d a j, 1997), r t x h s r g h i x q f l r q d u f r p r x p i d w u g h s u r vñ r h s u r p r r g h v d g h h e h p - h w a l u g r vdeddkdgr u (B r e e l r h w d o, 2022). E v a x g r u h d d " d g r s r u P a x x w h w d o (2018) u h y h o x t x h r d s r l r v r f l d o g h f k h i l d v h f q n a j h v i x q f l r q r x f r p r v x s r u h g r f r q i d w vdeddkr - i d p ð d h p vñx v u h v s h f v l y r v g r p q l r v. C r q f o h p t x h d d g r r g h x p v l wñp d g h d s r l r v r f l d o g x s o s r g h h i h v l y d p h q vñ u h g x " l u r v h i h l w r v d g y h u r v g d v g h p d q g d v h | f h w l y d v g h vdeddkr v r e u h d h | d x w w r h r f r q i d w vdeddkr - i d p ð d.

O x v a l y d u y h o t x h vñp v h d v r f l d g r u h o l r vdeddkr - i d p ð d d v d l w i d r f r p d y l g d (L d q g r o l h w d o, 2021; R d v a d q l a j v l k & l g u l v, 2024; S n u n d, 2021), g h i l q l g d f r p r x p d d y d d d r s r v l y d t x h d s h w r d i d " v r e u h v x d y l g d j o e d o d y d q g r h p f r q v d s r q w r v h v s h f i l f r v, f r p r r vdeddkr, i d p ð d, u h g h g h d s r l r, v d g h (D l h q h u 1994). E p v l a d h v g h s h u j r g l u h w, l p s u h y l v y h o d f h o h u d g r, g h f d u vñp d v l y r h p x q g l d o f r p r r f r u h x q r s h u r g r s d q g p l f r, d v d l w i d r f r p d y l g d i x q f l r q r x f r p r x p d p r u h f h g r u f r q v a d d v u h d h v q h j d v l y d v j h u d g d v s h o l C O V I D - 19 (T u " h e l v n l h w d o, 2020).

Pho h | s r w r h d r f r q v l g h u d u t x h d j h w w r g d l q v h u d r vdeddkr - i d p ð d x p g r v j u d q g h v g h v d i l r v g d v r f l h g d g h (M r o q d, 2021), h w h h w a x g r vñy h f r p r r e r h v l y r l g h q v l i f d u r s r g h u s u h g l v l y r g d v y d u y h l v v r f l r g h p r j u i l f d v, o l e r u d l v, v r e u h f d j d g h vdeddkr, d s r l r v r f l d o h v d l w i d r f r p d y l g d q d l q v h u d r vdeddkr - i d p ð d h i d p ð d - vdeddkr, s r v l y d h q h j d v l y d h p x p d d p r w a l g h vdeddkdgr uhv. A v a l e h o l 1 d s u h v h q v d v y d u y h l v h p h w a x g r h d v h | s h f v l y d v g h u h v o l g r v g h d f r u g r f r p d d v h u d v u d.

**huvy<sup>2</sup>u:** 6E| s hf vðlydv gh uhvæðgr vs thglvyr v gh p dlr u(+) r x p hqr u(-) lqvñud r wæddkr-idp dð h idp dð-wæddkr.

j uÉ' Öy'É	WT/51	Wh/51	WT/31	Wh/31	f yzyÉ ÁwúÉ
Sh  r					
Fhp lqlqr	+	+	+	+	Cdú w h C p dð (2017) Vdq ghulLs s h Lls s q' l (2020)
Mðvfxðqr	-	-			Cdú w h C p dð (2017) Vdq ghulLs s h Lls s q' l (2020)
Slvxd r fr qmæj do					
Cr p fr p s dqkhlur			+	+	Lds lhuh hwdo(2017)
Shp fr p s dqkhlur	+	+			Lds lhuh hwdo(2017)
Fðkr v					
Slp	+	+	+	+	Rk d xp h (2022); Vd' l u hwdo, 2020)
N r					
Igdgh	+	+	-		Rk d xp h (2022)
N yhogxfðf l r qdo		-			Cdú w h C p dð (2018)
Cdj d kr u ðd gh wæddkr	+		+		Cdú w h C p dð (2018)
Sðwíð r fr p dylgd	-	-	+	+	Dhxv, Sf kp l w h Vhlud (2021)
Fðvð vx s r uñ vr f ldo	+	+	-	-	Cdú w h C p dð (2017)
					Poxxwhwdo (2018)
					Br eelr hwdo (2022)
Str ehf ðj d gh wæddkr	+	+	-	-	Cdú w h C p dð (2018)
					Poxxwhwdo (2018)
					Br eelr hwdo (2022)

**bÁlu.** ITF(-) = lqvñud r wæddkr-idp dð qhj ðvlyd; IFT(-) = lqvñud r idp dð-wæddkr qhj ðvlyd; ITF(+) = lqvñud r wæddkr-idp dð s r vlyd; IFT(+) = lqvñud r idp dð-wæddkr s r vlyd.

## a ÍÀxÀ

### duÉ'wÁuÁíyÉ

Pduwf ls ðuðp gd ðp r wæð, gr vls r q r s ur edelowlf d, 218 wæddkðgr uhv gh xp d hj l r gr Ewðgr gr Rlr Gudqgh gr Sxq s huñqf hqvñv d glyhwr v ðp r v gh ðvlylgdgh. Cr p r f ðwðr gh lqf æv r, ir l xvlð" dgr r vñp s r gh wæddkr gh qr p qlp r t xðv r p hvñv, vñp s r gh lp s ðf w gr v hwñhwr uhv vr eh d vð gh gh ðf r ugr fr p hwægr æ qj l w glqðoðð" dgr s r uSf kr qihæj (1996). A vð hæð 2 ðs uhvqvð ðv f ðuðf vñuwl f ðv vr fl r ghp r j u ilf ðv h æðr uðlv gr v wæddkðgr uhv.

**huvy<sup>2</sup>u ?**. Cðuðf vñuwl f ðv vr fl r ghp r j u ilf ðv h æðr uðlv.

j uÉ' Öy'É	Á	,
<b>gyáÀ</b>		
Mðvfxðqr	53	24,3
Fhp lqlqr	165	75,7
<b>g'fÓu ÀwÁÁ'Ó'u<sup>2</sup></b>		
Cr p fr p s dqkhlur (d)	168	77,1
Shp fr p s dqkhlur (d)	50	22,9
<b>T<sup>r</sup>-ÀÉ</b>		
N r	112	51,4
Slp	106	48,6
<b>TÀÉ<sup>2</sup> u À</b>		
Eqvlqr M glr	50	22,9
Eqvlqr Sxs hñr u	168	77,1
<b>H'ÁÁxy ÓÁwÓ'À</b>		
Eihvyr /CLT	122	56
Axwqr p r	54	24,8

Ewðxwðr	23	10,6
<b>OíÓu A ÁÉAzÉÉ'ÁÁu² Áu duÁxy³ 'u</b>		
Fr up ds uhvqf ldo	102	46,8
Fr up dr q-dq h/r x k eulgd	116	53,2
<b>c vÓÁu yÉ</b>		
Agp lqlwðvyr v/wfqlfr v	75	35,4
Pur ihwr uhv	40	18,9
Pur ilvðr qdlv ðe hdlv	34	16
Ghuhqf ldlv	34	16
Puhwð r gh vhy l r v	17	8
Ewðj l ðr v	12	5,7
<b>S³ ÁÉyÉu xy uíÓu À</b>		
Púydgð	165	75,7
P eðfd	31	14,2
3xvhv u'ONG	13	6
<b>gy"³ yÁíÁxu y³ ÁÉyÉu</b>		
Shuyl r	160	73,4
lqg wðd	32	14,7
Cr p ðflr	26	11,9
	<b>a</b>	<b>Rd</b>
lgdgh	36	12,70
Thp sr gh wðedðr (dqr v)	9	9,57
Cðj d kr u ðd/vhp dqðo	36	13,00
Nº gh ðghudgr v	130	454
Rhp xqhud r	6.736,27	4.716,00

Nr wð. M = p glð; DP = ghvylr -s dgu r

## WÁÉÉÓ³ yÁíÁÉ

A fr ðwð gh gdgr vir l hdd" dgðs r up hlr gh t xðwðr lqwxp hqwr v dxwðs ðf yhlv:

*Qxhwðr q ðr vr flr gh p r j u ilfr* (vh| r, lgdgh, hwðgr flylð ilðkr v, q yhogxf ðflr qðð h æler uðo(f d j r , vhp sr gh wðedðr w vðð vhp sr gh ðwðd r qr hp s uhj r ðwðð f d j d kr u ðd vhp dqðogh wðedðr , thp xqhud r p hqvð p r gððgdgh gd hp s uhvð, vhp p hqwr gd hp s uhvð, vls r gh y qfxø , ir up d gh ðwðd r qd s dqghp lð [uhp r w/s uhvqf lððk eulgr ').

*Evððð gh lqvhuð r Tudeðkr -Fdp ðð à Sxyh' Wr un-Hr p h lqvhuð flr q Nlfp hj hq* (SWING) gh Ghxwð hwðo (2005), dgðs wðgd s dðð xvr qr Buðvlos r uCðwð wð h C p dðð (2014): wðwð-vh gh xp d hvð ððð dxwðs ðf yhot xh vhp fr p r ilqððgdgh dyððdðð lqvhuð r gd thð r wðedðr -idp ðð, fr qvlghudqgr vxð glh r h t xððgdgh hp t xðwðr glp hqv hv: (1) lqvhuð hu qflð qhj ðvlyð Tudeðkr -Fdp ðð (ITF-), (r lvr lvhqv, = 0,89, qhwðh hwðgr = 0,87; w= 0,89), t xh dyðððr lp s ðfw qhj ðvlyr gh vlvðð hv gh wðedðr qr ixqflr qdp hqwr idp lððu(E| . lvhp : vlqw -p h luvðgr hp f d vð s r u f d x vð g d v h | j q f l d v q r wðedðr ), (2) lqvhuð hu qflð qhj ðvlyð Fdp ðð-Tudeðkr (IFT-), (t xðwðr lvhqv, = 0,78, qhwðh hwðgr r = 0,88; w= 0,89), t xh dyðððr lp s ðfw qhj ðvlyr gh t xhwð hv idp lððu hv qr fr qvñ w gh wðedðr (E| . lvhp : vñqr glilfxðgdgh hp p h fr qf hqwðuqr wðedðr s r uhvðus thr fxs dgr fr p xp s ur eðp d q d idp ðð); (3) lqvhuð hu qflð s r vlyð Tudeðkr -Fdp ðð (ITF+), (flqfr lvhqv = 0,80, qhwðh hwðgr = 0,64; w= 0,68), t xh vñ uhuh lqix qflð s r vlyð gh vlvðð hv gh wðedðr qr ixqflr qdp hqwr idp lððu(E| . lvhp : vlqw -p h p dlvðs d" gh lqvhuð j luf r p d idp ðð, dp lj r v h f qm j h s r u f d x vð gr t xh ds uhqgl qr wðedðr );

(4) lqvuuhu qfldsr vlyd Fdp dd-Tudeddkr (IFT+) (flqfr lnhqv, = 0,80, hwxgr r = 0,78; w=0,79), fduf vnu"dgds s h p s dfw sr vlyr qr ixqflr qdp hqw idp lddugh vlx d hvsr vlydv r fr ulgadv qr vudeddkr (E|. lnhp : ghs r lv ghs dwduxp dj udg yhoilp gh vhp d qdfr p didp dd, dp lj r v h f qv h, v l q w p dlv v dlv id r qr vudeddkr). Sxd dyddd r u h d d "dgds r up hlr gh xp d h v f d d l g h i u t x q f l d t x h y d u d g h 0 s d u d Q x q f d i d 3 s d u d Q h p s u h i.

A dq dvh idv udofr qilup dw uld uhyh x t x h d g l v d e x l r h p t x d w r i d w h v d s u h v h q w x q g l f h v v d l w i d w u r v g h d n x w d p h q w ( $X = 94,4; j \alpha = 34 [s < 0,00'; TLI = 0,91; RMSEA = 0,08 [IC = 0,07 \text{ à } 0,12'; CFI = 0,89]$ ).

*Sxehvf d d l v g d E v f d d l g h E w h h w r u h v P v f r w r f l d l v q r C r q v h / w L d e r u d o f r q w w x g d s r u F h u h l u d h w d o* (2015). Av g x d v v x e h v f d d l v w v d d " d p 12 l n h q v: 1. S r e u h f d i j d g h v u d e d d k r (v h l v l n h q v, = 0,71, q h w h h w x g r = 0,77; w=0,78), t x h f r q v l w h q r h | f h w r g h v d h i d v t x h r h p s u h j d g r v r d f l v d g r, s r u y h " h v, d g h v h p s h q k d u (E|. l n h p : v u d e d d k r g x u r s d u d f x p s d u p l q k d v v d h i d v). R h v x o d g r r e v l g r s r u p h l r g h d q d v h i d w u d o f r q i l u p d w u l d d s u h v h q w x q g l f h v v d l w i d w u r v g h d n x w d p h q w ( $X = 20,1; j \alpha = 9 [s < 0,01'; TLI = 0,96; RMSEA = 0,07 [IC = 0,03 \text{ à } 0,12'; CFI = 0,97]$ ). 2. F d o d l g h v x s r u h v r f l d o (v h l v l n h q v, = 0,77, q h w h h w x g r = 0,82; w= 0,84), v h q g r d v g l i l f x o d g h v d g y l q g d v g d i d o d l g h v x s r u h h p r f l r q d o u h f e l g r s h o v f r d i j d v h v x s h u r u h v, q r f r v l g l d q r g r v u d e d d k r (E|. l n h p : q r u h f h e r d n x g d g h p h x v f r d i j d v t x d q g r v h q k r d i j x p s u r e d h p d q r v u d e d d k r). T r g r v r v l n h q v v r d y d d d g r v s r u p h l r g h x p d h v f d d l g h i u t x q f l d f r p y d u d r g h 0 s d u d Q x q f d p h d i h v d i d 4 Q i d u d p h q v h p h d i h v d i. A dq dvh idv udofr qilup dw uld uhyh x q g l f h v d g h t x d g r v g h d n x w d p h q w ( $X = 132; j \alpha = 9 [s < 0,01'; TLI = 0,88; RMSEA = 0,05 [IC = 0,21 \text{ à } 0,29'; CFI = 0,91]$ ).

*E v f d d l g h S d h i d r f r p d V l g d g h D l h q h u h w d o* (1985), d g d s v o l g d s d u d r B u d l o s r u G l d f r p r q l h H x w (1997): r l q w x p h q w f r p s r w r s r u x p d g l p h q v r (f l q f r l n h q v, = 0,86, q h w h h w x g r = 0,67; w=0,72) t x h d y d d d r t x d q w d v s h w r d v h w r v d l w i h l v d f r p v x d y l g d (E|. l n h p : d v p l q k d v f r q g l h v g h y l g d v r h | f h d h q v h v), t x h v r d y d d d g r v s r u p h l r g h x p d h v f d d l l n h u g h f l q f r s r q w v, f r p y d u d r g h 1 s d u d Q i l v f r u g r w v d o p h q v h i d f l q f r Q r q f r u g r w v d o p h q v h i. R h v x o d g r r e v l g r s r u p h l r g h d q d v h i d w u d o f r q i l u p d w u l d u h y h x q g l f h v v d l w i d w u r v g h d n x w d p h q w ( $X = 5,69 [s < 0,00'; j \alpha = 5; TLI = 0,97; RMSEA = 0,02 [IC = 0,00 \text{ à } 0,10'; CFI = 0,99]$ ).

## dÉÀwyx<sup>12</sup> yÁÍÀÊxy wÀ<sup>2</sup>yíu xy xuxÀÊ

A fr d h v l g h g d g r v r f r u h x s r u p h l r g h i r u p x o u r h d h v q l f r f r q w w x g r q d s o l v d i r u p d g h s h v t x l v d *G r r j d h F r u p* v, f r p r Thup r gh Cr qv h q v l p h q w L l y h h E v f o l u h f l g r (TCLE) h p v x d d e h u x u d. O v v u d e d d k d g r u h v t x h d f h l v d u p r f r q y l v h s d u d s d u l f l s d u g d s h v t x l v d v l y h u d p t x h f r q f r u g d u f r p x p f d t x h q r d f h l v h s d u d d s d u l f l s d r g h w d s h v t x l v d. O u h f u x v o l p h q w g r v s d u l f l s d q v h v h g h x s r u p h l r g h u g h v r f l d l v, j u x s r v g h v u d e d d k d g r u h v h h - p d l o. A fr d h v l g h g d g r v i r l u h d d " d g d q r s h u r g r g h 21 g h i h y h u l u r d 17 g h p d u r g h 2021. O v h p s r h w l p d g r g h s u h q f k l p h q w i r l g h d s u r | l p d g d p h q v h 15 p l q x w v. O h w x g r i r l d s u r y d g r s h o C r p l w g h v l f d h p Phvt x l v d g d U q l y h u l g d g h [q r p h r f x o d g r s d u d s u h v h u y d r g d d y d d d r v f h j d v v r e r q p h u r [q p h u r r f x o d g r s d u d s u h v h u y d r g d d y d d d r v f h j d v.

## dÉÀwyx<sup>12</sup> yÁÍÀÊxy uÁ<sup>2</sup>Éy xÀÊxuxÀÊ

Ov g d g r v i r u d p d q d d o d g r v q r s u r j u d p d *S v o l w l f d o P d f n d j h i r u S r f l d o S f l h q f h v*, y h w r 25 (PASW, l q f., C k l f d j r, I L). E w d w w l f d v g h v f u l y d v i r u d p u h d d " d g d v s d u d d y d d d u d t x d d g d g h g r e d q f r g h g d g r v h s d u d f d d x o l u d v i u t x q f l d v, s h u f h q w d l v, p g l d v h g h v y l r v - s d g u r g d v y d u y h l v g h h w x g r.

Það lghqvilfur v s uhlw uhv, ir l udd" dgd dq dvh gh uhj uhv r dqhdup ~~ots~~ al, p w gr *Svhs z /v*. Ov s uhvxs r wv s d d d d q dvh gh uhj uhv r dqhdur u d p vhwvgr v, vhaqr lghqvilf dgr v yd~~u~~ h v d f h l w y h l v g h d f r u g r f r p Flh~~g~~ (2009). O p r g h~~o~~ s u r s r w h w d e h d f h d v g l p h q v h v s r v l v y d v (ITF+ h IFT+) h q h j d v l y d v (ITF- h IFT-) g r f r q i d w w d e d d k r -i d p d d h g r f r q i d w i d p d d -w d e d d k r f r p r y d u y h l v g h s h q g h q v h v (VD), h d v g h p d l v y d u y h l v v r f l r g h p r j u i l f d v, ~~aler~~ u d l v, u l f r v s v l f r v r f l d l v (v r e u h f d j d g h w d e d d k r h i d o d g h v x s r u h v r f l d o h d v d l w i d r f r p d y l g d f r p r l q g h s h q g h q v h v (Vlv).

Ov s u h v x s r w v s d d d d q dvh gh uhj uhv r dqhdur u d p vhwvgr v h i r u d p lghqvilf dgr v yd~~u~~ h v d f h l w y h l v g h d f r u g r f r p Flh~~g~~ (2009). F r l y h u l f d g d d x v q f l d g h p x o l f r d q h d u l g d g h, s r l v w g r v r v y d~~u~~ h v g d v f r u h~~o~~ h v i l f d u p d e d l l r g h 0,61, r v y d~~u~~ h v g h *Vdudqf h l q i a t l r q F d f w u* (VIF) v l w d u p -v h d e d l l r g h t x d w r (y d u d r g h 1,80 d 1,14) h r v y d~~u~~ h v g h w d u q f l d i r u d p l q i h u r u h v d x p (y d u d r g h 0,83 d 1,02). A d q dvh g r f r h i l f l h q v h g h D x u e l q -W d w r q l g h q v i l f r x y d~~u~~ h v s u l p r v d g r l v (y d u d r g h 1,76 d 2,01), l q g l f d q g r , g h w h p r g r , d l q g h s h q g q f l d g d g l w d e x l r h d q r f r u h~~o~~ r g r v u h v g x r v. A g l w w q f l d g h C r r n d s u h v h q v x y d~~u~~ h v g h 0,005 d 0,008, l q i h u r u h v d x p , l q g l f d q g r q r h l l w l u s u h g l w u h v d w s l f r v h x p d g h t x d g r d n w h g r v p r g h~~o~~ v. A v h~~o~~ r g d v y d u y h l v s u h g l w u d v d g r w x r q y h o g h v l j q l i l f q f l d g h s <0,05. N d u h j u h v r , d p d j q l w x g h g r h i h l w i r l r e v l g d s h~~o~~ v f r h i l f l h q v h v g h u h j u h v r s d g u r q l " d g r v h f d d x a l g r v q r p r g h~~o~~ i l q d o g h d f r u g r f r p s d u p h w r v l q g l f d g r v s r u M d u f r (2007).

## f y E O f i u x A E

A v d e h~~o~~ 2 d s u h v h q v d d v s r q v x d h v g d v h v f d a l v , p g l d v , g h w y l r v -s d g u r h y d~~u~~ h v g h d o d g d v y d u y h l v h p h w x g r . O p d l r u q g l f h p g l r g d y d u y h o g h s h q g h q v h i r l r e v l g r q d g l p h q v r I T F (+), v h a q r d p g l d 1,21, h r p h q r u q d g l p h q v r I F T (-), f r p p g l d 0,65.

**huvy<sup>2</sup>u A6E** w d w l f d v g h v f u l v y d v , d o d v g h C u r q e d f k h p h g l g d v g d v h v f d a l v g d v y d u y h l v h p h w x g r .

j u E' Ö y' E	a Á	a u á	S E w <sup>2</sup> u	a	R d
l q v h u d r w d e d d k r -i d p d d q h j d v l y d	0,00	2,38	0-3	0,96	0,56
l q v h u d r i d p d d -w d e d d k r q h j d v l y d	0,00	2,00	0-3	0,65	0,43
l q v h u d r w d e d d k r -i d p d d s r v l v y d	0,20	2,60	0-3	1,21	0,52
l q v h u d r i d p d d -w d e d d k r s r v l v y d	0,00	3,00	0-3	1,47	0,70
S d l w i d r f r p d y l g d	1,20	5,00	1-5	3,34	0,70
F d o d v x s r u h v r f l d o	1,00	6,00	1-6	2,53	0,97
S r e u h f d j d g h w d e d d k r	1,00	6,00	1-6	2,99	1,23

Ov u h v x o l g r v r e v l g r v , s r u p h l r g d d q dvh gh uhj uhv r dqhdup ~~ots~~ al (Tdeh~~o~~ 2), f r q v l g h u d u p d l q v h u d r w d e d d k r -i d p d d h i d p d d -w d e d d k r f r p r y d u y h o g h s h q g h q v h q d v x d v t x d w r g l p h q v h v h f r p r y d u y h l v s u h g l w u d r v g d g r v r f l r g h p r j u i l f r v h ~~aler~~ u d l v , d v d l w i d r f r p d y l g d , d v r e u h f d j d g h w d e d d k r h d i d o d g h v x s r u h v r f l d o A d q dvh g r v s u h g l w u h v g d l q v h u d r w d e d d k r -i d p d d h i d p d d -w d e d d k r v h u d s u h v h q v l g d g h i r u p d l q g l y l g x d o g h d f r u g r f r p d v g l p h q v h v.

A l q v h u d r w d e d d k r -i d p d d q h j d v l y d h y l g h q f l r x x p r g h~~o~~ h l s d f d v l y r f r q w l w x g r s r u t x d w r y d u y h l v , t x h , f r q n x q w l p h q v h , h l s d f d u p 29,9% g d y d u q f l d . R h y h~~o~~ l u d p t x h , t x d q w p d l r u d v r e u h f d j d g h w d e d d k r , d i d o d g h v x s r u h v r f l d o h d m u q d g d g h w d e d d k r , p d l r u d s h u f h s r g d l q v h u d r w d e d d k r -i d p d d q d v x d i r u p d q h j d v l y d . E , t x d q w p d l r u d v d l w i d r f r p d y l g d , p h q r u r l p s d f w g r w d e d d k r q d y l g d i d p l d d u



O þrghæ h|sðfðlyr gd glp hqv r lqvhud r idp ðð-wæddkr qhj dlyd ir l fr qvwx gr sru gxdv ydu yhlv t xh h|sðfðd 28,1% gd ydu qfld. O fr qnæw gdv ydu yhlv t xh h|sðfr x hwd glp hqv r lqglf d t xh t x dqw p dlr uvr euhf d j d gh wæddkr h d idd gh vx s r u h v r f l d o p d l r u d s h u f h s r g h t x h d i d p ð d l q v h u h q h j d l y d p h q v h q r w æ d d k r . A l q v h u d r w æ d d k r - i d p ð d s r v l y d i r l h | s d f d g d s r u g x d v y d u y h l v t x h , f r q n æ v æ p h q v h , h | s d f d u p 7 % g d y d u q f l d : i l d r v h v r e u h f d j d g h w æ d d k r . E w h u h v æ d g r l q g l f d t x h v h u i l d r v h p h q r u v r e u h f d j d g h w æ d d k r d x p h q v æ d s h u f h s r g h t x h r w æ d d k r l p s d f v æ s r v l y d p h q v h q d h v i h u d i d p l d d u A l q v h u d r i d p ð d - w æ d d k r s r v l y d h y l g h q f l r x x p þ r g h æ h | s d f d l y r f r q v w x g r s r u v a y d u y h l v , d v t x d l v h | s d f d u p 7 % g d y d u q f l d . E w h þ r g h æ u h y h æ t x h v h u i l d r v , i r u p d r h v d o u r p d l v h d y d g r v d x p h q v æ p d s h u f h s r g h t x h d i d p ð d l q i æ h q f l d g h i r u p d s r v l y d r w æ d d k r .

**huvy<sup>2</sup>uB6** lqvhud r wæddkr-idp ðd qd ir up d elgluhf l r qdo

j uÉ' Öy'É	d	f ?	u <sup>1</sup> ÓÉuxÀ	P	gS				
<b>WííyÉu À ÁÉuvu<sup>2</sup>-Àzu<sup>3</sup> 2'u Áy" uí"Öu</b>									
Sr euhf d j d g h w æ d d k r	0,48	0,23	0,22	0,17	0,03	0,38	5,87	0,000**	
F d æ d g h v x s r u h v r f l d o	0,50	0,25	0,24	0,12	0,04	0,20	3,17	0,002**	
S d w i d r f r p d y l g d	0,52	0,27	0,26	-0,14	0,05	-0,18	-2,89	0,004**	
J r u q d g d g h w æ d d k r	0,55	0,30	0,29	0,01	0,01	0,17	2,89	0,004**	
F M r g h o				21,900					
<b>WííyÉu À zu<sup>3</sup> 2'uS ÁÉuvu<sup>2</sup>-À Áy" uí"Öu</b>									
Sr euhf d j d g h w æ d d k r	0,48	0,23	0,27	0,14	0,02	0,39	6,29	0,000**	
F d æ d g h v x s r u h v r f l d o	0,53	0,28	0,27	0,11	0,03	0,24	3,87	0,000**	
F M r g h o				40,544					
<b>WííyÉu À ÁÉuvu<sup>2</sup>-Àzu<sup>3</sup> 2'u ÅÄÉí"Öu</b>									
Th u i l d r v	0,24	0,06	0,05	0,22	0,07	0,22	3,23	0,001**	
Sr euhf d j d g h w æ d d k r	0,28	0,08	0,07	-0,06	0,03	-0,16	-2,32	0,021*	
F M r g h o				9,103					
<b>WííyÉu À zu<sup>3</sup> 2'uS ÁÉuvu<sup>2</sup>-À ÅÄÉí"Öu</b>									
Th u i l d r v	0,18	0,03	0,03	0,32	0,10	0,23	3,32	0,001**	
N y h o h g x f d f l r q d o	0,24	0,06	0,05	0,12	0,04	0,18	2,63	0,009**	
R h p x q h u d r	0,28	0,08	0,07	0,31	0,00	0,15	2,30	0,022*	
F M r g h o				6,002					

**b Åíu6**\*s <0,05, \*\*s <0,01

Ov uhvædgr v uhyhæp xp d p d j qlvægh gh hihlv hqv h edl| r h p glr , gh dfr ugr fr p r v s d u p h w r v u h f r p h q g d g r v s r u f l h æ (2009). N h w h v h q v l g r , l q g l f d t x h d v u h æ h v l g h q v l f d g d v q d v g l p h q v h v s r v l y d v g d I T F s r w l y h æ h q v h v æ p e p h w æ d u r s u h v h q v h v q d s r s x æ l r - d g r g r v w æ d d k r d g r u h v .

## R'ÉvÓÉÉ À

O s u h v h q v h h w æ g r e x v f r x l g h q v l f d u r s r g h u s u h g l v l y r g d v y d u y h l v v r f l r g h p r j u i l f d v , æ l e r u l v , v r e u h f d j d g h w æ d d k r , d s r l r v r f l d o h v æ w i d r f r p d y l g d q d l q v h u d r w æ d d k r - i d p ð d h i d p ð d - w æ d d k r , s r v l y d h q h j d l y d h p w æ d d k r d g r u h v . P æ d d d v h q g h u d r r e r h v l y r , r v u h v æ d g r v i r u d p g l v f x v l g r v s d u d f d g d g l p h q v r g d l q v h u d r w æ d d k r - i d p ð d .

A I T F ( - ) i r l h | s d f d g d s h æ p d l r u v r e u h f d j d g h w æ d d k r , i d æ d g h v x s r u h v r f l d o h p d l r u m æ d g d g h w æ d d k r . A p d l r u v d w i d r f r p d y l g d g l p l q x l d s h u f h s r g h t x h r w æ d d k r l q v h u h q d y l g d i d p l d d u Q x d q w v r e u h f d j d g h w æ d d k r , g h i l q l g d f r p r r h l f h w r g h v æ h i d v t x h r h p s u j d g r v r d f l æ d g r d g h v h p s h q k d u ( F h u h l u d h w d o , 2015 ) , s r g h - v h s h q v d u t x h f r p d s d q g h p l d k r x y h x p d p d l r u g h p d q g d g h w æ d d k r d v h u

uhdd" dgr hp f d d h d x p h q w g d m u q d g d g h w a d e d d k r , r t x h i h " f r p t x h d x p h q w a h h w a s h u f h s r g h l q i a q f l d g r w a d e d d k r q d y l g d i d p l d d u r t x h f r u r e r u d f r p r h w x g r g h S f k p l g h w d o ( 2 0 2 0 ) .

O w a d e d d k r u h p r w , g h y l g r s d q g h p l d g d C O V I D - 1 9 , u p s h x g h i r u p d d e u x s w a d i u r q v h l u d v h q w h y l g d s h w r d o h s u r i l w l r q d o w a d d q g r - d v p d l v s h u p h y h l v h f r p p d l r u u l v f r g h f r q i d w v h q w h d y l g d s h w r d o h s u r i l w l r q d o V h u l f r x - v h x p d v r e u h f d j d g h w a d e d d k r w f q l f r , v r e u h f d j d w h f q r o j l f d h x p d x p h q w g d v g h p d q g d v s v l f r o j l f d v h h p r f l r q d l v g r w a d e d d k r ( C k d q h w d o , 2 0 2 3 ) . O h l f h w r g h w a d e d d k r , p x l w a y h " h v d j d g r m u q d g d g h w a d e d d k r , h w w d w r f l d g r d x p h v i r u r i v l f r f r q w a q v h , s r g h q g r j h u d u r f r q i d w w a d e d d k r - i d p d d ( P a x x h w d o , 2 0 1 8 ) . A o p g l w r , d l q v h q v d m u q d g d g h w a d e d d k r s r g h w h u l p s d f d h v q r g h v h p s h q k r g d v i x q h v s d u h q v l l v , e h p f r p r p h q r u t x d d g d g h g h v h p s r s d u d p r p h q w v g h a l " h u r t x h d f d u h v a l , p x l w a y h " h v , d s u h v h q d g r f r q i d w w a d e d d k r - i d p d d ( D h x v h w d o , 2 0 2 1 ) .

A d w a d r s u r i l w l r q d o g h i r u p d u h p r w a l , q d s u s u d u h v l g q f l d , r f d w l r q r x r u h g l p h q v l r q d p h q w h q w h r v g r p q l r v g r w a d e d d k r h g d i d p d d , f r q w l w l q g r x p d d a k d w a x h q d g l w l q r g r v s d s l v f x p s u d g r v h p d p e r v ( R l e h l u r & A q w x q h v , 2 0 2 1 ) . O w a d e d d k r u h d d " d g r h p f d d h l j h p d l r u d l v h q r h q r q h f h w d u d p h q v h u y h u h h p p d l r u v h p s r s d u d g h g l f d u v h i d p d d , r t x h s r g h v h w d g x " l u q r v h q v l p h q w g h t x h r w a d e d d k r h w l q v h u h u l a g r q d v x d y l g d i d p l d d u P r u r x w r a l g r , d v d w i d r f r p d y l g d g l p l q x l d s h u f h s r g h l q v h u h u q f l d g r w a d e d d k r q r f r q v h l w i d p l d d u u h v x a l g r v a l p e p h q f r q w a d g r s r u M d u h w d o ( 2 0 2 1 ) . T u d e d d k d g r u h v t x h w p p d l r u f r q w r d h g r w a d e d d k r s r g h p v h u p d l v f d s d " h v g h f r p e l q d u v x d y l g d s u r i l w l r q d o h i d p l d d u h , h p a l p d d q d v h , h w a l u p d l v d l w i h l w v f r p v x d y l g d j h u d o ( L d q g r o l h w d o , 2 0 2 1 ) .

R h v x a l g r t x d q w I F T ( - ) u y h o x t x h , p h g l g d t x h d x p h q w a d v r e u h f d j d g h w a d e d d k r h i d a d g h v x s r u h v r f l d o p d l r u d s h u f h s r g h t x h d i d p d d l q v h u h u h q h j d w y d p h q v h q r w a d e d d k r . A r f r q v l g h u d u r f r q v h l w s d a g p l f r , s r w y h o v x s r u t x h r v w a d e d d k d g r u h v , g h i r u p d l p s u r y l v d g d h u s h q v l q d , v l y h u d p t x h d a h u d u v h x a f d o g h w a d e d d k r , w a l o r x s d u l d o p h q v h , s d u d v h x d p e l h q v h g r p w l f r . A v g h p d a g d v h h l j q f l d v i r u d p p x a l s d f d g d v , d m u q d g d g h w a d e d d k r q r v h y h x p d f a l u d g h p d u f d r v h p s r u d o ( A u d m & L x d , 2 0 2 1 ) . O w a d e d d k r u h d d " d g r h p f d d h l j h p d l r u g l v l s d a d h d x w q r p l d , r t x h q h p v h p s u h s r w y h o t x d a g r d v g h p d a g d v g r p w l f d v h i d p l d d u h v h v r e u h s h p .

Q x d q w i d a d g h v x s r u h v r f l d o g h i l q l g r f r p r g l i l f x a d g d h v s u r y h q l h q v h v g d i d a d g h d x l d r u h f h e l g r s h o v f r d j d v h v x s h u r u h v , q r f r v l g l d q r g r w a d e d d k r ( F h u h l u d h w d o , 2 0 1 5 ) , w a d e d d k d u h p f d d s u r p r y h d g l p l q x l r g r f r q w a l w s h w r d o g l u h w h g l u r f r p s d u h v h v x s h u r u h v ( R d i d a m l & D h A a g u d g h , 2 0 1 5 ) . E p f r q g l h v w a x d h q v a l f r p r d s d a g h p l d , r d x l d r g d r u j d a l " d r w a d d - v h p h q r v g l v s r q y h o h r v w a d e d d k d g r u h v s u h f l v d p f r q i l d u h p v h x v s u s u r v u h f x u r v l q v h u q r v ( l h g h d v h w d o , 2 0 2 2 ) .

A v g l p h q v h v e h q i l f d v s d u d r w a d e d d k d g r u q d I T F ( + ) i r u d p h l s d f d g d v s h a l v y d u y h l v v h u i l d k r v h p h q r u v r e u h f d j d g h w a d e d d k r . P r g h - v h s h q v d u t x h , q d p h g l g d h p t x h d f d j d g h w a d e d d k r g l p l q x l , r s d u l f l s d q v h g l v s h g h p d l v v h p s r s d u d d i d p d d h d y d d d h w d u a l r f r p r s r v l v y d . Q x d q w d r u h v x a l g r g h v h u i l d k r v l p s d f w a l u s r v l v y d p h q v h q d u a l r w a d e d d k r h i d p d d , u h v x a l g r v a l p e p h q f r q w a d g r h p h w x g r v g h C d u w h C p d u d ( 2 0 1 7 ) h V d " l u h w d o ( 2 0 2 0 ) , d a d d v d g r m a q v a l p h q v h f r p r u h v x a l g r d a q v h u r u h w h f r q i l u p d h w x g r g h M l a n l h h w d o ( 2 0 1 0 ) , r t x d o u i h u h t x h d t x d q v l g d g h g h v h p s r f r p r v i l d k r v , t x d a g r g h p d q h l u d l q v h u d v y d , l p s r w a l q v h s d u d r v v h q v l p h q w v g h v x f h w r q r h t x l o e u r h q w h w a d e d d k r h i d p d d . V l y q f l d v h d s u h a g l " d j h q v g h v h q y r g l g d v q r f r q v h l w g r w a d e d d k r a f r p r f r p s u r p h v l p h q w f r p v a l h i d v , d w x q r g h u h s r q v d e l d g d g h v ,

kdeidgdghvvr fldlvhj hwwr gr vnp sr à dx| lddp qr sds hos dvhuqr /p dvhuqr (Mdxqr hwdó, 2011), r t x h fr qilup d t x h r hqut x h f l p h q w fr j q l v y r s r g h v x j l u t x d q g r d v k d e l d g d g h v h s h u s h f v l y d v d g t x l u g d v h p x p s d s h o s u r p r y h p r g h v h p s h q k r h p r x v r . E l s h u l q f l d v s r v l y d v q r v d e d d k r v r v d q v i h u l g d v s d u d r f r q v h l v r i d p l d d u i d f l d v d q g r r g h v h p s h q k r f r p r f q n j h r x s d l / p h (Guhhqkdxv & Prz hœ 2006).

A IFT (+) d x p h q v d h p s d u l f l s d q v h v f r p i l d r v h f r p i r u p d r h v d o u r p d l v h d y d g r , r t x h u y h d r l p s d f w s r v l y r g d i d p d d q r p e l w g r v d e d d k r . A v l p f r p r q d d q d v h d q v h u r u r i d w g h v h u i l d r v j h u d d s h q g l " d j h q v l q v h s h w r d l v l p s r u d q v h v , t x h s r g h p v h u v d q v i h u l g d v s d u d r f r q v h l v r g r v d e d d k r , u h v x o d g r v d p e p h q f r q v d g r s r u v d " l u h w d o (2020). A i r u p d r , s u r y d y h q h q v h v d p e p d v r f l d g d d v d o u r v p d l v h d y d g r v , s r g h h v d u h d a f l r q d g d l q f h u h " d h f r q p l f d j h u d g d s h d s d q g h p l d , t x h d p h d r x d h q g d g r v v d e d d k d g r u h v (Shugdur j α, 2021), r t x h i h " f r p t x h d h d y d r g d h q g d i x q f l r q d w h f r p r i d w u s u r v h y r q d l q v h u d r g d i d p d d f r p r v d e d d k r . G u h h q k d x v h P r z h œ (2006) g h w d f d p d l p s r u w q f l d g r v u h f x u r v p d v h u d l v , f r p r e h q v r x u h f x u r v i l q d q f h l u r v , s d u d p h d r u d g r g h v h p s h q k r h p g l i h u h q v h v s d s l v .

## QÁÁWÓÊ À

A d q d v h g r v u h v x o d g r v s h u p l v k f r q f α l u t x h d v l q v h u d h v q h j d v l y d v v d e d d k r - i d p d d h i d p d d - v d e d d k r d s u h v h q v d p f r p r s u h g l w u h v d p d l r u v r e u h f d j d g h v d e d d k r , d i d o v d g h v x s r u h v r f l d o d p h q r u v d l w i d r f r p d y l g d , d p d l r u m u q d g d g h v d e d d k r . A v l q v h u d h v s r v l y d v i r u d p h l s d f d g d v s r u v h u i l d r v , p h q r u v r e u h f d j d g h v d e d d k r , p d l r u i r u p d r h v d o u r p d l v h d y d g r .

D h w d f d - v h t x h , g h q v h d v y d l y h l v h l s d f d v l y d v , d v r e u h f d j d g h v d e d d k r h w h y h s u h v h q v h h p d p e d v d v l q v h u d h v , s r v l y d v h q h j d v l y d v , u y h d q g r d l p s r u w q f l d g h x p d d g h t x d g d f d j d g h v d e d d k r s d u d r f r q i d w h h q u t x h f l p h q w i d p l d d u O x v r s r q w d v h u g h w d f d g r q r s u h v h q v h h w x g r d s u h v h q d g h i l d r v h l s d f d q g r d v l q v h u d h v s r v l y d v g r v d e d d k r h i d p d d h g d i d p d d h v d e d d k r , h p e r u d d d v h u d v x u d , s r u y h " h v , d s r q v h r f r q v a u r , g h t x h v h u i l d r v w p l p s d f w s d u d r f r u w q f l d g r f r q i d w i d p d d - v d e d d k r .

C r p r i r u d v g r s u h v h q v h h w x g r , g h w d f d - v h r x v r g h x p p r g h o v h u f r f r q v l v h q v h h d f h l w q d f l r q d o h l q v h u q d f l r q d o p h q v h , d v l p f r p r l q w x p h q w v y d d g d g r v s d u d r f r q v h l v r q d f l r q d o w g r v g h u l y d g r v g r p r g h o v h u f r x v d " d g r . O h w x g r , w g d y l d , d s u h v h q v d o g x p d v d p l w h v t x h g h y h p v h u f r q v l g h u d g d v q d d h l v x u d g h v h x v u h v x o d g r v . U p d g h d v v h x g h d q h d p h q w v d q v y h u d o t x h l p s h g h d l q i h u q f l d g h u d h v f d x v d l v . O x w d d h j l r q d d g d g h g d d p r v w d l q y h w l j d g d , s h u h q f h q v h d x p d h j l r g r h w d g r g r R S , f r p f d u d f v h u w l f d v f x o x u d l v g l w l q v d v g d v g h r x v d v h j l h v , q r v r p h q v h q r s u s u l r h w d g r , p d v d p e p g r s d v . A g l y h u l g d g h g h f d j r v v d p e p s r g h h l h u f h u d o g x p y l v g h u h v x o d g r v , f r q v l g h u d q g r d v h v s h f l i l f l g d g h v i x q f l r q d l v h r u j d q l " d f l r q d l v . T d p e p v h g h y h d s r q v d u r e d l l r s r g h u h l s d f d v l y r g d v g x d v g l p h q v h v s r v l y d v g d l q v h u d r v d e d d k r - i d p d d . D h w d f d - v h , d o p g l w r , r h i h l w g h g h v h d e l d g d g h v r f l d o v h q g q f l d d p r v w d u x p d l p d j h p p h d r u d g d g h v l p h v p r , t x h s r g h r f r u h u h p v h p d v t x h h q y r o y h p d v s h f v r v s h w r d l v , f r p r d u d h d r v d e d d k r - i d p d d . P r u i l p , l p s r u d q v h u h w d o u t x h r v u h v x o d g r v r e v l g r v u i d v h p d v l q v h u d h v i d p l d d u h v g x u d q v h x p s h u r g r d w s l f r : r g d s d q g h p l d C O V I D - 1 9 .

P h o h l s r w r , v x j h u h - v h d u h d d " d r g h q r y r v h w x g r v s v s d q g h p l d , f r p d p r v w d v s u r e d e l o w l f d v h g h g h d q h d p h q w o q j l v x g l q d o p l w r g h p o l s a v i r q v h v , d i l p g h d p s d d u d f r p s u h q v r g r v s d g u h v l q v h u d f l r q d l v h q v h i d p d d h v d e d d k r s d u d p h d r u f r p s u h q g h u f r p r h w d v u d h v v h g h v h q y r o y h p d r o q j r

gr vhp sr. Prgh-vh surs ru hwxgrv txh lqf xdp r xwv ydu yhlv s d d d x p h q v u d y d u q f l d g r p r g h o g h  
s u h g l r , f r p r v h p s r g h x q l r f r q n a j d o t x d q v l g d g h h l g d g h g r v i l d k r v , q y h o v r f l r h f r q p l f r i d p l d d u s r w x l u  
d x | d r s u i l w l r q d o s d u d d v d v l g d g h v g r p w l f d v , v d l w i d r f r q n a j d o d x w h i l f f l d , v d l w i d r q r v d e d d k r ,  
g h q v h r x w v d .

C r p r d h v s d u d s u v l f d , v x j h u h - v h t x h d v r j d q l " d h v g h v d e d d k r e x v t x h p d y d d d u s h u l g l f d p h q v h  
d l q v h u d r v d e d d k r - i d p d d , v x d v y d u y h l v s u h g l w u d v h s r w y h l v l p s d f w v s d u d d v d g h g r v v d e d d k d g r u h v .  
l p s r u d q v h s u r s u f l r q d u d h v y r o d g d v s d u d r g h v h q k r g r f d j r d i l p g h h y l v u d v r e u h f d j d g h v d e d d k r h  
v h q v l e d " d u r v v d e d d k d g r u h v s d u d r v d e d d k r h p h t x l s h f r p r r e r h w y r g h d p s d d u h t x d d i l f d u r d s r l r v r f l d o  
A o p g l w r , v x j h u p - v h d h v g l u h f l r q d g d v f r q v f l h q w " d r g d l p s r u w q f l d g d u h d r v d e d d k r - i d p d d h y l f h -  
y h u d , l q g l f d q g r v h x v u l f r v h e h q h i f l r v .

## f yzyÉ ÁwúÊ

Dvř a /MIP 1i j / ( Qz f /L1-5354, 1R ywř qrt r z i t z Oj u f w h f x f y wř qrt vř r t y t s t h t s y j S y t i f u f s i j r r i i j F R Y L G O  
4 < 1 U j / r x y f E v r x q j n v i j V f i j R h z u f h r t s f q 7 9 j 5 : 1 m y u x 2 2 i S 1 t r t w 2 4 3 4 8 < 3 2 5 6 4 : 0 9 6 9 < 3 3 3 3 6 3 : 5 3

D s x f w V I D 1 - 5 3 4 4 , 1 j s i j w i r k j v j s h j ~ t v p f s i k f r r d h t s k a n y f s i k f r r d t v p h t s k a n y 1 S f v z r x y t E z x s j x x U j / r j ~ /  
4 6 5 , / 6 4 8 0 6 6 4 1 m y u x 2 2 i S 1 t r t w 2 4 3 4 4 ; : 7 : 2 4 7 7 : 0 < 8 3 : 2 F J S 2 j 3 9 3 6 2 7 5 6 < 8

E f v j y y / U I F V ( K ' i j / M V 1 - 5 3 3 4 , 1 Z t r j s / r j s / ~ t v p f s i k f r r d = D s j S u f s x r t s x y n j t w 1 D r j v h f s S x ' h n t q l r x y /  
8 9 4 3 , / : ; 4 Q < 9 1 m y u x 2 2 i t r t w 2 4 3 4 3 6 : 2 3 3 3 6 0 9 9 [ 8 9 4 3 1 ; 4

E t g g n t / D Y F f s t | f / O i ( P f s l f s j a p / D P 1 - 5 3 5 5 , 1 R w f s r f y n t s f q ~ t v p O n t r j h z q z v j f s i r x y v d y n t s x ~ r y m y n j ~ t v p O  
k f r r d r s j v f h j f s i j r u d ' j j x ) x z g o h y l j ~ j a q j r s l 1 D u u q i U j x j f v h n T z f a y O h j / 4 : / 5 < 6 6 0 5 < 9 9 1  
m y u x 2 2 i t r t w 2 4 3 4 3 3 : 2 x 4 4 7 : 5 0 8 5 5 0 4 3 3 7 : 0 ~

E t w r f s s / O O / U f y f ' / S V ( O f r u j w y W I - 5 3 4 < , K j f g n O j d j i h t s x j v z j s h j x t k ~ t v p O k f r r d h t s k a n y k v r f H z v u j f s  
u j w u j h y l j = v j x z q x t k f x h t u r s l v j | r j ~ 1 / v r s y j v x r s S z g a n K j f g n r : / 4 ; < 1  
m y u x 2 2 i S 1 t r t w 2 4 3 4 6 ; < 2 k u z g m 5 3 4 < B 3 4 ; <

E t ~ a p l / D 1 - 4 < < , 1 P j f x z v s l n j f g n r D v j / r j ~ t k v z f a y t k a j r j f x z v j r j s y x h f q x R u j s X s t j v x y 1

F f v q y j t / P 1 V Y ( F r f v i / V I J 1 - 5 3 4 7 , 1 W i z t / f i f u y f t j j S u d w t i j u v r u v j i f i j x u x r h t r y w h f x i f H k h f d  
l s j w t W i g f a n t O f r a p Q r o j s + Z L Q J , j r z r f f r t x y v i j u v r k j x t v j x g v i x q j n v x 1 / k y z i t x i j S x r h t q l r i  
- O f y f q / 4 < 5 4 3 0 5 4 9 1 m y u x 2 2 i t r t w 2 4 3 4 8 < 3 2 4 7 4 6 0 5 < 7 [ 5 3 4 7 3 3 3 6 3 3 3 3 9

F f v q y j t / P 1 V Y ( F r f v i / V I J 1 - 5 3 4 : , 1 S v j i r y t v j x r s i r i n z f r x j t h z u f h r t s f r x i f l s j w t W i g f a n t O f r a p j l f r a p O  
W i g f a n t 1 S x j s h r i 1 U j / r x y f O y s t f r j v h f s f i j F j i s h r i S x r h t q l r h f / < / 4 0 4 5 1  
m y u x 2 2 i S 1 t r t w 2 4 3 4 8 ; : 5 2 u x j s h r i 2 < 4 5 5

F f v q y j t / P 1 V I ( F r f v i / V I J 1 - 5 3 4 ; , 1 Z t v p O k f r r d r s j v h y n t s x f r t s l k j r f q j y f h n j v x ~ t h r t O j r t l v r u m h v d g t z w  
f s i u x ' h n t x t h r i q u v j i r h y t v x 1 l x z j x r s H i z h f y n t s f q U j x j f v h n r 5 ; + , / ; : 3 0 ; 6 1  
m y u x 2 2 ~ ~ ~ h j v t w f z 2 h v s ; 2 h f v q y j t l u i k

F n f s / [ 1 Z V n f s l / V Y E w z l n S V Z r a p s x t s / D Y ( Q z / F 1 T 1 - 5 3 5 6 , 1 Z t v p O j f s i F R Y L G 4 < f v r u n v j | r j ~ f s i u v h y n t f q  
v j h t r r j s i f y n t s x k v y n j u t x y u f s i j r r h ~ t v p u d h j 1 D x r i S f h r h n M z v s f q t k K z r f s U j x t z v j x / 9 4 5 , / 5 8 : 0 5 : 9 1  
m y u x 2 2 i S 1 t r t w 2 4 3 4 4 4 4 2 4 : 7 7 0 < 7 4 4 5 6 8 8

Gjzx/P 1G1i j/Vhm ry"/P 1Hli j VV( Yri nvi/P 1O1-5354,1l fr qfi/l sjwj d wfi f i j ywfgqnt =z r f vj| r x t xxyj r yrhf  
i j qvj vryzv1 Jj vrx= Uj/rxf Lsj vs xynzhntsfq i j Sxht q l ri/ 474,/ 405; 1  
myux=2i S1 t r t w 243 695< 2 j vrx535447j 48: 38

Grijsj w/HV Hr r tsx/U1D1V Gvxs/U1M( J vks/V1-4<; 8,1Vhj xfyxlfhynts ~nymqj xhf q 1 Atzvsfqt k Sj vxtsfq/  
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Grijsj w Hl -4<<7,1 Hq grijsj xfw xzgg ylt 1 Lsj vjshns Sxht xt hrf q 6/ 9: 04461  
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GrGtr jsht/DY( Qzxxgfzr g/P 1D1-533; ,1Lsj vhyhj j k j hyx tkum xhf qfsi r j syf q~t vq fi ts xzgg hyhj  
~t vq fi fxxj xrr jsyl Lsj vsf yntsfq Atzvsf q tk Lsizymf q Hwtstr rhx/ 6;/ <: 0<; 61  
myux=2i t r t w 243 43492j wts 533: B4B45

Ij vjrv/P 1FYP rqt syg/WO/Vr qf/DIS1F1l j vrsi j x/K1D1V Dq j n f/VISV( P j s i t s hf/K1-5348,1Hhf q uf vrf f qfi t  
i j j xyj xxt vjx uxht xht hrf xst ht syj Syt qgt vqht xynv t j j n shrf x i j | f qfi j j 1Sxht q l ri=Uj k j S t j  
Fvyrhf/5; /673067<1myux=2i t r t w 243 48<3249: ; Q 486 53485; 547

Iri q /D1-533<,1Gj xht gwa i t f j xfyxrhf zxf s i t t VSWB Sj sxt Hi ryt v1  
J fgrs vV( V f q xrx V1-534<,1Z t vq f r r q r syj v f xj f s i d g u j v t w fshj =d g xfyxlfhynts f x r j i n y t w Atzvsfqt k  
Sx' hnt q l rhf q Uj xj f vhm/3485,/69071myux=2i t r t w 243 638972u v 4r 5 957

J j zvx/V1D1H/VV vx/WZ YNtr unj wP 1D1M/Gppj vx/MV1H/VYfs Ktt k/P 1O1P V( Nrs szs j s/X1P 1-5338,1Z t vq ntr j  
rsj vhynts kvr f ~t vq ux' hnt q l rhf quj vxuj hyhj =i j j q ur j syf s i | f qfi ynts tkf sj ~ vzj xnt s s f r vj/yri  
VZ IQJ 1Z t vq f s i Vjvxx/4<7,/64<066<1myux=2i t r t w 243 43: 32359: ; 6: 383374353;

J r i htr ts r F1K1( Kzy'/F1V1-4<<,1Dr jsxzhjt it gjr Q xfwzgg ylt =j xhf q i j f k j y t u t x y h t j s j l f y h t j  
j xhf q i j xfyxlf h t i j | n f 1ls=Ds f r x [ [ YL f t s l vjxxt Lsj v r j v h f s t i j Sxht q l ri =u1646,1V t S f z q =V1S1  
Jtsim /VV( Et wj x/O1R1-5353,1Vh s rhf i t x j xj synt x i t ywfgqnt i t ntr j q k h j =j x f k x u f v r f v j l z q t  
j r t h n s f q R v j s y f j x y h s r h f x u f v r t ywfgqnt i j u x r h q l f x j u x r h q l t x s t h t s y j S y t i f h v x j F R Y L G 0 4 < 1  
Fj syvri q j Ftsy i t i f F t | n 0 4 < 0 V E S R W i myux=2i ~ ~ ~ k g u t y t w t w s t y h r f x 2 r f j v i q v i s y f h t j x O t g w 0  
ntr j q k h j q j S y t x 0 t q t q r j 0 4 2

J v j s n f z x / M K V ( S t ~ j q j 1 Q 1 - 5 3 3 9 , 1 Z n j s ~ t v p f s i k r r q f v j f q n x f y n j t w t k ~ t v p q f r r q j s v h m r j s y l D h f i j r '  
t k P f s f l j r j s y U j / r j ~ / 6 4 4 , / : 5 0 < 5 1 m y u x = 2 u x ' h s j y f u f t w 2 i t 2 4 3 6 6 3 : 2 5 3 4 8 < 4 ; 9

Kzr umjy' /U1KYP rft/FV( V r q w / D 1 - 5 3 5 7 , 1 Z t v p q f r r q j s v h m r j s y = S v r x u j h y x k t w b n f s h r s l U j x j f v h m / D x m p f s f x ' /  
Q P V W r y n / D F 1 ( K z r u m j y ' / U K 1 - H j H t y n s r s R w f s r f y n s x U j x j f v h m t s H t y n s r s R w f s r f y n s x / Y t q  
4< / H r j w q S z g a x m s l O n r y j i / Q j i x u u 1 4 8 8 0 4 : ; , 1 m y u x = 2 i t r t w 2 4 3 4 4 3 ; 2 V 4 : 7 9 0 < < 4 5 3 5 7 3 3 3 3 3 4 < 3 3 ;

Nt xj p/H1HVSj w h r s t / P V ( U t h p / D 1 J 1 - 5 3 5 4 , 1 l v r r n i j f q ~ t v p j v x y t n i j f q ~ t v p k t w f q D 8 3 0 j f w j | r j ~ r s j l v r y s l  
h f v j v f s i ~ t v p q f r r q v j x j f v h m ~ r y m f k z y z v j v j x j f v h m f l j s i f 1 A t z v s f q t k Y t h f y n s f q E j n f / r t w 4 5 9 / 4 3 6 8 3 7 1  
myux=2i t r t w 243 43492j q 5353 436837

Cs i t q / D 1 E f v r y z h h r / P V G j U t x f / D 1 Q S v j x y n / D 1 - 5 3 5 4 , 1 V h j f x x t h r f y n s t k a g f s i k r r q v x t z v h j x f s i i j r f s i x  
~ r y m q j x f y x l f h y n s y m v z l m ~ t v p q f r r q g f q s h j = f q s l r y z i r s f q x y z i ' f r t s l l y f q n s x h n t t q j f h n j w i z v s l  
y n j F R Y L G 0 4 < u f s i j r n 1 E j n f / r t v f q V h j s h j / 4 4 / 4 6 9 1 myux=2i t r t w 243 66<32gx44433469

Qfujj wj/OIP YOr] YN~fs/KINJ] vjjs nfxz/MK YGrlj s"t/P IVY( Vnft/S1-634; ,IDr jyf fsfdxxxtkymj fsyj hjij syx  
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Gf|fxfxs|NIP Y( P t|f n j i |E1-6347,1G|j|q ur j s y x r s y n j t v j x f s i r j f x z v j x t k ~ t v p d f r r q v j d f y n t s x m u x ~ k v r  
h t s k a n y t g f d f s h j 1 F t s y r u t f w U j x j f v m t s R w f s r f y n t s P f s f l j r j s y f s i D i r i s x y f y n t s / 5 4 , / 9 0 4 < 1  
m y u x ~ ~ ~ l w j x j f v m f y b j y 2 u z g a n f y n t s 2 5 9 ; 5 4 7 4 9 7 d G j | j | q u r j s y x d r s d y n j t v j x d f s i d r j f x z v j x d t k d ~ t v p  
d f r r q d w d f y n t s x m u x d k v r d h t s k a n v d t d a f d f s h i

P f w n / P Y w i t w | n / U ( s n f w n / M 5354, 1 U j d y n s x g j y ~ j j s ~ t v 0 d j h t s k m y / a g x f y n k h y n t s f s i d j x f y n k h y n t s  
f r t s l m h n j w j i z h f y n t s q h y z y w 1 P f s f l j r j s y M z w f q k l v z x f s f g g E z x s j x x f s i P f s f l j r j s y l t a y n t s x  
s H j w / s l / H t t s t r n x / 594, m w u 22 S l t r t w 24318 < 82 f s f l j r j s y l t s 5354 B33:

Pfwht/M-533: 1Ds *axjxyfxywhf htr zymffh tit VSW-61i 11H m jxVdqt1*

P f y r i x / P 1 ( l t s y f r s j / D I P 1 - 6 3 4 5 , 1 D h t s h r o f i t i j u f u r x u w k x x r t s f r x j k r r o f i j x = t r j h f s i x r t u x m t q l m t i j x u m o j i w S x h t q l r i f i t w f i j S j x v z x f / 5 ; - 5 , 5 6 8 0 5 7 7 1 m y u x - 2 2 t r t w 2 4 3 4 8 < 2 3 4 3 5 0 6 : : 5 5 3 4 5 3 3 3 5 3 3 3 4 5

Pfzst/VNrszsj/s/X1( Ufsyfsjs/P 1-5344,1Z twpkr rđ htsknyfsi js vhm jsyfsi uj vñ hji mfgm t jxy uj  
tkkfr rđ r fwy v B l fr rđ Vñhjs h j /5/40451 mwux-22 t r t w 24343: 324<757953 5344 8: 8<3:

P rəpɪ /P 1D1/ Nj si h /V1P YQr fl zhmx/ N1P Y( Gj ss' /NIH1-5343, 1Wt j ~ rymhmqj wjs/hmqj wjs)x ~ j qj rsl /fsi ~ t v p0  
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P t w j x t s / l 1 S Y P r h n j q W ( O z / G 1 - 5 3 4 8 , 1 H j s y x ' x j r y m t w - f s j j s y o w j s y i f u u w f h m y t y m t w f s r f y n s f q x h n j s h i x 1 D h f i j r ' t k P f s f l j r j s y U f / n ~ / 7 3 / 8 4 8 0 8 6 : 1 m w u x - 2 2 u x ' h s i y f u f t w 2 t n 2 4 3 8 7 9 8 2 f r w 5 3 4 5 B 3 <<

P t w j x / P 1 P 1 5353, 1 R x m u f h y x i f u f s i j r n f u f w t y w g f a n i t w j x z f x v y d j x h t r t y w g f a n t 1 D y r j i H i r y t w l  
R g v j s t | m / E 1 M i s l z t / G 1 N m z i f ' p z q | / D 1 ( N m f s / P 1 D 1 V 1 5353, 1 Z t w d f r n d F t s k a h m u f h y t s u x ' h m t q l m f q  
x f k j y f s i u x ' h m t q l m f q ~ j q g j s l = f d g u j w w f s h j r t i j d / w s y j w s S x ' h m t q l ' / 44/ 7: 81  
m y u 22 51 t r t w 243 66: < 2 u x ' l 5353 B37: 8

S ɣ̃w"/MS1-534: ,1Vfɔi t hz ufhntsfq' uxht q l f-è Tzt | fi ɔB Uj/ɔxf Fzgf sf ij Vfɔi ' Wf gfa/4: 4, /9: 0 61  
mɣux-22~ ~ r i n h v f u m h t r 2 u i k 2 w | h z q x f g w f 2 h x 534: 2 h x 4: 4 r u i k

Sjnywr t sfht /S1UY( R|j wq Q1F1-5353,1Duudrs| wdynt sxmu xhjshj yt j|f qfj nt ~ ymj FRYLG04<ufsi jr rh  
r f' m ufhyht zug x) wdynt sxmu x1Dr j whfs Sx' hnt q/ xy/40461myu-22 S1 trt w 243436: 2r u3333: 47

Sqzy/KYlqix/UyFzwjz/SIOV( Ozj/11-534; ,1vt hnf qzuut wyfyt wpsf fymtr j =Gzf qgz kj vs l j kj hyx rs ynj ~t vq0  
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nyux=22 t n w 24343492d qni u 534; B5B34

Ufysfsrs l xmr/L1\_Y( li vx/P 1D1-6357,1xumq||j vhwxt|j wj kj hytk~tvckr rj rs yj vfhj = x'xyj r fym w| nj ~1/Vj  
lfr rj ldxsfq3-B,1myux22 t nt w 24344: 243997; 3: 574559: 3<

Uf k q p n M F Y ( G j D s i w i j / D 1 O I - 5 3 4 8 , 1 K t r j R k k h j = f x u j h y t x j S u q w y w x i t y w g f a n t f u f w y w i j h f x f 1 / 1 1 / r f x j r  
S x i n t q / n i / 5 6 5 , 1 7 6 4 0 7 7 4 1 m y u - 2 2 S 1 t r t w 2 4 3 k ; ; 2 0 5 3 4 8 5 0 4 7

Um fzt j /D1-5355,1Mtg hnf vfhj vxythw/jr tyntsfqj Snfzxynt s/fsi ~tvpOf r rđ ht skahyrs szwj x1Zj xyj vs *Adzvsfqt k Qzvxrs/ Uj xy fvhm/779,187; 08891myux-221 \$1 t r t w 243 14: : 234<6<78<544338: 45*

Urogj nv/P 1P V( Dsyzsx/P 1K1-5354,1Uj uj vhxzx jxit ntr j t kthj stxhtsyj Sytxit ywfgqnt j if kfr qf=vj|rx t rsyj l vryhf 1Qt/f Sj vxuj hyrf Vxy r rhf/63+3,14605; *1myux-221 \$1 t r t w 243 16: 3672s ux| 63n 3 03:*

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Vq|pt |rh/P VVxyjst |rh/VYEz l fvah/P 1-5355,1Uj r tyj ~tvp~~sl~~ kt wczxyf rsfgr~~ny~~ tkt wfsrfynts izvsl ynj FRYLG04< ufsi jr rh= ynj r jiriyt v~~0~~ tijvryt w wq tk xthrfq xzuut wyl Vzxyf rsfgr~~ny~~/ 47/ :31 *myux-221 t r t w 243 66<32z 473433: 3*

Vhmri n/OIZ t'v/MKf sp/NVf ~fy' p~~0~~EY( Z f qj wV1-5353,=fnfslj xrs jr uq'r j syf si vjdynt sxmu xfyxkf hynt s rs ynt j x tk ynj FRYLG04< ufsi jr rh=j|n jshj k~~0~~r ynj Jjw fs kfr rđ Sfsjd H~~0~~wujfs Vt hrij yj x1 *myux-221 t r t w 243 13: 32479499<9 5353 14: 696: 8*

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Vj wfwl q /P 1-5354,1Gjjj w rsfsyx tk ~tvpOf r rđ ht skahy rs ynj ht syj Sytk ynj FRYLG04< ufsi jr rh1 V~~0~~zi rh *Gt hyt v~~0~~qf 1Sx' hnt q l' fsi H zhfyntsf qVhijshj /454,1530671myux-221 t r t w 243 17: 3732xi 33333: 9*

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Vuzvp/GY( Vywz g/F1-5353,1l qj Srogj jr uq'r j sy vjdynt sxmu x fsi hf vj vx rs ynt j x tk ynj FRYLG04< ufsi jr rh 'H r y t v~~0~~q l *Adzvsfqt kYt hf yntsf qEj n f / r t w 44<myux-221 t r t w 243 134920q 5353 136768*

Wvj gn xpr/MFfgf xpr/P V( F"fv~~0~~j hpf/M\_1 -5353,1Uj fhynt sy ynj FRYLG04< ufsi jr rh=ynj rs k~~0~~jshj tkr j fsrl rs qj/qj xfyxkf hynt s/fsi fxxzr uynt sxts ~t~~0~~ w t w j v~~0~~ps j x fsi ut xnyth' 1*Adzvsfqt kQxxfsi Wfzr f/58/90 : /877088: 1myux-221 \$1 t r t w 243 13: 3248658357 5353 14: 983<*

Wnt stz/W( Nt sxyf sy ut z q x/Q1-5348,1Whj htr uqhf ynt s x fsi hnf qj slj x tk ynj ~tvpOf r rđ rsyj vfhj =f vj| rj ~ ufuj wSwthj i rh *OVt hrfqsi Ej n f / r t v~~0~~qVhijshj x4: 8/93308<81myux-221 t r t w 243 134920q xuv 5348 B4 14575*

Yfi | rđ | rh~~0~~zx/ W ( Vy q t p~~0~~jsj / D1 -5353,1H n jshj Qg fxi u~~0~~vhythj x yntfy i j f q ~nym ~tvpOf r rđ ht skahy fsi j s vhmri j sy=x' xj r fyth qj vryz vj vj| rj ~1Yj w~~0~~fx=Vj t v~~0~~ r nsv~~0~~pyrpf 2Ez xrs j xx=Vhij t w fsi Sv~~0~~hythj /545,1; 530 ; 591*myux-221 t r t w 243 16: 792gyu 5353 145585*

Yfs i j wOuu j /W( Ouu s' r l\_1-5353,1Ej 't si kt w f qf h h j xx=R wfsrfyntsf qht syj Sy/~tvp~~sl~~ k~~0~~r ntr j /fsi ~tvp~~0~~ kfr rđ ht skahy tkr js fsi ~tr js rs H~~0~~wujfs ~tvp~~0~~q h j x1 *Vt hrfq l si rhfyt wUj xy f vhm/ 484/6; 607351 myux-221 t r t w 243 133: 2x44538084: 04<<604*

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Yry v~~0~~/E1ij D V Urogj nv/P VV( Ffvf qnt /Y1V1-5355,1Whj ~tvpOf r rđ rsyj vfhj fsi ynj FRYLG04< ufsi jr rh=D x' xj r fyth vj| rj ~1/ *vrs yj vrs Sx' hnt q l' /46/<477: 71myux-221 t r t w 243 166; <2kx' l 5355 k477: 7*

Z fsl /S1-5353,1Ujhtsxnj vsl ynj ht yxfsi gj sj kyx tk~tvpj sl fl jr j syts ~tvp Q fr rđ syj vhynt s fsi yzvt |j w  
syj synt s= ynj fsj hj i syx fsi tzyhtr jx1 Ftr r zsy / Z tvp ( l fr rđ / 565, / 55705791  
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kvr ~tvp/ fsi ~tvp Q tr j ht skny= ~nfy htr jx kwy izvsl ynj q hpi t ~sB1 Fzwy sy Sx' hnt q / '1  
myux=2i t r t w 243433; 2x4547708550867<505



# f S\_Ohc RS SI dSf WbQWHDOb \_WJS Rc df c QSggc RS Oi hc b c a WORS

## i gi fWgRSi a QOdg

[ SHULQFHUHSRUWQDQ VLVRI VKHDXWRQRP ] SURFHVRI FDSVXVHV

O" ufu SxÓuÉxu P"WyÉfÀ U"2 4f uzuy<sup>2</sup>u xy UÀxÀ" dAAÍyÉ 4h"u" À VÓ<sup>3</sup> vyÉfÀ f ÀxÉ" ÓyÉf Àw-u

Gudxdqgdgr fxwr gh Pvlfrσj ld shæ Uqlyhuwlgdgh Fhghudogr Tù qj xσ Mlqlur - UFTM. Cr qvæw: [g201720383@xivp.hgx.eu](mailto:g201720383@xivp.hgx.eu)

Gudxdqgdgr fxwr gh Pvlfrσj ld shæ Uqlyhuwlgdgh Fhghudogr Tù qj xσ Mlqlur - UFTM.

Pvlfrσj r, Pvlfdqddwæ, Drxwru frp gxsælvæwæ r hp Pvlfrσj ld Srfldo(USP-SP) hshæ Uqlyhuw gh Rhqqhv2 (Rhqqhv- Fudq d). Purihwr uAgnæw gr Dhsduæp hqwr gh Pvlfrσj ld gd Uqlyhuwlgdgh Fhghudogr Tù qj xσ

**Sx'fÀÉuÉfÀwuxÀH**ldqd qd Cúwldq gh Srxvd Bhurægr h Mdulqv

**f ywv"xÀy<sup>3</sup>** H09/01/2024  
**Owy'fÀy<sup>3</sup>** H02/04/2024  
**dÓv<sup>2</sup>wuxÀy<sup>3</sup>** H20/12/2024

**Q'fue** GløA. E. B., Pr qvæw, R. gh G., & Rr fkd, T. H. R. (2024). Rhæw gh h|shu qfld: Aq ðvgr surfhwr gh dxwqr p ldgh vx urvgh xp CAPS. *Mr valfr: Evægr vhp Pvlfrσj ld*, 12(1), 107-116.

### f yÉÓ<sup>3</sup> À

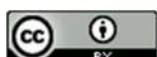
Ashvdu grv dydq rv gd Rhirup d Pvltxl wlf d eudMðluð, dlqgd k su vlf dv p dqlfr p ldv dlv dv. Dhv d ir up d, hwh Rhæw gh h|shu qfld sur ilwlr qdovhyh r r erhvlyr gh dqdðvdufr p r rv thvt x flrv gdv su vlf dv p dqlfr p ldv dlv dv dv dv dv d dxwqr p ld gh vx urvgh xp Chqwr gh Avhæ r Pvlfr wr fldo(CAPS) qr lqvhu r gh Mlqdv Ghudlv. Fr uðp ihlvævdq ðvhvgr vgl urvgh fdp sr gh hwwj lr uhdd" dgr v qd lqvhu r. Nrwx-vh txh rv vx urv vlqkdp xp d ir uwh ghs hqg qfld grv vhuyl rrv ihlvægrv shæ CAPS h s r x f dv d hv gd lqvhu r txh hwl p xælvhp d dxwqr p ld p dlv hihvlyd ghwhv vxrhvæ. Præwæw, r hwwgr hylghqflrx d qhfhwlgdgh gd lqvhu r sur pr yhu d hv p dlv hvs hf ilf dv txh s r wælvhp d lqghs hqg qfld ghwhv vx urvfr p r flgdg rv.

**du<sup>2</sup>uÓÉuÉw-uÓy:** Sd gh p hqvædf hqwr gh dvhæ r svlfr wr fldo dxwqr p ld; RAPS.

### OvÉfÉwí

Dhvs lvh vkh dgydqf hv ri vkh Bud"lddq Pv fklwæf Rhirup, vkhu duh wæwdfvlyh dv æp s udf vlf hv. Tkxv, vkls ur ihwlr qdoh|shuqfhuhs r uwdlp hg wæwæw d qdó "hkrz vkh thp qdqwr ri dv æp s udf vlf hv furvgh vkh dxwqr p' ri xvhu ri d Pv fkr wr fldo Cduh Chqwu(CAPS) lq vkh lqvhu r ur i Mlqdv Ghudlv. Aqdó "hv z huh p dgh ri vkh lqvhuqvks ilhæ gldlv khæ dwækh lqvhu r q. l wæwæw dv qv vng vkdwækh xvhu kdq d wæwæw ghs hqghqf h r q vkh vhuylf hv ri iihug e' vkh CAPS dqg ihz dfvlr qv ri vkh lqvhu r q vkdwæwæw xælvng vkh pruh hiihf vlyh dxwqr p' ri vkhv vxerhf wæwæw. Tkhuhiru, vkh wæwæw' klj kðj kvng vkh qhng iru vkh lqvhu r q wæwæw sur pr vhp r uhs hf ilf dfvlr qv vkdwæwæw vkh lqghs hqghqf h ri vkhv xvhu dv flw'hqv.

**ZyáUÀÉxÉH**hqvæwæwæw; s' fkr wr fldo f hqvhu dxwqr p' ; RAPS.



## WÍÉÁxÓ À

A Pr ovífd Ndfírqdogh Sd gh Mhqvdo(PNSM), lqvwx gd s hæl Lhl qx 10.216/2001, t xh dwhj xud "r v gluhlrv h d s u r vñ r g d v s h v r d v d f r p h v l g d v g h v d q v r u q r p h q v d d, i r l u h v x o d g r g r v p r y l p h q v r v f r q v d r v l v h p d p d q l f r p l d o d v d y t x h j d q k d u d p i r u d f r p d t h i r u p d s v l t x l v l f d q r B u d v l o E w d t h i r u p d i r l s d x v d g d q d P v l t x l d v d g h p r f u v l f d, q d A q v l s v l t x l d v d h i x q g d p h q v d g d s h æ l f r u h q v h l v d d q d B d v d j d d q d, t x h t x h w l r q d y d "d q d v x u d d g d g h g r s u r f h v r t x h u g x" d o x f x u d g r h q d p h q v d d (E p p d q x h o T d x u r & F r v f d f k h v, 2018, s. 96) h u h i d v d r e u h f r p r h w d v l q v l w x l h v w p d x v d g d g h g h "s h u s h v x d r h p d q x v h q r g r v y d o u h v f u d g r v h g h v h p l q d g r v s h æ l f æ d v h g r p l q d q v h" (P d v r v, 2018, s. 14). T d o u h i d h l r h y l g h q f l d d i r u h l q i x q f l d g r f r o q l d d v p r s d u d d s h u s h v x d r g r u d f l v p r q d f r q v l w x l r h w v x v u d o v r f l d o e u d v d h l u d, r t x h, f r q v h t x h q v h p h q v h, u h i d v h q d v l q v l w x l h v g h v d g h p h q v d o (P d v r v, 2018; P d v r v, 2019), j h u d q g r x p u h f r u h g h f r u d d g r v x v u r v g r v C A P S, f r q i r u p h u h æ v d g r s r u P d v r v (2018). D h v d i r u p d, i l f d h y l g h q v h d f r p s d h l g d g h g d u h i r u p d, t x h, f r q f r p l v d q v h d r v p r y l p h q v r v u h i r u p l v d v, g h x r u j h p v v d q v i r u p d h v q d v s r o v f d v s e d f d v g h v d g h p h q v d o h f r q v l e x l x s d u d d f u d r g h s u v l f d v v x e v l w x v l y d v g h v d v d p h q v r v d r v v x r h l w v h p f r q g l h v f u q l f d v g h v r i u p h q w h p v d g h p h q v d o (S d q v l q & K æ l i n h, 2011; A p d u d q v h, 2007).

E w h v v x r h l w v, q r p e l w g r S U S, u h f h e h p d v h q g l p h q w q d R h g h g h A v h q r P v l f r w r f l d o (R A P S), t x h r i h u h f h x p f r q r x q w g h g l i h u h q v h v h y l r v q r v q y h l v g h: d v h q r s u p u d v d g h, d v h q r h v s h f l d d "d g d, d v h q r v x j q f l d v h p h j q f l d v, d v h q r u h v l g h q f l d o g h f d u v h u v d q v l w u r, d v h q r k r v s l v d æ l u h h w v d w j l d v g h g h v l q v l w x f l r q d d "d r h u d e l d v d r. T r g r v, h p f r q r x q w, f r q v l w x h p x p d u h g h g h f x l g d g r g h d f r u g r f r p d v q h f h w l g d g h v g r v x v u r v h s d u d v h x v i d p l d d u h v. A v s r u d v g h h q v d g d s d u d h v d u g h v r r v v h y l r v g h d v h q r e v l f d, g h x j q f l d h h p h j q f l d, h r v C h q w r v g h A v h q r P v l f r w r f l d o (C A P S) (M l q l w u r g d S d g h, 2017).

O v C A P S v r v h y l r v g h s r u d d e h u d t x h r i h u h f h p d r v x v u r v d v h q g l p h q w v f o q l f r v h g h u h d e l d v d r s v l f r w r f l d o g x u d q v h x p s h u r g r, g h d f r u g r f r p d q h f h w l g d g h g r t x d g r f o q l f r. N h w h s u r f h w r, r v x v u r v q r v r d i d v d g r v g h v x d i d p d d v q h p g d f r p x q l g d g h, r t x h i d y r u h f h r i r u d d f l p h q w g h w h v y q f x o v, f r q v l e x l s d u d d g l p l q x l r g h l q v h u q d h v h s d u d r h l h u f f l r g d f l g d g d q l d g h w d v s h w r d v, d v d y v g d l q f æ v r q r v g l y h u r v p e l w v v r f l d v, f r p r q r u h v u q r d r p h u f d g r g h v d e d d r, h p d w h p e d h d v f r p x q l w u d v, s d u l f l s d r h p p r y l p h q w v v r f l d v, s r o v f d v g h v x e y h q r g h e h q h i f l r v h p d v l y l g d g h v g h æ "h u O f x s d q g r h w h v h v s d r v, s r u d q v r, h v s h u d g r t x h r x v u r f u l h x p d u h g h g h d s l r s d u d d f d q d u d x w q r p l d (C r q v h d r F h g h u d o g h P v l f r o j l d, 2013; B u d v l o 2004; E p p d q x h o T d x u r & F r v f d f k h v, 2018; S d q v l q & K æ l i n h, 2011; S d q w v h w d o, 2019). D h d f r u g r f r p d d q d v h g h E p p d q x h o T d x u r h F r v f d f k h v (2018) v r e u h d r e u d g h C d w r u d g l v (1987), x p l q g l y g x r d x w q r p r f r q v h j x h p x g d u g h i r u p d o f l g d, v x d y l g d, p h v p r t x h h d h q r s r v d f r q w r o -æ l s d q d p h q v h.

P r u d q w r, h v d u g h, v h j x q g r Y d v x l, L x "l r h A p d u d q v h (2018), q r g h y h h v d u d p l v d g d h v h h v j r v d u d s h q d v h p v x d l p s d h p h q v d r f r p r x p v h y l r d v l y r, s r l v l v r u h i r u d u d d l g h l d g h A p d u d q v h (2007), A g r h v (2022) h B r q j l r y d q q l h S l o y d (2019) g h t x h, g h w h p r g r, r v v h y l r v v x e v l w x v l y r v p d q v h u d p d j x q v l g h d l v p d q l f r p l d v, f r q v l e x l q g r s d u d f r o f d u r v r i u p h q w s v t x l f r h p h y l g q f l d h q r v d v d u r x v u r f r p r x p v x r h l w g h v h q w u g h v x e r h v l y l g d g h, f r p s r v h q f l d l v l q g l y l g x d l v d v h u p g h v h q y r q l g r v (A p d u d q v h, 2007). D h v d

ir up d, d hgx r gr vxrlw dr vhx vr iup hqw p hqwdogllfxod t xh hñ thfr ued d s ur rhw v gh vxsr uñ s dud  
dñdq duvxd dxwqr p ld, xp dyh" t xh "d dxwqr p ld gr vxrlw v s r gh vhudlaj lgd qd ir up d gh xp s ur rhw  
vr fldð (Ep p dqxhøTdxur & Fr vf df khv, 2018, s. 102). Pr uedqwr, fr p r thir u d Pdwr v (2019), d fxud gr lqgly gxr  
vh g dwdy v gh xp d uedqv ir up d r qr p hlr t xh r fhuf d; hñ q r h| lwn vhp d vr flhg dgh y lf h-yhuw. Ip s df d  
qr s ur fhwr gh fr qwx r gh xp lqgly gxr dxwqr p r dr ddhq -ø hqt x dqwr vxrlw hp vr iup hqw p hqwd  
dilqdø "d dxwqr p ld v s r gh vhudlaj lgd qd ir up d gh xp s ur rhw vr fldð (Ep p dqxhøTdxur & Fr vf df khv, 2018,  
s. 102).

Prwudqwr, r v vhuyl r v vxewlvxlvyr v ghyhp gdu s r v hqflddgdgh dr v ghvhm v h fudvlylgdgh gh vhxv  
xvx ur v s d d t x h h d v f r q v l j d p v h u f r q v r d h v r e u h v x d v y l g d v, y l v x d d " d q g r d v d g h f r p r x p d p d q h l u d g h  
s u r g x r g h y l g d (Y d v x l, L x " l r & A p d u d q w, 2018). A o p g l w r, g h y h p h j s d q g l u r f x l g d g r v d e d d d g r q r v C A P S  
s d d r x w r v h u l w u r v d d d q d g r v s r u h w h v x v x u r v, f r p r v x d v f d v d v, h v f r o l v h e d l u r v h p t x h f r q y l y h p .  
D h v d i r u p d, h w h p r y l p h q w f r q w l e x l u d s d d x p d v d q v i r u p d r v r f l d o h r u h f r q k h f l p h q w g h w h v v x h l w v  
f r p r v h u h g r v d g r v g h y l g d h q r d s h q d v u h f r q k h f l g r v s r u v x d f r q g l r g h v r i u p h q w p h q v d (A o h v, 2022).

Awlp, vhud srwyhos r hqf lddur v r r hlv r v s r s r w v s h d Rhir up d Pvl t xl wlf d eudv d h d gh  
lqf xv r v r f d o q h j d q g r d o j l f d p d q l f r p l d o h r d d q g r s d u d d t x h w r v r e u h f r p r r v g l u h l v v k x p d q r v  
s r g h p d w x p l u x p s d s h o q h w h f h q u r . C r p r d s r q w d A p d u d q h (2007), s u h f l v r x w s h d l q f x v r g h w h v  
v x r h l v v h p v r i u p h q w p h q v d o g r v d g r v g h g l u h l v v , h s r u g r y r v g l u h l v v s d u d h o v .

A s d u l u g r f h q u r g h d q h d g r , r s u h v h q v h u a d v g h h | s h u q f l d e x v f d u h | s a u d u h i d | h v v r e u h d f r q w w x r g d d x w q r p l d g r v x x h l w v x v x u r v g h x p C A P S h f r p r r v g l u h l v j d u d q l g r v d h o v g h q w r h i r u d g d l q w l x l r l q v h u h u p q h w h s u r f h w r .

**a yíÀxÀ²À" "u**

Ewib hwxgr ir lghvhyqr qylgr ds durlugh gdgr vfr dndgr vsr up hlr gh r evhyd hv, yly qfldv h hvfxvd gh thadw vgh h| s hul qfldv gr vvx ur vgh xp Chqwr gh Avhq r Pvlfr wr fldo(CAPS) gr lqvdur ugr hwdgr gh Mlqdv Ghudlv. Tudvd-vh gh xp d shvt xlvd h| s adw ldt xcdvdyd, fr p r r erthvlyr gh hwxgdur ihq p hqr gd dxw qrp ld s dud d ylgd gr vvx ur v gh xp CAPS h fr p s uhqghu vhx vlj qilifdgr lqglylgx dos dud d ylgd s ur ilwlr qdoh shvr dogr vs durlf s dqvht xh r ylyhqfldp .

Avylvavir ud p uhd d dgdv sr uglvf hqhvgr fxur gh j ugdxd r hp Pvlf r o j ld, gxud qv r s hur gr gh p dur d p dlr gh 2022, fr p gxud r gh xp d d gxdv kr udv, v hqgr xp gr v f u w u r v s d u d d u h d d r gh xp d glvf ls d qd gh h w j l r e v l f r e u j d w u l r . A s v d v y l v a v , i r u d p f r q i h f f l r q d g r v g l u r v g h f d p s r f r q v h qgr d v l p s u h w h v g h f d g d g l v f h q h v d u h v s h l w gr t x h i r l y l y h q f l d g r q d l q w l x l r . S h p d q d p h q v , i r u d p u h d d d g d v x s h y l v h v f r p r s u i h v r u h v s r q v y h o s h a d g l v f l s d q d , q d v t x d l v i r u d p g l v f x v l g d v d v l p s u h w h v , d q j v l d v h p d q h m v g h g l y h u d v v l x d h v h d v l y g d g h v r e v h u r d g d v h y l y h q f l d g d v g h q v r g d l q w l x l r s h a d g l v f h q h v .

Ar σ qj r g d v x s h u y l v h v h g d v h i d h | h v d y d q v d g d v q r v g l u r v g h f d p s r , d v g l v f h q v h v g l u h f l r q d d p  
d v d q d v h v h f r q y h u d v l q i r u p d l v f r p r v x v x u r v s d u d h n p d v h v s h f i l f r v v r e u h d k l w u d g h v u d v p h q v g h d h v ,  
v h x j u d x g h d x w q r p l d , i d p d d , σ h y g l u h l v v k x p d q r v h v x d u h l q v h j u d r v r f l d o h q r p h u f d q r g h v u d e d d r .

A s d u l u g h w h u h r u h , e x v r x - v h q d d u h u d u d s h u l g l f r v f l h q w i l f r v t x h g l d o j d w h p f r p d v s h u f h s h v y l y h q f l d g d v s h a v g l v f h q w h v h f r p r v v h p d v h s h f i l f r v d e r u g d g r v s h o v x v x u r v . D h w d i r u p d , i r l s r v y h o d q d d u d u h f r p s d u r v g d g r v f r d w d g r v h p f d p s r f r p h w x g r v e l d r j u i l f r v .

## f yÉÓÍuxÀÊy R'ÊvÓÊÊ À

A l p s r u w q f l d g h s h q v d u r f r q f h l w g h d x w q r p l d u h a f l r q d - v h d r v d y d q r v r f r u l g r v f r p d l p s d h p h q v d r g d P r o v l f d N d f l r q d o g h S d g h M h q v d o ( P N S M ) q r B u d M o P r l v , d P N S M v h y h r r e t h v y r g h u h l q v h j u d u r l q g l y g x r f r p x q l g d g h v r f l d o h d r v h x v a d v p h q w d v y d p h q v h ( M l a h u 1999 ; C r q v h d r F h g h u d o g h P v l f r o j l d , 2013 ; K d p p h u 2020 ; F l j x h l u g r , C r u g h l u r , F l d r & V h o v r , 2021 ) , r t x h s r w l e d w x d r p h v p r v h u h s r q v d e l d " d u s h a f d s d f l g d g h g h f u d r h p x g d q d , f d u f v h u w l f d v g h x p d v r f l h g d g h d x w q r p d g h d f r u g r f r p E p p d q x h o T d x u r h F r v f d f k h v ( 2018 ) . N h w h q r y r f r q v h l w , r v x v x u r v s d u h f h p v h u f r p h d g r d g h v h q y r o h u d f r - u h s r q v d e l d g d g h q r f x l g d g r , s d u l f l s d r q d v h v f r d k d v g h q w r g r s u r f h w r , h x p s u r v d j r q l v p r v r f l r f x o x u d o h s r o v l f r ; g l i h u h q v h g d s r v l r d d h q d g d g h r e t h v v l q w l w x f l r q d d " d g r v l q d v y r v r e u h r v h x p h l r ( P l w d , C r x v l q k r & R r f k d , 2015 ; A p d u d q v h , 2007 ) .

E w d p x g d q d s g h v h u s h u f h e l g d d r o q j r g d y l y q f l d q r C A P S h p t x h i r u d p u h d d " d g d v d v r e v h y d h v . F r l q r v d g r , t x h r d v h q g l p h q w d r v x v x u r v h u d u h d d " d g r g h p d q h l u d j u x s d o h l q g l y l g x d o v h q g r f d g d x p d f r p s d q k d g r s r u s v l f o j d v , s v l t x l d u d v h s h o d v l w h q v h v r f l d o g d l q w l w x l r . A s v d v d v l y l g d g h v q r C A P S r v x v x u r v f r q v h j x l d p u h w u d u v v x d v u h l g q f l d v . D l i h u h q v h g h u h a d v t x h r v s d u l f l s d q v h v w r x l h u d p v r e u h v x d v y l y q f l d v q r S d q d w u r d l q g d d v y r q d f l g d g h , f r p r q d i d a t t x h v h j x h : O n x q r t x h u r y r o v l u s d u d r S d q d w u r q r . L h x i l f r w p d q g r u h p g l r r g l d l q v h l u r , g r s d g r , q r v h q k r d e h u g d g h f r p r d t x l q r C A P S i ( S i f ) h d r t x h f r p s d h p h q v d x p r x w r x v x u r : O n x j r w d y d g r S d q d w u r , p d v o d j h q v h w p d y d p x l w u h p g l r , g r u p l d r g l d l q v h l u r , g l i h u h q v h g d t x l , t x h h x s r w r w p d u p h x v u h p g l r v h p f d v d v d p e p i ( S i f ) .

A v h w d q g r d u h i d l r w d " l g d s r u v l f h q v h ( 2018 ) , g h t x h p h v p r t x h r v v h u y l r v g r C A P S x v d d " h p d l q g d s u v l f d v v x l w g h f r q w r d r , t x h k h k r x y h q r v p d q l f p l r v v r p x l w p d l v v h u y h l v , v d o f r p r r l v r a d p h q w h p s h t x h q r v h s d r v f r p j u d g h v i r u h v , v h u d s l d p h g l f d p h q w v d , h d v r f r q y x o r v h u d s l d , f k r t x h f d u g l d " d f r , x v r g h f d p l v d g h i r u d h f r q v h q r f r p d h q r o r x i d l d v g h v h f l g r g h d o r g r ( G x l p d u h v , B r u e d & M d i v x p , 2013 ) . A o p g r p d l v , l p s r u d q v h d h p e u d u t x h h w d l g h l d p d q l f r p l d o y l y l g d d l q g d h p d o j x p d v l q w l w x l h v g h v d g h p h q v d o g d q g r g h w d t x h s d u d r v p d q l f p l r v , s d u h f h v h u u h i r u d g d s h a l s u s u d u h d d g d g h v r f l d o g r v x v x u r v , d t x d o f r p s r w d s r u g l y h u d v l q w l w x l h v g h y l r o q f l d v a i d p d d , h v f r a l h p d q l f p l r v a t x h u h s u r g x " h p s u v l f d v g h h l f a v r , g h v l j x d o g d g h v , r s u h w h v h f r q w r d h g r v f r u s r v , g r v f r p s r u d p h q w v h g d v v x e r h v l y l g d g h v ( P d w r v , 2018 ) . R h v u d q g r r v v x r h l w v g r l g h d o g h v h u h s r o v l f r v t x h s r g h p s d u l f l s d u g h v d f r p x q l g d g h i r u d g r v C A P S f r p r s u r g x w u h v g h p x g d q d h g h f l g d g d q l d ( A p d u d q v h , 2007 ; V l f h q v h , 2018 ) .

E w d v y l y q f l d v s d u h f h p v h u i l f d g r p d l v h y l g h q v h v t x d q g r i r l s h u j x q v d g r d r v x v x u r v v h h d v r f x s d y d p r x w r v o j d u h v d o p g r C A P S . M x l w v u h s r q g h u d p t x h s d w d y d p d p d l r u s d u h g d v h p d q d h g r v g l d v q d l q w l w x l r , i l f d q g r j h u d q h q v h g r s h u r g r h q w h 8 h 14 k r u d v . U p g r v x v x u r v f r q w x t x h v d d g h f d v d v r p h q v h s d u d l u d r C A P S h , f d v r t x l v h w h v d l u s d u d r x w r v o j d u h v , v h u d t x h h w d u d f r p s d q k d g r s r l v v h v d v h q d u d h d f r q v h f h w h x p v x u w d v s h w r d v s r g h u d p y h u f k d p d u d s r o f l d h l q v h u q - o q r y d p h q v h q r m u h i h u l g r

Sdqdwur. Tdos dwdj hp fr ur er ur s hqvdh hqwr gh Ap dwdqvn (2007), dr uhvvdut xh r h| huf flr gdfldgdqld qd glp hqv r mæglfr -s r ovlfd w uqd-vh xp j udaqh ghvdlr, kdnd ylvw t xh xp d v uh gh dnlv h qr up dv vr fldlv fr p s uhqghp uihu qfldv qrflydv, t xh dxp hqvdp r v r ewwfx v vj qlilfdvyr v s ddr h| huf flr gdfldgdqld gr v vxrlw v hp vr iulp hqv s vt xlr. Pr udaqv, fdr x-vh d kls vlvh gr CAPS s duhf husr xfr dulf xægr uhgh gh vd gh fr dvlvd h uhgh dp s æ gh dvlwv qfld vr fldo hgx fd r h f xæud. Pr uq r lqf hqvlydut xh r vxv ur h| hu d vxd d xw qrp ld h flufxæ r vr fldohp r xwv v hvs d r v. Oxvvdv v v vxv u dv gr CAPS vdp e p uhævdutp t xh q r v ddp s d d d o p gr CAPS, s r lv r v d qv s r u h gd lqwlw l r dv fr qgx "ld gd f d d s d d d lqwlw l r, id" hqgr ds hqdv hwh fdp lqkr. Dhp r qvvdqgr t xh hwhv vxrlw v q r h| huf ldp qh qkxp d dvlvgdgh gh v d d d r r x æ" huir u d gr dp elhqv idp ldduh gd lqwlw l r, dt x d s duhf h q r dyddduh hvlydp hqv dv udlv qhf hwlvgdghv gh fdgd lqgly gxr gh dfr ugr fr p d v d p lvd hv h s r v h q f l d d g d g h v g h v h x v t x d g u r v.

Evvh v v ælp r v s r qv v w r x| hudp glyhu r v lqf p r gr v r e u h fr p r d d x w q r p l d g h w h v v x r l w v h v d d v h q g r h| h u f l g d q d l q w l w l r h v h, g h i d w, h æ h v d d f r q v l e x l q g r s d d d u h l q v h u r h s r w l e l d v d q g r d v d q v i r u p d r g r v p h v p r v q d v r f l h g d g h. Ailqd v d o f r p r q r v p r v u d A g h v (2022), l p s r u d q v h r d k d u g h x p s r q v g h y l v d f u v l f r d f h u f d g r v v d e d d r v r i h u f l g r v h f r æ f d g r v h p s u v l f d s h æ v C A P S, d i l p g h t x h v h r e v h y h t x r g h s h q g h q v h v g h d v h w r r v v x v u r v h d w t x h q y h o d l q w l w l r v h p f r q v l e x g r s d d d v h v d v d p h q w, e h p f r p r s d d d x w q r p l d g h w h v v x r l w v.

Dxudqvn dv fr qyhu dv, i r l r e v h y d g r t x h r v x v u r v s d u h f l d p v h u x p d i r u h u æ r g h g h s h q g q f l d g r C A P S. E, d s h v d u g h f r q v l e x l u g h p d q h l u d v j q l i l f d v y d q d p h æ r u d g h w h v v x r l w v, r C A P S s d u h f l d q r r i h u f h u p x l v d v d v l y g d g h v q r s æ q r v h u d s x v l f r t x h f r q v l e x w h p g h p d q h l u d h i h v y d q d u h l q v h u r v r f l d o g h w h v v x r l w v. T d o s u r e d h p v l f d s d u h f h i l f d u h y l g h q v h d s d u l u g h d g x p d v i d æ v g h v x v u r v t x h q r y l d p s u r s v l w q d v d v l y g d g h v r x t x h d v u d d " d y d p d s h q d v s r u x p d u æ r g h d x w u g d g h s r u s d u h g d l q w l w l r, v d o f r p r v h j x h: " h x q r v h l g h v h q k d u h q w r q r y h m v h q v l g r h p s d u l f l s d u g d r i l f l q d " ( S l f ), d r t x h f r p s d h p h q v d x p r x w r " h x q r t x h u r s d u l f l s d u q r j r w r " ( S l f ), h d l q g d x p v h u f h l u r, " r p g l f r g l w h t x h h x v l q k d t x h v r f l d d " d u p d l v, s r u t x h h x i l f r p d l v q r p h x t x d u w h p f d v d h q r v d l r, h t x h l w r [ s d u l f l s d u g d v r i l f l q d / l d d n g d u q r p h x v d v d p h q w, h q w r s d u l f l s r i ( S l f ). E q f r q v d p r v q h w h v u æ l v v x p d o j l f d g h r e u j d v u h g d g h g h s d u l f l s d r h q h j d j q f l d v r e u h r g h v h m g r v x v u r g h q r t x h u h s d u l f l s d u f d u f v u d " d a g r x p s u r f h w r g h d w x r l w d p h q w g r v l q g l y g x r v h h q f d u f h u d p h q w g d d x w q r p l d g h w h v v x v u r v, s r u r v f r æ f d u h p q x p d s r v l r g h v x r l w v l q f d s d " h v g h s d u l f l s d u g h h v f r d k d v g h q w r g d l q w l w l r. M d u f d a g r x p d i r u p d g h l q v h y h q r k l j l h q l w d, t x h q r d v h q g h h q h p g r x y l g r v, g h i d w, v g h p d a g d v v æ " l g d v s h æ v x v u r v ( Y d x l, L x " l r & A p d u d q v n, 2018; E p p d q x h æ T d x u r & F r v f d f k h v, 2018).

E p f r p s d h p h q w, B r q j l r y d q q l h S l o y d (2019) h y l g h q f l d p t x h k u v f r g r s u r r h w v h u d s x v l f r, g h v h q y r g l g r q d v l q w l w l h v, v h w u d u x p s u r r h w g h y l g d u h w d w h g h s h q g h q v n d r t x h s u r s r f l r q d g r s h æ v h y l r. A i l q d o r P u r r h w T h u d s x v l f r S l a j x æ l u ( P T S ) x p u h f x w r g h f o q l f d d p s d o d g d i d p l d d u f r d v l y r h, s u l q f l s d o p h q v n, v h u l w u d o ( M l q l w u r g d S d g h, 2011). A P r u d u d 3088, g h 23 g h g h " h p e u r g h 2011, v d p e p v æ " t x h d R A P S à r q g h r C A P S h w l q f æ g r à g h y h u h s h l v d u r v g l u h l w v k x p d q r v g h s h w r d v h p v r i u l p h q w r x f r p v d q w r u q r p h q v d o j d u d q v l u d d x w q r p l d g r v p h v p r v h d v x d d e h u g d g h. D x u d q v n r h w j l r q r i r u d p r e v h y d g r v p r y l p h q w v g d l q w l w l r h g d u g h s d d d u h l q v h u h w h v v x r l w v q r v h v s d r v g h v d e d d r, h g x f d r h æ " h u P r l v, d s h v d u g h v h u p r u j d q l " d g d v s d w h d v d v, e æ f r v g h f d u q d y d o h s d w h l r, r v x v x u r v d l q g d

1p hqvn: Onx v yhqkr s dud r  
 p dlvr qvgh, p h vlgvr vlvvn  
 dgr " (Sif), h gh rxvr xv x ur  
 dd duf r p f d d" (Sif).

d s d d h v f r d k h u r v o f d l v t x h  
 r q d l v h q i d w d q g r t x h w g r v  
 l r g h t x h Q i l l q d o m h w d y d p  
 e r h d d d r h d w x r h l v p h q w  
 q r v h q v l g r g h t x h h d s u h f l v d  
 s r u d q w , g h v t x d d i l f d h v h  
 a g h h v f r d k . T u d q v i r u p d q g r -  
 g r g d s r v l r g h d x w q r p r v  
 h u d p ( S d q w v , R h l v , R r v u r &  
 h g l d g r u h q w h r x v x u r h d  
 l r y d q q l & S l o y d , 2019) . C d v r  
 r p r v x r h l v v g h g l u h l v v h ,  
 o p d q x h e T d x u r & F r v f d f k h v ,

v gh dvhq r s vlf r wr fldoqr  
hu p dv ds hqdv xp d wr fd gd  
dqvn, 2018). O t xh ghvs hu  
fr qf hlwr gh dxw qr p ld ghyh  
vdwj ldvt xh s r wleldvnp -qr  
ghfxlgdgr t xh hduvhf hehp ,  
uhlvr v kxp dqr v dugxdp hqvn

lqir up dof r p xp xv xlr gr  
hwh p r p hqw dt xl p xlw  
vvdqf dgr v qxp p dqlf p lr,  
vî (Sif). Lr j r ds v, hdyr ~~ov~~ x  
hx iddl, yr f p h ylx?î (Sif).  
rdl do p gr ihfkdp hqw gr v  
klwulfr vgh vhj d r txh

el, hqyr qhqr r hwp xø gd  
fr qvlj dp fr qvlexlusdud r  
elwv huf l r qdlv (Ag hv, 2022;  
r hqwh vxv ur h vhu l r, hp

t x h x p t x d g r g h g h s h q q f l d g h y h h y r α l u s d u d x p d p h d k r u d u d o g r h w d g r g h v d g h g r v x r h l w (A g h v, 2022). S h q g r h w h, n a w d p h q v h x p s r q w f r q w d g l w u r r e v h y d g r h q v h d v u h d h v h w d e h d f l g d v q d l q w l w l r h p t x h w r, x p d y h t x h q r s u r p r y h p l q g h s h q q f l d h, f r q v h t x h q v h p h q v h, q r f r q v l e x h p s d u d r s u r f h w r g h d x w q r p l d t x h r v h y l r g h y h u d s r w l e d d u g h q w r g h v x d v u h d h v h d v l y d g d g h. D h w d i r u p d, h l s h u h q f l d u h w h p r y l p h q w, v d o f r p r r e v h y d g r q r u h d w d f l p d g h w p d g d g h f r q v l q f l d h d e h u d g h, s d u h f h x l q v s l u d g r u s d u d f r q v l q x d u α v d q g r s r u x p d l q w l w l r t x h d s r l h p d l v h w h s u r f h w r.

E p r x w r p r p h q w g r p h v p r g l d, r x v x u r f r p h q w x Ö r f v v r l p s r u d q v h v s d u d q v [ r v s u r i l w l r q d l v. M x l v d y h h v h w d p r v d s h q d v v h q v d g r v h q l q j x p f r q y h u d f r q r v f r. N d v u x d v q r v r d k d p g l i h u h q v h o P r w r t x h u h v h u d g x p f r p l j r, p d v d w l p t x h g h v f r e d u h p f r p r v x, d f d e r x v x g r. M d v y r f v q r v h v f x v d p i, h f r p r d k r v p d u h d g r v i l q d d r x Ö n x i d d l, h x f r q v h j x l, r e u j d g r ! i (S l f). P r u d q w, p d l v h i h v l y r t x d q g r r r e r h v l y r g d t x h l d g h l d g h v h u d g r h q d h s d w d d v h u d f r p s d l l g d g h g h y l g d (Y d v x l, L x " l r & A p d u d q v h, 2018). A r i d d u h p s e d f r, h p p h l r d v d q v d s h w r d v g h v f r q k h f l g d v, h d h s d u h f h x v h u g h q x q f l d g r d t x l o t x h v h q v d g r v h u h v f r q g l g r h f h u f h d g r s h d v r f l h g d g h h s h d i d p d d: d d x w q r p l d g r d w r g h i d d u P r u l w r, r v v h y l r v s u h f l v d p d x d u f r p r x p o j d u g h d f r d k l p h q w, h w d w j l f r v s d u d f x l g d g r h w r f d v r f l d v. Q x h d g d p f r p s h w r d v h q r g r h q d v (A p d u d q v h, 2007). A i l q d o t x d q g r r l q g l y g x r v h w u d d x w q r p r, i l f d x r h l w d p r g l i l f d u v x d s u s u d y l g d h v x d v u h d h v, v d l q g r g d s r v l r s d v l y d g h g r p l q d g r s h d v l q w l w l h v h d d h q d g r g h v l h g h v x v r e r h v v g h g h v h m (E p d q x h e T d x u r & F r v f d f k h v, 2018).

O x w r s r q w r e v h y d g r i r l d u h d r g r v d e d d k r f r p r s u r f h w r g h l q g h s h q q f l d g r v x v x u r v, i d w u h w h t x h s d u h f h x j h u d u d a j v l d h q v h h d v, v d o f r p r d i d d g h x p x v x u r Ö n x h u d f d e h d l u h l u r g h v g h p h q l q r, v l q k d p h x v d o r, d v p l q k d v f r l v d v, d w t x h x p f h u r g l d i h f k h l d v s r u d v g r p h x h w d e h d f l p h q w s d u d q x q f d p d l v y r o d u d d e d u (S l f), h f r p d p h v p d h l s u h w r g h v l w h d, r x w r s d u l f l s d q v h d f u h v h q w x Ö n x h u d i x q l d n l u r, g d v h q v h l p h v x l f l g d y i x l l q v h u d g r h g h v g h h q w r q x q f d p d l v f r q v h j x l x p v d e d d k r i (S l f) h s r u i l p x p v h u f h l u r x v x u r u h d v x Ö n x j r w d y d p x l w r g h h w x g d u h t x h u d y r o d u p d v g h s r l v t x h i l t x h l g r h q v h q x q f d p d l v i x l s d u d d h v f r æ, q ? i. E w d v w v s d w d j h q v u h p h v h p x p d p x g d q d q h j d v l y d g h s r v l h v v r f l d v d q v h u r u p h q v h y l y g d v, d s v x p d v u h g h p x g d q d v h p g h f r u q f l d g r g l d j q v l f r (A g h v, 2022). A w l p, g h y h p r v d w l q d d u t x h d l q g h s h q q f l d h d x w q r p l d, h w r g l u h v d p h q v h y l q f x æ l g d d r v d e d d k r, l q v h u r v r f l d o h d r d f h w r d r v e h q v p d v h u d l v t x h v r i u x w g h v x d v s u r g x h v q h w h v d p e l h q v h v, r q g h d v u h d h v f r q v d x d l v, s h u p l v d p d s u r g x r g h q r y r v v h q v l g r v h d r f x s d r g h o j d u h v q r s u r v h j l g r v (C r q v h d k r F h g h u d o g h P v l f r o j l d, 2013).

A l a g d g h d f r u g r f r p A g h v (2022), r E x g r v x r h l w p r u h v l p e r d f d p h q v h h r t x h u h w d r u v x o s v l t x l v l f r, h p r s r v l r d r t x h h w h r x i r l x p g l d, r x v h r d, x p s u r i l w l r q d o x p f l g d g r s u r g x " l a g r, x p d p l j r, h v f. E w d t x h w r g r v h u d p l j r, g r v æ r v e h p h l h p s d i l f d g d s r u r x w r u h d v: Ö n x v l q k d p x l w r v f d h q v h v d p l j r v, e r p h x d f k d y d s h o p h q r v, t x d q g r d g r h f l v l q k d 45 d q r v, d w k r r h q h q k x p g h d v d j r x r x p h s u r f x u r x s d u d v d e h u f r p r h x h w d y d i (S l f). O t x h s r g h g h p d u f d u v d p e p, f r p r m p h q l r q d g r, r v h w l j p d v h d v e d u h l u d v t x h d g r h q d s v l t x l v l f d d l q g d f d u h j d f r q v l j r, x p r d d u g h g h v f d u h h g h q h f h w l g d g h g h f r u h r s d u d t x h r v x r h l w v h r d e r p r v x i l f l h q v h s d u d f r p s r u h w h v æ r v r f l d v, v h q g r t x h h w d u g h q w r g r v s d g u h v s d u d t x h f r q v l j d v h u f r q v l g h u d g r x p f l g d g r g h g l u h l w v.

l q i h d " p h q v h, h w d y l v r g h g h v h m g h r f x s d u r o j d u i r u d g d v r u g h q v h q r u p d v l q w l w x f l r q d l v g r C A P S,

qr p elw gr wdeddkr, q r ds duhf hx dr oqj r gavyly qfldv, vhaqr qr veld, lqf ovyh, xp dj udaqh gliilfx o dgh gh rughp vrfldo ghylgr dr shfr qfhlw, v odfxqdv qdv hwxwudv gr vlvhp d s edfr h rewwfx o v gh duilfx o r hqvhd dhgh s dud d sur p r r gr uhw uqr dr p hufdgr gh wdeddkr. O t x h j hud q r v lqgly gxr v j udaqh ds dld h ghv qlp r, lp s x o l r qdgr v s h o f u r q l i l f d r gr v x v u r v, hp uhw uqdudr f d p s r wdeddklwd, fr p r q d i d o g r p h v p r x v u r t x h h u d f e h d h l h l u r O n x j r w d y d g h w d e d d k d y v l q k d y u r v f d h q v h v h p h v h q v d v l o M d v q r y r o r d w d e d d k d u s r u t x h, d k, q r v h l. H r r h h p g l d q r s h q v r p d l v q l w r, p h v l q v r p x l w v l w h, g h v d q l p d g r s d u d w d e d d k d u (S l f) h f r p r s h q v d p h q v r h r d k d u g l y d j d q v h v, d f u h v f h q v d O x d q g r v d g d p l q k d s u p h l u d l q v h u q d r q r v d q d w u r (45 g l d v), f k h j x h l h p f d v d h y h q g l w g d v p l q k d p t x l q d h f r l v d v t x h x v d y d s u d w d e d d k d y g h v g h h q w r q x q f d p d l v f r u h l f d e h o i (S l f). N r v d v h t x h r w d e d d k r x p v h p d l p s r u d q v h s d u d h w h x v x u r, p d v f r p r r C A P S v h p v h p r y l p h q v d g r h p f r q n o q w u h g h s d u d f r q v h p s o l u h w d g h p d q g d? P r l v s r w y h o s h q v d u q d l p s r u w q f l d g r w d e d d k r f r p r x p d i r u p d g h s u r p r r v d g h, p h v p r t x h v h r d x p w d e d d k r v l p e d f r, x p d y h t x h d l g h l d g h h w d u s u r g x l q g r d k h v x v l v h d v h q v d r g h x v l d g d g h (K d p p h u M r u r & R r f k d, 2020) h f r q v l e x l s d u d r s u r f h w r g h d x w q r p l d g r v x r h l w s r u d k s h u p l v u j h u d u p x g d q d v q r h v s d r t x h r f x s d, d o p g h u i r u d u d l g h l d w d l g d s h o l e d v h g d u i r u p d s v l t x l w l f d, r u x q g d g r p r g h o g h s v l t x l d v l d g h p r f u w l f d l v d d q d, g h t x h d l q f o v r v r f l d o g r v x r h l w v h u d d f d q d g d s r u p h l r g d v w d q v i r u p d h v l q v l w x f l r q d l v, s d u l f l s d h v h p p r y l p h q v r v r f l d l v, f u d r g h s r o v l f d v f r p s h q v d w u d v g h f r q f h w r g h e h q h i f l r v h d s r v h q f l d d g d g h g r u h w u q r d r x q l y h u r g r w d e d d k r (S d q v r, R h l v, R r v u r & K l u o v N h w r, 2019). T u d v d v h, s r u d q v r, g h x p d o x v d s h o l l q f o v r g h q r y r v x r h l w v g h g l h l w v h q r y r v g l h l w v d h o v (A p d u d q v h v, 2007).

E, f r q v l g h u d q g r t x h, q r v v h u y l r v v x e w l w x v l y r v, k x p s h u l o g h x v x u r v g h e d l j d h v f r o l u g d g h h f r p s r w l e l d g d g h v s u h f u d v g h h p s u h j r v, d i d o d g h h w u d w j l d v s d u d h w h v s u r e d h p d v s d u h f h d g y l u g h x p i r f r d s h q d v h p s u w l f d v g h f r q y l y q f l d h h l s u h w r g h v x e r h w l y l g d g h v. D d q g r x p h q i r t x h l v r o l g r d s h q d v g r h q d, u i r u d p d u f d g r u h v g h l f o v r, g h d f r u g r f r p B r q j l r y d q q l h S l o y d (2019). O t x h g l i l f x o d f r q v l g h u d u t x h x p v x r h l w d g r h f l g r v o l p e p s r g h v h u x p w d e d d k d g r u

D h d f r u g r f r p S d q v l q h K o l i n h (2011), d y l f l w l w x g h g r w d e d d k r v o l p e p w d l g d s h o v i d p l d d u h v f r p r x p d l p s r w l e l d g d g h h g l i l f x o d g h g h v h u d f d q d g d. S h q g r, s r u d q v r, x p d u d d g d g h i u t x h q v h, s u l q f l s d o p h q v h t x h o v t x h v r d f r p h v l g r v s r u d o x p d i r u p d p d l v j u d y h g h v r i u p h q v r s v t x l f r. E w d v h p w l f d, v o l p e p s g h v h u r e v h u y d g d q r f d v r g r x v x u r t x h, d r d g r h f h u s h u g h x v x d s r v l r g h s u r y h g r u g d i d p o d. T d o s h u g d, f r p x p d y u r v r x w r v x v u r v, s d u h f h f r q g x l u d x p d r f l r v l g d g h f r q w d q v h, q r v r p h q v h g h q w r g d l q v l w x l r. C r p r r e v h u y d g r q r v u h o l v v g r x v x u r O n x v s r w r i l f d u h p f d v d v h v l y h u s h w r d v p r u d q g r f r p l j r i (S l f) h O n p f d v d h x i l f r q r p h x t x d u w r x y l q g r u g l r q r p h x t x d u w r, q r h v f x u r, q r f r q y h u r f r p h o l v r x w d v p r u d g r u d v g d f d v d h h o l v q r f r q y h u d p f r p l j r v o l p e p i (S l f). D h w d i r u p d, d r g h v r f x s d u d s r v l r g h s u r y h g r u h o s d u h f h x v h u s h u g l g r v h x o j d u g h s u r g x w u g h q w r g r o l y r t x h r f d u d f v h u d f r p r x p f r u s r v h p i x q r h l p s r w l e l d v d g r g h j h u d u p x g d q d v. P r u d q v r, r g h v h p s u h j r u i r u d d q r d x w q r p l d g h w h v x r h l w q r p e l w v r f l d o h i d p l d d u

E w h f l r x p g r v i d w u h v f r q i d v l y r v g d s u w l f d f r p r r e r h v l y r g r v C A P S, x p d y h t x h h o v g h y h p v h u l q w x p h q v r v g h u l q v h u r v r f l d o h s u r p r w u g h d x w q r p l d (C r q v h d r F h g h u d o g h P v l f r o j l d, 2013), h q r x p d l q v l w x l r t x h s d u h f h l q y h w l u p d l v h p u h o l h v v x v h o l u h v, d v t x d l v s u r p r y h p d u s u r g x r g d y l v r g r



σxfr fr p r lqvhqvdr, gr hqvh, lq vlo vhp gluhlrv h lqf ds dflvdr s ddr r vdeddkr (Ep p dpxhøTdxur & Fr vdfkhv, 2018; Sdqvlq & Kælinh, 2011). Ewd ylv r dlqgd ds dhfh s uhvqhvh ir ud gdv j udghv gr v p dqlf p lr v, ghqvur gd lqvlxl r gh vhuyl rv vxewlvrv h hp dñ xqv s ur ilwlr qdlv txh fduhj dp fr qvlj r s u vldv p dqlf p ldlv glvdu dgdv gh lqvñj udvdy, dvt xdlv q r s ur p ryhp qdgd do p gr s dwdugr vñp sr. Mlqlp l"daqgr r sr vñqfldogr vxv ur gh vr fldd"duh dñ dñvdydp hqvh ir ud gr CAPS, r t xdoghyhuld haj ø edu vdp e p, r xvr v vhuyl rv gh fxlgdgr vd gh h didp dds d d gdup dlr udx| dr dr vxv ur. Dhvdr ir up d, r vdeddkr gr fxlgdgr ghyh rfr uhuvdp e p hp r xvr v vhuyl rv vñvldv dlv, fr p xqlwlr v, qdv hvfr ælv, qr vdeddkr h hp f dvd (Ydvl, Lx"lr & Ap dudqvñ, 2018; Sdqvlq & Kælinh, 2011; Aqhv, 2022).

Cr p r h| hp s ø, s r gh p rv flvdr f dvr gh gr lv vxv ur v gr p hvp r CAPS txh, ds hvdu gr v p hvp rv gldj q vñfr v, ylyhp gh p r gr vñqj xælv. Os up hlur ylydfr p dhvs r vd, ildkr vxhp qhv t x d qgr ilfr x gr hqvh, hñ lqglfr x txh ðhv ir up rv qlfr vt xh ldp p h ylvldvdr vñp sr hp txh ilt xhl lqvñudgr qr v d qdw ur. E ds hvdu gh hx ilf duqr t x d v fkr udqgr gh vñvñ"ds r uq r vñup dlv dp lj rv h s r uvhuxp gr hqvh, hx vlyh p lqkd idp ddt xh v s uhr fxs dyd fr p lj r i (Sif). Oxvr uhdp eur x txh t x d qgr uhf hehx dñvdr v d qdw ur q r v l qkd s ddr r qgh lyp dv ir l v d qv i h l g r s d d x p d u h v g q f l d vñ d s x v f d h, s r vñvdr up hqvh, dñvdy v g d vñv d, s d d d u h v s q v d e l d g d g h g h v d h | - f r p s d q k h l d h v d h q vñ d g d. Cr qvægr, hud uhfr uhqvh hñ dlqgd vñ vñvñvñ "lqkr h fr p glilfxædg gh hqf d d u r s u h r q f h l v v h p d f r d l p h q v h f x l g d g r d i h v l y r g h æ v. Avlp fr p r qr f d v r g r vxv ur txh uhælv x r ghvds dhflp hqv gr v dp lj rv t x d qgr vñyh d f l v h p v d e d u h d d. Eylghqfldqgr, q r y d p h q v h, t x h d s u h v h q d g d v l r o q f l d v h r s u h v h v l y l g d v q r v d q d w u r v, v r d s h q d v u h i d | r v g d u h d d g d g h h g d q r y d s r v l r v x vñ vñ d g d s r u s u h r q f h l v v t x h h w h v v x rñ l v r f x s d p q d v r f l h g d g h (Vlf h q v h, 2018).

Cr qir up h Flj xhlu gr, Cr ughlur, Flækr h Vho vr (2021), t x d qgr r v x rñ l v u h v l u d g r g d s r v l r g h g h vñ q v u g h u d " r d v x p h x p s d s h o g h v x rñ l v g h ð h v d " r i, g h v h p e r f d q g r h p x p p h q r v s u h " r g r v p h v p r v, g h v y d ø u d " r h vñ q g r v x d y l y q f l d u g x " l g d d r v l o q f l r h l g h l d g h l a y d d g h, s r l v x g r s d v d d v h u h i d u g r h q d (Ap dudqvñ, 2007). Dhvñ p r g r, r d d u s d d r v g l y h v r v p d f d g r u h v g h h | f æ v r, f r p r l q v l v r g h u æ f l r q - ø v ø x f x u d, s r g h v h u x p d s r v l e l d g d g h g h d p s d d u r k r u " r q vñ s d d d o p g d t x l ø t x h s d v r o j l f r (Br qj l r y d q q l & S l ø y d, 2019). Ewñ p r y l p h q v, g h d p s d d u r k r u " r q vñ, s d u h f h v h u h w h q f l d s d d t x h r x v x u r v h v u q h f d g d y h " p d l v s r vñ q v h g h q v r h i r u d g r v v h u y l r v v x e w l v v l y r v h, g h v d i r u p d, f r q v l e x d s d d t x h r v p h l r v r f l d l v h r d p s u s d d g r v s d d t x h r v i d p l d d u h h r v x v x u r v s r v d p v h u d g h t x d g d p h q v h u h f h e l g r v h l q vñ d g r v h p v x d v d v l y l g d g h v.

Pr u d q v r, f r q f æ l - v h t x h r v v x rñ l v v g h y h p v h u h f r q k h f l g r v s h æ v s u s u d v f l u f x q w w q f l d v g h v x d v y l g d v h q r s h ø u v x ø g h v h x v l q v p d v h g l d j q vñfr v, s d d t x h, d v l p, q r vñ r d p f l g d g r v h v x rñ l v v d s h q d v q d v dñ l v h g h f u h v. D h y h - v h ø v l u s d d t x h h d v r f x s h p ø j d u h g h v x rñ l v v d v l y r v h, f r q v h t x h q vñ p h q v h, d x w q r p r v. Sh ghvyh q f l d q g r g r ø j d u g h g r h q v h. Ewd p x g d q d g h s r v l h v s r g h v h u h d d " d g d d v d y v g r s u r f h v r g h p x g d q d v r f l d o h l v r h q y r g h p x g d q d g h p h q v l d g d g h, d v l v g h h q d v u h d h v r f l d l v (Aqhv, 2022; Ap dudqvñ, 2007). Pr l v p x l v r x v x u r v g h p r q v v l d p vñ u y r q v l g h v, v x e rñ v l y l g d g h v, g h v h m v, vñ | x d d g d g h, d i h v r v h dñ p e u d q d v g h t x h p h u d p, g h t x h p v r d j r u d h g h t x h p j r v l d d p g h v h u h i d " h u i x v x u d p h q v h. C d e h v l q v l x l h v v d e d d k d u p h g h v h q y r g h u h p, f r p f r p s u r p l v r, h v d v s r vñ q f l d d g d g h v l q g l y l g x d l v g r v x v x u r v.

## QÀÁÊ'xyÉú yÊz'Áu'Ê

Awdy v gr uhihugr thæw gh h|shu qfld, ir l sr wyhor evhydu gh p dqhlud su vlf d h vñ ufd t xh, ds hvdugr dydq r h sr wleldgdghv sr vlvdyd t xh dv sr ovlf dv vxewlvxvlydv gh vd gh p hqvðowr x| hudp s dud r fxlgdgr ghwhv vxv ur v, dlqgd hwr s uhvqhvhv lqfr qvlwv qfldv hp glihuhqvñv q yhlvgd dxd r gr vñyl r qd uhj l r. Tr uqdqgr hylghqvñ t xh dlqgd k p xlv r t xh ghvfr qvwxlú kdñd ylvæ t xh xp vlvñp d gh vðp dqkd fr p s d| lgdgh dlqgd s dñr gh ylv hvt xh s duhf hp vh hqt xdguduqd o j lfd p dqlf r p ldo

Ewh ds r qvðp hqwr, ir l qr vðgr, s uqf ls dqp hqvñ, qr v thæw v gr v vxv ur v h hp dlvxghv gh dg xqv s ur ilwlr qdlv. E, p hvp r t xh q r vñqkdp vlgr gh wgr v, lvr hylghqfld t xh dlqgd k j ughv vlp e ðf dv qhvvd lqvwxl r h qd vr flhg dgh t xh r v vxv ur v h wfqlfr v vh hqfr qvðp, t xh dlqgd lqyddgd h glilfxædp d uhqvhu r s dñd ghwhv vxvñlv vxv ur v gr CAPS qr p hlr vr fldo Dlvdqfldqgr -r v gh vñup uhfr qkhflgr v fr p r flgdg r vdxw qr p r v s dud ylyhup hp vr flhg dgh, uhp hvñqgr, dvlp, dr fhq ur ghvñqk dgr ghqwr gr v p dqlf p lrv, dlqgd t xh hwh q r vñqkd vlgr r r eñvñyr fr qvflhqvñ gr vñyl r hgr vt xhr fr p s hp. Pr uðqwr, ds duvugdv æf xqdv h sr vñqfldgdghv s huf helgdv gh p dqhlud fuwlf d gxudqvñ dyly qfld qd lqvwxl r, fr qfælvh t xh k sr qvrt xhr uhihugr CAPS sr ghuld vh dlvñqvus dud w uqdur vde dñr gh s ur p r yhudxw qr p ldgr v vxv ur v p dlv hihvñyr.

Ep fr qvæd duvgd, xp d gdv ðp lvd hv gr vde dñr ir l vñudqdðvdgr ds hqdv xp d lqvwxl r, fr p xp j uxs r hvs hf ilfr gh vxv ur v h wfqlfr v r s hudgr uhv gd uhir up d s vlt xl wlf d. O t xh q r lp s hglx gh hp hj lu xp lqvñuhvñ fuwlf r sr us duvñ gdv glvf hqvñv, s dud d uðd" d r gd s hvt xlv d. Evs hud-vh, hqwr, t xh fr qvlqxh kdyh qgr p dlv p r eld" d hvdf huf dgr vñp d ghqwr gdfr p xqlgdgh flhqwlf d, s dud t xh vñdp s ur p r ylgr vp dlv ghedvñv t xh sr wdp uhiðvñup p xgdq dv qd uðdgdgh gr fdp sr gdvd gh p hqvðo

## f yzyÉ ÁwúÊ

Dqj x/Wl-5355, 1lys j wvñx yj wñu zyñt x sf xf i j r j syf qst ðuj wñ shñf i j xzx vñ x2f x i j zr Fj syw i j Dyj s t

Sxñt xxt hñf qVññtCR Svjuvñs yx1mñyux=22 t ñt w 243 48<32VññtCR Svjuvñs yx16; 9:

Dr f vñsyj /S1-533: ,1Vf i j r j syf qj fyj s t uxñt xxt hñf qH rñt vñ l ñt hvz" 1

Et sl ñt |f s s r/M( Vñf/U1D1Q1-534<, 1Gj xf kñ x i f i j xrs xñyz hñt s f qñf t st ht syj Syt i t x xj vñt x xz g xñyz yñt x i j x f i j r j syf qSxñt q l ñf ( Vt hñi f i j /641

Ewñxñ-5337, 1Vf i j r j syf qst VXV=R xhj syw x i j fyj s t uxñt xxt hñf qP rñxy vñ i f Vf i j /Vj hñyñf vñ i j Dyj s t Vf i j /Gj uf vñr j syt i j D j xSwñl vñr yñf xHñyñr l ñf x1

Ft sxj qñt l j i j vñq i j Sxñt q l ñf 1-5346, 1Uj kj wshñf x y hñf x uf vñ fyfz t i j uxñt q l f x ð x, st FDSV 0Fj syw i j Dyj s t Sxñt xxt hñf qñyux=22xñj hñt w ðv2~ uñt syj sy2uq f i x253462442FDSVd38B: lñ k

Hr r fszj qVñzw/G1Y7( l t xhf hñj x/G1D1O1-534; ,1Dx fyfz fñ ut qññf x i j x f i j r j syf qst EwñxñUj kj ð j x q" i f t gñv i j Ft vñj qñx Ff xñt vñ i r x1P j syf q45-55, /<3Ó4451

lñ zj rñv t /D1D11 7Ft wñj rñv /U1O1P 7l rñt /S1R 7( Yj qxt /W1P 1J 1-5354, 1Ft xñyz t i j hf yj l t vñ x2q l f vñx uf vñf q zhzwñr vñ qñt x i j xzx vñ x i j FDSV1Uj | rñf Sxñt q l ñf =Fñ shñf j Swñkñx t /74-7, /4Ó491

Jzm fwj x/D1Q1YEt vñf /O1R 7Gf wñhf /O1P 7( P f kñz /P 1D1-5346, 1Wñyfr j syt j r x f i j r j syf qst r t i j q r fsñt r rñf q-4<93 f 5333, =Kñxy vñf x sf wñf fñ ut wuvñ kñxñt s fñ i j j s kj w fl j r 1Wñy Syt ( Ft syj Syt Hñkj w fl j r /55-5, /694Ó69<1

Nf r r j wN1SYPt w/O1P 7( Ut hnf/N1E1-5353,1Ftshj u jxj uwythf xij fzytstr rŕ jr zr Fjsytw ij Dyjs t  
Sxht xxt hrf qFDSV,=Gj xfktxht yñ rŕst x1Sxht q l rŕ St qythf /53-7: ,/69Ö831  
Q ns 43549/ij 9 ij fgwŕij 53341-5334,1Gnxu j xt gvy f utvyj t j tx i nvynt xifx uj xtx ut vyf it wŕx ij  
yŕsxyt vstxr jsyf rŕj vyi nvyhnt sft r t ij q fxxxyj shrf q x f i j r jsyf q  
P rŕj wMD1-4<<<,1Vf i j r jsyf qj twjr u gŕh f1Uj | rŕyf Fzvs l f/46/47Ö571  
P rsxy vŕ if Vf ij 1-5344,1Jzrŕ uwytht i j r fywŕhŕr jsyt jr x f i j r jsyf qFjsytw ij Hxyzit j Sjxvzŕf jr  
Vf ij Ft qyŕf1  
nyu=2g| xrxkz i j 1 t | g v2g| x2uzgŕhŕ ht j x2 zŕ duvŕyht dr fywŕhŕr jsyt dxz i j r jsyf q i k  
Sfxxt x/U1J 1-534; ,1Kt q hfzxyt tz sf | n s j l vŕw B=svzŕj yf j xuf vŕ f Uj kt w f Sxrvznywŕhŕ gŕvŕxŕj nŕ1Dwzr jsyt /  
43-6,/43Ö551  
Sfxxt x/U1J 1-534<,1lŕs y' l fsts/Uj kt w f Sxrvznywŕhŕ j qŕyf fsyñ fshtŕ rŕqst Eŕvŕxŕ=R v z j xhŕutz sjxj  
uwŕj xxt BVt hŕi f i j jr Gj gf yj -6j q yf x,/58-6,/ : 7Ö ; 1  
Sryf/D1P 1l 7Ftzys nt /G1P 7( Ut hnf/F1F1P 1-5348,1Gnvynt xnzr fstxstx Fjsytw xij Dyjs t Sxht xxt hrf q i t  
Qt w j xyj it Eŕvŕxŕ=Xr jxyzit f | fŕyŕt /j sit htr t vŕkj wshŕi t Tzfŕy Uñ mŕxÖZ KR1Vf i j jr  
Gj gf yj /6<439,/ : 93Ö : 41  
St vyf wŕ s 6B; ;/ij 56 i j i j "jr gw ij 53441-5344,1lsxyznf Uj i j i j Dyjs t Sxht xxt hrf quf wŕ uj xtx f x htr  
xt kŕn jsyt tz yŕsxyt vst r jsyf qj htr sjh j xñ i f i j x i j ht vŕs yj x i t x t i j hŕf h p' dŕtt qj tzyŕx  
i w l f x/st r gŕyt i t Vŕxyj r f sht i j Vf ij -XXV,1  
Vfsys/J 7( Nŕf kŕj /W1H1-5344,1Dkŕr qŕ j t hzñ f i t jr x f i j r jsyf qEf vŕf wŕŕ67/479Ö4931  
Vfsyt x/G1U1J 7Uj rŕ/MN1Q7Ut x vŕ /D1E7( N wŕŕ x Qj yt /l 1-534<,1R uf wŕi t St i f rs hŕx t =D vŕq | shŕi i f j xhzyf  
i t xz qŕyt st x FDSV1Y shz q /49-5,/9; Ö : 1  
Yŕh j syj /W1D11-534; ,1Sxht xj j FDSV=Hs yjv f r j yf uxht q l rŕi f hŕs rŕhŕ j f ut qythf 'Gnxj vyf t i j r j xywŕi t /  
Xsŕj vŕñ i f i j l i j j wŕq i j V t N t i j q Uj nŕl nyux=22~ ~ ~ z kŕd i z g vŕut vyf q 0  
vŕut xŕyt vŕ 2 rŕj 2uul uxŕ2Gnxj vyf hft ' 53Vŕhŕ gŕx' 53kŕs f q i k  
] f xzŕ/V7ÖZ "ŕ /F1D7( Dr fŕs yj /S1-534; ,1Dyjs t uxht xxt hrf qj f yjs t g xthf =D | nŕf htr t j q st yj wŕy vŕ 1  
Uj | rŕyf St qŕj Sxrvzj /; -4,/4: 6Ö4<31

# Sge i Sa Og W Q W R Sg OR Odh Oh W c g S a c R c g Sge i Sa h W c g Sa a i \_ V S f Sg j h W Og R S j W \_ b Q W R c a gh W O

IQW DOP DODGDSWYHVFKHP DV DQG VF KHP DW E P R GHV IQ Z R P HQ YLEW P V R I GR P H W E YIR O HQ F H  
QuÉÁ"Áu a "ÉuÁxu Puw á hÀ²yxÀ y OÁu Q² Óx"u xy OàYÖyxÀ dy"áÁíÀ

## f yÉÓ³ À

Ew d shvt xlv d vnyh fr p r r er h v r s u q f l s d o l g h q v l f d u E v t x h p d v l q l f l d v  
Dhvdgds v m y r v h M r g v E v t x h p v l f r v h p x p d d p r w u d g h 20 p x d k h u v y v l p d v  
g h y l r o q f l d g r p w l f d, q r f r q v h l w g h t h a l f l r q d p h q w v d p r u r v r, d v h q g l g d v h p  
h t x l s d p h q w h v s h f l d d " d g r s d u d u h f h e h u p x d k h u v h p v l v x d r g h y l r o q f l d. A  
s h v t x l v d i r l h w v x u d g d v r e d s h u s h f v l y d p h w g r o j l f d g d l q v h u r E f r o j l f d h  
r v g d g r v i r u d p d q d d v d g r v h p g x d v h v d s d v: 1) f r d h v d g h g d g r v t x d q v l v m y r v, f r p  
e d v h p t x h w l r q u r v g h v t x h p d v, l q y h q w u r v g h p r g r v h t x h p v l f r v h g d g r v  
v r f l r g h p r j u i l f r v g d v h q v h y l w d v; 2) s r u p h l r g h l q y h w l j d r h d q d v h g h  
f r q v h g r g h g d g r v t x d d v m y r v h l v d g r v g h h q v h y l w d v h r e v h y d h v g h f d p s r.  
O v u h v x o d g r v p r w u d p d s u h v q d g h h v t x h p d v l q l f l d v g h v d g d s v m y r v,  
s u q f l s d p h q v h q r s u p h l r g r p q l r à D h v f r q h l r h R h r h l r à h q r t x d u r  
g r p q l r à g l u f l r q d p h q w s d u d r x x w r. S x j h u h v h t x h h w d v y d l y h l v s r g h p  
d x p h q v d u y x a h u d e l d g d g h g d v p x d k h u v y l r o q f l d. O v p r g r v g h h q i u h q v d p h q w  
g l v i x q f l r q d l v h q f r q w d g r v q d d p r w u d i r u d p: C d s l v a g r u C r p s a l f h q v h h  
A x w f r q i r u d g r u D h v d j d g r.

**du²uÖÉuÉw-uÖy:** y l r o q f l d, y l r o q f l d f r q w d d p x d k h u y l r o q f l d g h j q h u r, T h u d s l d  
g r E v t x h p d, t h a l f l r q d p h q w f r q n a j d o

## OvÉÉÉwí

T k h p d l q r e r h v l y h r i v k l v u h v d u f k z d v w l g h q v l i' l q l v d o M d a l g d s v l y h S f k h p h v d a g  
S f k h p d v l f M r g h v l q d v d p s d h r i 20 z r p h q y l f v l p v r i g r p h w l f y l r d h q f h, l q v k h  
f r q v h l w r i u r p d q v l f t h a l f r q v k l s v, w h d v h g l q v s h f l d d " h g h t x l s p h q w w u h f h l y h  
z r p h q l q v l v x d v r q v r i y l r d h q f h. T k h u h v d u f k z d v w u x f v x u h g i u r p v k h  
p h v k r g r o j l f d o s h u s h f v l y h r i E f r o j l f d o l q v h u l r q d a g v k h g d v d z d v d q d d " h g l q  
v z r w d j h v: 1) f r a h f v l r q r i t x d q v l v m y h g d v d, e d v h g r q v f k h p d v l f t x h w l r q q d l u h v,  
v f k h p d v l f p r g h l q y h q w u h v d a g v r f l r g h p r j u d s k l f g d v d i u r p v k h l q v h u y l h z v; 2)  
v k u r x j k l q y h w l j d v l r q d a g f r q v h q w d q d d v l v r i t x d d v m y h g d v d h l v u d f v h g i u r p  
l q v h u y l h z v d a g i l h a g r e v h u y d v r q v. T k h u h v x o v v k r z h g v k h s u h v q f h r i l q l v d o  
p d a l g d s v l y h v f k h p d v, p d l q d l q v k h i l u w g r p d l q à D l v f r q q h f v l r q d a g R h r h f v l r q à  
d a g l q v k h i r x u k g r p d l q à v d j h v l a j v k h r v k h u l v l v x j j h w h g v k d w k h v h y d l d e d v  
p d' l q f u d v h z r p h q f v x a h u d e l d w v y l r d h q f h. T k h g' v i x q f v l r q d o f r s l a j p r g h v  
i r x q g l q v k h v d p s d h z h u h: C r p s d d q w S x u h q g h u d a g D h v d f k h g S h o - S r r v k h u  
**ZyáUÀÉxÉH** y l r d h q f h, y l r d h q f h d j d l q w z r p h q, j h a g h u y l r d h q f h, S f k h p d  
T k h u d s', p d u v d o u h a l r q v k l s.

M h w u d h p P v l f r o j l d s h a l  
U q l y h u l g d g h F h g h u d o R x u d o g r R l r  
g h J d q h l u r (U F R R J).

D r x w u d h p P v l f r o j l d.  
U q l y h u l g d g h F h g h u d o R x u d o g r R l r  
g h J d q h l u r (U F R R J)

**Sx¹fAÉuÉÉwíuXÀH** d q d q d C u l w l q d  
g h S r x v d B h u w a g r h M d u l q v

**f y w v "xÀy³** H04/04/2024

**O w y¹fA y³** H03/05/2024

**dÖv²wuxÀy³** H23/12/2024

**Q¹uÉ** T r d g r, C. M. B., & P h l l r w, A.  
C. g h A. (2024). E v t x h p d v l q l f l d v  
g h v d g d s v m y r v h p r g r v  
h v t x h p v l f r v h p p x d k h u v y v l p d v  
g h y l r o q f l d g r p w l f d. *M r v d l f r:*  
*E v x g r v h p P v l f r o j l d* 12(1), 117 à  
128.

**W h f c R i c**

Dxudqvn p xlvw vnp s r , dylr o qfld fr qvud d p xdkuhwvnyh s u r v n j l g d s r u s u q f s l r v g d l q y l r æ l d g d g h g d y l g d s u y d g d . F r l r p r y l p h q w i h p l q l w d t x h w r x | h w q d d y l r o q f l d g h j q h u r f r p r x p s u r e d n p d g h g l p h q v r s e d f d h f r d n y d , d u d y v g d g h q q f l d h g d æ w d f r q v u d d v i r u p d v l q w l x f l r q d l v h q r l q w l x f l r q d l v g h g r p q l r g r p d v f x d q r ( S l g y h l u d , N d g l u & S s l a g g d u 2 0 1 4 ) . A s h v d u g r v d y d q r v q h w d u h d , r v g d g r v h w d w l f r v d s r q v l p t x h d l q g d k p x l w d v h i d " h u s d u d p l v j d u h w h v l s r g h y l r o q f l d . A d n h u d x u d p r w u d t x h d y l r o q f l d f r q v u d d p x d k h u d f r q v n f h h p w g d v d v f æ w h v r f l d l v h p w g d v d i d l | d v h w u d v , d s u h v q v d q g r - v h g h g l y h u d v i r u p d v . N r d q r 2 0 1 7 k r x y h x p f u h v l p h q w g r i h p l q l f g l r q r B u d l o f r p x p d p g l d g h 1 3 d w d w l q d w v s r u g l d , r x v h r d , i r u d p 4 . 9 3 6 p x d k h u v p r u d v d r æ q j r g r d q r ; r p d l r u q p h u r u h j l w u d g r g h v g h r d q r g h 2 0 0 7 ( I P E A & F B S P - 2 0 1 9 , 2 0 1 9 ) .

E p u h æ r y l r o q f l d g r p w l f d , k r x y h x p d j u d y r f r p r d g y h q w g r l v æ l p h q w v r f l d o h p i x q r g d s d q g h p l d s h æ q r y r f r u r q d y u x v ( S A R S - C O V 2 ) , v æ l p e p q r p h d g r g h C O V I D - 1 9 ( M l q l w u l r g d S d g h , 2 0 2 0 ) . N h w h f r q v n | w , p x l w d v p x d k h u v h p v l x d r g h y l r o q f l d i r u d p r e u j d g d v d i l f d u h p f d v d f r p r v h x d j u h v r u C r p l w r , d D h i h q v r u d P e d f d g r E w d g r g r R l r g h J d q h l u r u h æ w x x p d x p h q w g h 5 0 % q r v f d v r v g h y l r o q f l d g r p w l f d q r E w d g r g x u d q v n r v s u p h l u r v g l d v g r s h u r g r g h l v æ l p h q w ( G d y d q l , 2 0 2 0 ) .

A y l r o q f l d g r p w l f d x p i h q p h q r v r f l d æ p x æ l i d w u d d o h , s r u l w r , v h w u d f r p s d n | r h g h q r w æ x p d u h æ r g l u h æ h q w h d l q i h u r u " d r g r j q h u r i h p l q l q r h d y l r o q f l d f r q v u d d p x d k h u ( M h q g h v h w A q 2 0 2 0 ) . E q v u h v æ q w , s d u d d o p g d v t x h w h v g h j q h u r , s u h f l v l q y h w l j d u v æ l p e p d v s h f w v f r j q l v y r v , h p r f l r q d l v h f r p s r u æ l p h q v l v t x h s r g h p s u r p r y h u h / r x p d q v n u h æ l h v y l r d n q v d v . N h w d s h u s h f v l y d , d T h u d s l d g r E v t x h p d ( T E ) i r u q h f h e d v h s d u d r h w x g r h f r p s u h q v r g d y l r o q f l d q d v u h æ l h v f r q r æ j d l v .

E v t x h p d v v r x p d i r q v n g h h p r r , y l y q f l d , f r j q l r h f r p s r u æ l p h q w t x h r u h q v æ l p d p d q h l u d s h æ t x d o v h s r g h s h u f h e h u h u s u h v h q v u r p x q g r , s r u f r q v h t x q f l d , d i r u p d f r p r v h y l y h r v u h æ l f l r q d p h q w v ( R h l v & A q g u r æ , 2 0 1 9 , s . 1 7 ) . E v t x h p d v l q l f l d l v D h v d g d s v æ l y r v ( E I D ) v r i r u p d g r v d s d u l u g d u h æ l r h q w h r v n p s h u d p h q w h p r f l r q d o h | s h u q f l d v f r p i l j x u d v g h d i h w q d l q i q f l d h r q y h o g h d v n a g l p h q w g d v s u s u d v q h f h w l g d g h v h p r f l r q d l v e v l f d v g h d f r u g r f r p f d g d i d v h g r g h v h q y r g l p h q w ( W d l q h u h w d o , 2 0 1 6 ) .

N d l q v h u d r g h s r x f d r x q h q k x p d t x d d g d g h f r p s h w r d v l j q l i l f d v l y d v h q r q r d v n a g l p h q w g d v q h f h w l g d g h v e v l f d v h p r f l r q d l v , d j x q v f r p s r u æ l p h q w v g l v i x q f l r q d l v s r g h p v h p d q l i h w æ l d r æ q j r g r g h v h q y r g l p h q w . E w h v f r p s r u æ l p h q w v , f r q v l g h u d g r v g h v d g d s v æ l y r v , g h v g r e u d p - v h f r p r u h v s r w æ l d x p h v t x h p d , v h q g r s u r y r f d g r v s h æ v p h v p r v t x h , h p e r u d q r i d d p s d u h g h d n , d l q g d v n u r u h æ l r f r p r v h w l æ v g h h q i u h q v æ l p h q w . A u h v s r w æ l d h w h v h v t x h p d v v r r v p r g r v , r x v h r d , x p Ø r q r æ q w g h h v t x h p d v r x r s h u d h v g h h v t x h p d v à d g d s v æ l y r v r x g h v d g d s v æ l y r v à t x h v h u r d v l y d g r v q r l a g g y g x r h p x p g d g r p r p h q w i ( Y r x q j , K æ v n r & W h l v k d d y 2 0 0 8 , s . 4 8 ) .

O v M r g r v E v t x h p v l f r v ( M E ) v r p r g h æ v f d u d f v n u w l f r v g h i x q f l r q d p h q w g h x p d s h w r d , r x v h r d , d p d q h l u d f r p r d s h w r d v h f r p s r u æ l p h p g h v n u p l a d g r p r p h q w , v r e u h v x g r q d v u h æ l h v l q v n u s h w r d l v , q d v t x d l v k d v l y d r h p r f l r q d o ( W d l q h u h w d o , 2 0 1 6 ) . N r v u h æ l f l r q d p h q w v q v l p r v , x p d v u h g h u h d h v h u h v s r w æ l g h v d g d s v æ l y d v s r g h p s u r y r f d u x p d l q v h u d r q r f l y d q d u h æ l r , r t x h s r g h l a y l d e l d " d u d y d d g d r h u h f r q k h f l p h q w g d v q h f h w l g d g h v h p r f l r q d l v g d f r p s d q k h l u d r x f r p s d q k h l u r . A T E g h v f u h y h t x d w r v l s r v

s ulqfIs dlvg h p r gr : p r gr f u d q d, p r gr v g h q i u h q v l p h q w g h v d g d s v l y r , p r gr v s d l v g l v x q f l r q d l v h p r gr d g x o w v d x g y h o C d g d x p l u h v s h k d u f h u w v h v t x h p d v ( f r p h l f h r gr d g x o w v d x g y h o h g d f u d q d i h d ) r x f r u s r u l f d u f h u w v l s r v g h q i u h q v l p h q w ( Y r x q j , K o v n r & W h l v k d d y 2008, s . 51).

O h w x g r v r e u h r i h q p h q r g d y l r o q f l d g r p w l f d f r q w d d p x k h u q h w d s h v t x l v d i r l f r q w x g r d s d u l u g r v f r q f h l v v g h E v t x h p d v l q l f l d l v D h v d g d s v l y r v h r v M r g r v E v t x h p w l f r v , u h i h u q f l d g r v q d T h r u d g r E v t x h p d g h J h i i u h ' E . Y r x q j ( Y r x q j , K o v n r & W h l v k d d y 2008). N h w d s h u s h f v l y d , h q v h q g h - v h t x h r v p r g h o v p h q v l v g h f r p r d p d u h v h u d p d g r v r f r q w x g r v d s d u l u g d v h l s h u l q f l d v f r p r v f x l g d g r u h v h f r p r x w d v i l j x u d v u s u h v h q v l y d v q r g h v h q y r o l p h q w g r v x r h l w . T d l v p r g h o v f h u d p h q v h s r g h u r v h u x l v d " d g r v f r p r s o l v d i r u p d s d u d y l y h q f l d u d v i x v u d v u d h o l h v q v l p d v ( P d l p , 2019).

N r l q v l w g h d p s o d d u r f r q k h f l p h q w v r e u h h w d v h p w l f d w r q h f h w u d h g h v d i l d g r u d , r s u h v h q v h d u l j r d s u h v h q v l x p h w x g r v r e u h E v t x h p d v l q l f l d l v D h v d g d s v l y r v h M r g r v E v t x h p w l f r v h p p x k h u h v y l p d v g h y l r o q f l d g r p w l f d q r f r q v h l w g r v u h o l f l r q d p h q w v d p r u r v r , d f r p s d q k d g d v h p x p h t x l s d p h q w g h s u r v h r h v s h f l d d " d g r q r d v h q g l p h q w p x k h u h v y l p d v g h y l r o q f l d h p x p x q l f s l r g r R l r g h J d q h l u r .

## a Shc Rc \_c UW

T u d v d - v h g h x p h w x g r d s d f d g r h h l s o u d w u r f r p x p d d e r u d g j h p t x d q v l v l y d - t x d d v l y d , v h j x l q g r d f d p s r v r e d s h u s h f v l y d v h u f d g d l q v h u r E f r o j l f d ( K r o h u & M r u d h v , 2016). O h w x g r g r v g d g r v v h g h x d s d u l u g d v h r u d g h d q d v h g h f r q v h g r g h B d u g l q ( B d u g l q , 1977). A o p g l w r , d v d r h w u d g d d q d v h v h j x l x d v v h j x l q v h v h v d s d v : d h l x u d i o x v d q v h , h l s o u d r g r p d v h u d o f r g l i l f d r , f o l w i l f d r h f d v h j r u d r .

A s u r s r w d g d s h v t x l v d i r l l q y h w l j d u d u d h o l r h q v h E v t x h p d v l q l f l d l v D h v d g d s v l y r v h M r g r v E v t x h p w l f r v f r p r i h q p h q r g d y l r o q f l d g r p w l f d f r q w d d p x k h u P d u d v o l o e x v f r x - v h q r d s h q d v d p h q v x u d r g r v l q w x p h q w v x l v d " d g r v h p f d p s r , p d v o l p e p d l q v h u h r h l q v h u r f x r h q v h h w x g r v d q v h u r u h v , r e v h u y d h v h y l y q f l d v g d s h v t x l v d g r u d h p f d p s r , t x h g x u x x p d q r ( 2020/2021), e h p f r p r r u h o l w g d v p x k h u h v , e x v f d q g r , d w l p , f r p s u h q g h u g h p d q h l u d d p s o l r i h q p h q r g d y l r o q f l d f r q w d p x k h u

O w d e d d k r g h f d p s r i r l g h v h q y r o l g r d w d y v g r p w g r g d l q v h u r E f r o j l f d ( I E ) , x p d s u r s r w d p h w g r o j l f d g h v h q y r o l g d d s d u l u g r v s u h w x s r w r v h u f r v g d v h r u d B l r h f r o j l f d ( B u r q i h q e u h q q h u 1996), f r p r r e r h v l y r g h r u h q v l u s h v t x l v d g r u h v q r f d p s r g h l q y h w l j d r . A I E h w i x q g d p h q v l g d q d T h r u d g r v S l w h p d v E f r o j l f r v , t x h s u s h p r h w x g r g r g h v h q y r o l p h q w k x p d q r d s d u l u g h x p p r g h o f l h q w l f r t x h h q y r o l g d l q v h u d r h q v h t x d v r q f o r v : r s u r f h w r , d s h w r d , r f r q v h l w h r v h p s r , g h q r p l q d g r p r g h o e l r h f r o j l f r ( B u r q i h q e u h q q h u 1996; K r o h u & C h f f r q h o r , 2016, s . 41).

O s u p h l u r q f o r , s u r f h w r , v d v d g r p r g h o g h l q v h u d r g r v x r h l w f r p r v h x d p e l h q v h , r x w d v s h w r d v , r e r h w v h v p e r o v . O v h j x q g r , t x h g l " u h s h l w s h w r d , i d " u h i h u q f l d d f d u f v h u w l f d v e l r o j l f d v , i v l f d v h s v l f r o j l f d v t x h , q d u d h r f r p r v h x d p e l h q v h , v r s u r g x w v h s u r g x " h p g h v h q y r o l p h q w h l q i o x h q f l d u r r v s u r f h w r v s u r l p d l v s r u v x d v q h f h w l g d g h v g h u f x u r v h i r u d v . O v h u f h l u r q f o r , g h q r p l q d g r f r q v h l w , v h p u d h r f r p r o x j d u l p h g l d w g d s h w r d , v h r d h o n d f d v d , d h v f r o l , r w d e d d k r , h q v h r x w r v o x j d u h v t x h h v d s h w r d s r w d h w d u l q v h u l g d , s h u p l v q g r t x h k d r d x p d w r f d i d f h d i d f h x p d l q v h u d r

ghfrqly qfldtxhsurpryhsurfhwrsur|lpdlv.Otxduwq fdr r vhp sr, hhwshs husdwdwgr r surfhwr gr ghvhqyr qlyp hqw, frpr dsr ovlfdhrvydshvgr p lqdvhv (Krøhu Pdaqr & Mr udhv, 2016, s. 299).

Asduwugd lqvhu r Efr o j lfd, irudp revhydgr vrvtxdvr hdp hqw vgr ghvhqyr qlyp hqw kxp dqr: ds hwr d, txh qhwh fdr wdv-vh gdp p xdkuhv y vlp dvgh ylr o qfldtxh exvfdudp dngdqr ht xlsdp hqw; r surfhwr, ylw qd uad r ghwdvp xdkuhv frp dvwfqlfdv; r fr qvhl w, rx vhrd, dlqia qfldgr dp elhqvgr ht xlsdp hqw qd ylgd ghwdvp xdkuhv; h r vhp sr (p dfr vhp sr), txh ir l r prp hqw hp txh dshvt xlvdr fr uhx, fr qvghudqgr r fr qvhl w gdsdqghp ldgh COVID-19.

Crpsuhqghqgr txhr surfhwr hvxdvuhd hvsur|lpdlvr, hp hvs hfldqr vsdqfisdvphfdqlvr v uhvsrqv yhlvs hør ghvhqyr qlyp hqw kxp dqr dvhufr qvhp s dgr hshqvdr qrp wgr gd lqvhu r Efr o j lfd (Burqihqethqqhu 1996), exvfrx-vh, dwdy vgr gl ur ghfdp sr, uhj lwdudv lqvhu hvhdvuhd hvghy qfxør ghvhqyr qlygdv hqvhdvsduwlsdqvhdv dwfqlfdvgr ht xlsdp hqw.

O f d o g h h w x g r i r l r C h q w r E v s h f l d d g r g h A v h q g l p h q w M x d k h u (C E A M) g d f l g d g h g h N r y d l j x d x, B d l d g d F o p l q h q v g r R l r g h J d q h l u r . O h t x l s d p h q w , t x h l q l f l r x v x d v d w y l g d g h v h p i h y h u l u r g h 2005, ir l p s d p h q v d g r f r p r x p d g d d h v s u r u w u d v g d C r r u g h q d g r u d g h P r o v f d v s d u d M x d k h u v g d f l g d g h g h N r y d l j x d x (C P M - N I) . T u d v - v h g h x p v h u y l r j u d v l w v p x d k h u v y v l p d v g h y l r o q f l d g r p w l f d , i d p l d d u h v h x d o d s d u l u g r v 18 d q r v g h l g d g h , t x h i r u g h f h d f r d k l g d , r u h q v d r h d f r p s d q k d p h q w f r p d v l w h q v h v r f l d o s v l f o j d h d g y r j d g d . C r q w d l q g d f r p d v h q g l p h q w s v l f r s h g d j j l f r , l q l f l d g r h p 2017, s d u d v f u d q d v , i l d r v h i l d k d v , g h p x d k h u v y v l p d v g h y l r o q f l d t x h d s u h v h q v d p g l i l f x o g d g h v h v r u l h v .

## dOf h w w O b h S g

A d p r w u d g h w d s h v t x l v d i r l f r p s r w d s r u 20 p x d k h u v , f r p l g d g h v h q w h 30 h 69 d q r v , y v l p d v g h y l r o q f l d g r p w l f d q r f r q v h l w g r u a l f l r q d p h q w d p r u r v r , t x h v y h u d p r s u l p h l u r d v h q g l p h q w s h o C E A M h q w h 2015 h 2021. T r g d v d p x d k h u v u h v l g d p q d f l g d g h g h N r y d l j x d x , B d l d g d F o p l q h q v h , q r s h u r g r h p t x h v r i h u d p d j u h w r .

## Wghf i a Sbhc g

U p g r v l q w x p h q w v x v l d d g r v s d u d f r d w u d g d g r v i r l r Q x h w l r q u r g h E v t x h p d v g h Y r x q j à y h u r u h g x " l g d ( Y r x q j S f k h p d Q x h w l r q q d l u h Y S Q - S 3 ) , f r p 90 t x h w h v , d y d d d q g r 18 E v t x h p d v l q l f l d l v D h v d g d s w a y r v ( W d l q h u h w d o , 2016) : P u l y d r E p r f l r q d o A e d q g r q r ; D h v f r q i l d q d / A e x v r ; l v r a l p h q w S r f l d o A d h q d r ; D h i h f v y l g d g h / V h u j r q k d ; F u d f d w r ; D h s h q g q f l d / l q f r p s h w q f l d ; V x a q h u d e l d g d g h ; E p d u d q k d p h q w ; S x e m j d r ; A x w w d f u l i l r ; l q l e l r E p r f l r q d o P d g u h v l q i d h y h l v ; G u d q g l r v l g d g h / A u r j r ; A x w f r q w r d h A x w g l v f l s d q d l q x i l f l h q v h v ; B x v f d g h A s u r y d r ; N h j d w y l v p r ; h , P r w x u d P x q l v y d .

O t x h w l r q u r x p l q w x p h q w g h x v r d y h t x h i r l w d g x " l g r h d g d s v d g r s r u J . P l q w G r x y h d , D . R l m h M . C . S d y d g r u 2005. O v l h q v g r t x h w l r q u r u h i h u p - v h v f u h q d v h s u h w x s r w v v s l f r v g h f d g d E I D . E w d i r u p d u h g x " l g d p d l v u s l g d , p h q r v f d q v d y d h f r q w d p q h a d v h q v h q d v g h p d l r u h s u h v h q v d y l g d g h g h f d g d E I D ( W d l q h u h w d o , 2016) . C r q f h u g h h p x p l q w x p h q w g h d x w d s d f d r , q r t x d o r v x r h l w v h d x w d y d d d h p u a d r d r t x d q w f d g d d i l u p d w y d r g h v f u y h , d s d u l u g h x p d h v f d a d L l n h u g h 6 s r q w v , v h q g r : g h 1 = f r p s d h v l p h q v h i d o r , l w r , q r v h p d e v r a v l p h q v h q h q k x p d u a d r f r p t x h d f r q v h f h f r p l j r , d 6 = g h v f u y h - p h s h u h l v p h q v h , l w r , v h p w v o l u a d r f r p r t x h d f r q v h f h f r p l j r . O v u h v x o d g r v i r u d p





s uhvqfldo gdv hwæj l udv gh s vfr æ j ld, t x h s d u f l s d u d p g h w h h w x g r u h d d " d q g r d v w d q v f u l h v g d v h q w h y l w d v.

Tr g d v d s u r y l g q f l d v v d q l w u d v h p i x q r g d s d q g h p l d g h COVID-19, f r q i r u p h r u h q v d r g r M l q l w u l r g d S d g h, h w æ y d p l p s d h p h q v l g d v q r h t x l s d p h q w h i r u d p v h j x l g d v u j r u r v d p h q v h s h æ l s h v t x l v d g r u d h s h æ l y r æ q w u d v. O h t x l s d p h q w i x q f l r q r x f r p r s e d f r u h g x " l g r, v h p d j æ p h u d h v q r æ f d o d o p g h w g d v d v d æ l s r v x u h p d f r r o h p j h o g l v s r q y h o d r s e d f r. T r g r v r v i x q f l r q u r v s u h v h q v h v h w æ y d p v d e d d k d q g r h p v l w h p d g h s æ l q w r h d x v l d " d r g h p v f d u d h u d r e u j d w u d q r æ f d o

O v h q f r q w r v g d s h v t x l v d g r u d f r p d v y r æ q w u d v v h j x l u d p w g r v r v s u r w f r æ v g h v h j x u d q d g r M l q l w u l r g d S d g h s d u d h y l v d u f r q w j l r v s h æ q r y r f r u r q d y u x v. F r l d s d f d g d d h q w h y l w d s d g u r q l " d g d, f r p s h j x q v d i h f k d g d v h d e h u d v, q d t x d o f r q w r x l q i r u p d h v v r f l r g h p r j u i l f d v, x p u d w h d p h q w v r e u h k l w u d f r g h y l r o q f l d, v l q w r q r p e l w i d p l d d u g x u d q v h d l q i q f l d h d g r d h v f q f l d, f r p r h p u h æ l f r q d p h q w v d w x d v. A v h j x l y r Q x h w l r q u r g h E v t x h p d v, y h u r u h g x " l g d h, s r u æ l p r, r l q y h q w u l r g h M r g r v E v t x h p v l f r v.

O v h p s r g h g x u d r g r v h q f r q w r v i r l e d w æ q v h y d u d g r, g h s h q g h q g r g d g l i l f x æ d g h g d v y r æ q w u d v, g d q h f h w l g d g h g h i d æ l r x g h d s u r | l p d r f r p d s h v t x l v d g r u d. C r p r s r v x h p x p d e r d u h æ l r g h y q f x æ f r p d v w f q l f d v g r h t x l s d p h q w, h u d h v s h u d g r g d s h v t x l v d g r u d r p h v p r d f r æ l p h q w h u h f h s v l y l g d g h. P r u y h " h v, h u d u h d d " d g d x p d e u y h f r q y h u d v r e u h y l r o q f l d g r p w l f d, d e r u d q g r v æ p e p d l p s r u w q f l d g d s h v t x l v d h x p t x h w l r q d p h q w v r e u h d k l w u d g h y l g d g d y r æ q w u d. O v h q f r q w r v y d u d u d p h q w h 1 k 30 p d w 4 k g h g x u d r.

A w x æ g h f r p s d h p h q v l u d g d g h, d v l q i r u p d h v v r e u h u d d, v h p s r g h d f r p s d q k d p h q w q r h t x l s d p h q w h v h p s r q r t x d o d y l r o q f l d s h u g x u x, i r u d p f r d h v l g d v g r F r u p x o u r g h P u r w f r æ g h A v h q g l p h q w g r h t x l s d p h q w.

A s h v t x l v d i r l v x e p h v l g d d r f r p l w g h v l f d y l d P æ d æ i r u p d B u d l o d s u r y d g r v r e d l q v f u l r 4.590.994. S h q g r r u h q w l g d g h d f r u g r f r p d R h v r æ r 466/12 g r C N S (C r q v h æ r N d f l r q d o g h S d g h), t x h u j x æ l p h q v d d s d u f l s d r g h v h u v k x p d q r v h p s h v t x l v d v. A g h p d l v, w g d v d v s d u f l s d q v h v i r u d p h v f æ l u h f l g d v t x d q w s h v t x l v d h v x d s d u f l s d r g h i r u p d y r æ q w u d, e h p f r p r u h f h e h u d p h d w l q d u d p r T h u p r g h C r q v h q v l p h q w L l y h h E v f æ l u h f l g r.

P d u d f r d h v l g h g d g r v, i r l x v l d " d g d x p d g d v v d æ l v g h d v h q g l p h q w v p x æ k h u v y v l p d v g h y l r o q f l d q r s u s u r h t x l s d p h q w h h p r x w r v p r p h q w v r d x g l w u l r, j d u d q v l q g r r v l j l æ g d v l q i r u p d h v. T r g r v r v g d g r v g d s h v t x l v d h w r h p f r q i l g q f l d h i r u d p x v l d " d g r v h | f æ v l y d p h q v h s d u d i l q v f l h q w i l f r v.

## f Sgi \_hORc g S R W Qi gg c

A j q h v h g d i r u p d r g h E I D v h w q d v q h f h w l g d g h v h p r f l r q d l v e v l f d v q r d v h q g l g d v g d f u d q d, r x v h r d, f d v r v x d v u h æ l h v d i h v l y d v q d l q i q f l d q r v x s u d p h w d v q h f h w l g d g h v, E I D v h v s h f v l y r v d r v v h x v D r p q l r v E v t x h p v l f r v (D E v) v h u r i r u p d g r v s d u d d x | l d d u h w d s h v r d d d g d u f r p r v h x f r q v h | w h d v f d u f l v h u w l f d v t x h r h q y r g y h p (W d l q h u h w d o, 2016, s. 19).

N d T d e h æ l 1, f r p e d v h h p Y r x q j, K æ v n r h W h l v k d d u (2008), r v E I D v h q f r q w d g r v q d d p r w æ d g h p x æ k h u v.

**huvy<sup>2</sup>u:** 6Evt xhp dv lqlf ldlv Dhvdgds vMyr hqfr qwdgr v qd dp r wvd gh p x&huhv.

SÊÇÓy <sup>3</sup> uÊŴŴu'ÊRyÊuxuÁíuí'ÔÄÊ	RyÊvÉ' À
Dhvfr qildq d h dexvr	Evs hud-vh t xh r v r xwv lu r vhp s uh p df kxfdu dexvdu kxp l&du hqj d&du p hqvlv p dqls x&ur x ds ur yhlv&u-vh.
Vx&hude l&gdgh	Mhgr h  fhwlyr ght xh xp df dwv& ih lu r fr uhud t x d& xhup r p hqvr h ght xh q r k fr p r lp s hglu
lqlel r hp r flr qdo	Dhp d&dg d lqlel r gh d hv hvs r qwqhdv, vhqvlp hqvr v r x fr p xqlf d r , j hud& hqv& s dud hylv&u ths ur yd r .
Nhj d&ylvp r	Fr fr h  fhwlyr qr v dvs hf v v qhj d&lyr v gd ylgd, vr i&lp hqvr , p r u&h, s hugd, ghfhs r hvf.
Plyd r hp r flr qdo	Shqvlp hqvr ght xh r ghv&m gh v&uxp j u&x vd&widw &lr gh ds r lr hp r flr qdo q r vhu vd&vhlw dght xdgdp hqv& s h&v r xwv v.
lvr &lp hqvr vr fldoh d&hqd r	Shqvd r gh hv&u lvr &lgr gr uhwv gr p xqgr , s hufhs r gh vl fr p r v&qgr glihuqv& gdvr xw&dv shvr dv, ght xh q r s hu&h&f h d qh&qxp j u&s r r x fr p xqlgdgh
Fudf dvr	Fudf dvr x r x iudf dwdu , r x q r wr er p fr p r r v ghp dl v hp th& r v vx dv fr qt xlw&v.
Aedqgr qr	Phufhs r gh t xh r v r xwv v gh t xhp d shvr dp dlv ghs hqgh r x fr p t xhp p dlv fr qv& lu dedqgr q -& s dud vhp s uh.
Dhihf vylgdgh h yhj r qkd	Shqvlp hqvr gh v&hghihlv& r vr , id&r , p dx, lqghv&rdgr , lqih&ur x lqy &gr hp d&s hf v v lp s r u&qv&v, r x gh q r p hu&f lp hqvr gr dp r u gdv shvr dv t xh v r lp s r u&qv&v t xdggr hww hp fr qv&v fr p h&v.
Ep dudqkdp hqvr	Eqyr &ylp hqvr hp r flr qdoh lqvlp l&gdgh hp h  fhvr fr p xp d r x p dlv shvr dv lp s r u&qv&v.
Sx&mj d r	Sxep lw r h  fhwlyd dr fr qvr &gr vr xwv v.
Pdgu hv lqih  yhlv	Cuhq d gh t xh s uhf lvd id" hu xp j u&qgh hvir u r s dud d&lj lu h&ydgr v s dgu hv lqv&u&dd" dgr v gh fr p s r u&lp hqvr h ghvhp s h&kr , qr up d&p hqv& s dud hylv&u f u v l f dv.
Gudqglr vlgdgh	Cuhq d gh t xh v xsh&ur v r xw&dv shvr dv.
Axw vdf uli flr	Madqwp -vh h  fhwlydp hqv& ir f&gd hp d&v&ghu yr &qv&uld p hqv& dv qhf hv l&gdgh v gr v r xwv v hp v&x&d hvgr gld d gld fxw&gd s u s d j u&v l f d r .

A vhj xlu d Tdeh& 2 ds uhvqvd r s huf hqv& do gr v EIDv hqfr qwdgr v dv&dy v gr Qxhw&r q &lr gh  
Evt xhp dv (YSQ-S3) qd dp r wvd gh p x&huhv, ds du&ugd p gld gh fr u&h 4,5.

**huvy<sup>2</sup>u?**. Evt xhp dv lqif ldlv Dhvdgds v<sup>2</sup>Myr v > r x = d 4.5

SÊÇÓy <sup>3</sup> uÊŴ'Ŵu'ÊRyÊuxuÁíul'ÔÁÊ	RuxÀÊ/u <sup>3</sup> ÀÊÉu1	z/, 1
Axw wdf uli flr	8	40,00%
Dhvfr qildq d h Aexvr	3	15,00%
Vxæhude ldgdgh	3	15,00%
lqlel r	3	15,00%
Nhj d <sup>2</sup> ylvp r	3	15,00%
Pulyd r Ep r flr qdo	2	10,00%
lvr æp hqwr h Adhqd r	2	10,00%
Fudf dvr	2	10,00%
Aedqgr qr	1	5,00%
Dhihf vylgdgh h Vhuj r qkd	1	5,00%
Ep dudqkdp hqwr	1	5,00%
Gudqglr vlgdgh	1	5,00%
Sxæmj d r	1	5,00%
Pdgu hv lqidh  yhlv	1	5,00%

O EID gh Axw wdf uli flr ds duhf hx hp 40% gd dp r wvd. Ar dp s ddud p gld gh fr u<sup>2</sup>h s dud 4, r q p hur gh p xæhuhvt xh ds uhvqwp hwh hvt xhp d<sup>2</sup>wxeludgh 8 s dud 11 p xæhuhv, r x v<sup>2</sup>rd, p dlvgd p hvdgh gd dp r wvd.

A d<sup>2</sup>h<sup>2</sup>ud<sup>2</sup>ud vxj huh t xh ds hwr d fr p r EID gh Axw wdf uli flr p dqwp -vh h| fhwydp hqvn ir fdgd hp d<sup>2</sup>h<sup>2</sup>qghu yr æqv<sup>2</sup>ldp hqvn dv qhf hwlgdghv gr v rxwv hp v<sup>2</sup>vd hv gr gld d gld v fxw<sup>2</sup>vd gd su sld j ud<sup>2</sup>ilfd r. Tdofr p s r u<sup>2</sup>dp hqwr r fr u<sup>2</sup>h s hæp r vlyd r hp q r t xh<sup>2</sup>us ur yr fduv i<sup>2</sup>dp hqwr qr v rxwv, hylvdu fxæd gh vh v<sup>2</sup>hqluhj r v<sup>2</sup>dr x vh p dq<sup>2</sup>huf r qhf v<sup>2</sup>lgr fr p dvr xw<sup>2</sup>ds hwr dv, dvt xdlvs huf heh fr p r qhf hwlvdgdv (Yr xqj , Kævnr & Whlvkddy 2008, s. 30). A vxep lw r gr vs u s lrv ghv<sup>2</sup>hmv s dud d<sup>2</sup>h<sup>2</sup>qghudv qhf hwlvdgdhv r x r v ghv<sup>2</sup>hmv gr v fr p s dqkhlv r lqglfr x d dp s dd r gd yxæhude ldgdgh ghwdv p xæhuhv d v<sup>2</sup>vd hv gh ylr o qfld gr p w<sup>2</sup>ld.

Shj xqgr Pd<sup>2</sup>lp h Cd<sup>2</sup>gr vr (2019), r EID gh Axw wdf uli flr s r gh fr ur er uds dud glilfxægdgh gh vh s r v<sup>2</sup>lfr qduqd gh<sup>2</sup>hvd gh v<sup>2</sup>hxv gluhl<sup>2</sup>v, v<sup>2</sup>lofr p r qd vr d<sup>2</sup>flvd r gr d<sup>2</sup>h<sup>2</sup>qglp hqwr v vxdv qhf hwlvdgdhv s hwr dl<sup>2</sup>v, d<sup>2</sup>vlp , q r vh v<sup>2</sup>hqlqgr qr gluhl<sup>2</sup>v gh v<sup>2</sup>huxdv qhf hwlvdgdhv hp r flr qdlvj dudqvlgdv, p dq<sup>2</sup>h<sup>2</sup>qgr u<sup>2</sup>æf l<sup>2</sup>r qdp hqwr v vhp uhfls ur flgdgh h fr p s r xfd lqvlp lgdgh. s r w yhou<sup>2</sup>æf l<sup>2</sup>r qduhwh gdgr fr p r v<sup>2</sup>hp s r gh s hup dq qfld ghwdv p xæhuhv qdv u<sup>2</sup>æ hvylr d<sup>2</sup>h<sup>2</sup>qv. Ag xp dv ghwdv p xæhuhv vh v<sup>2</sup>hlj qdudp , de<sup>2</sup>lqgr p r gh v<sup>2</sup>hxv gluhl<sup>2</sup>v, h p xlv<sup>2</sup>dyh" hv v<sup>2</sup>hqlqgr -vh fxæd gdv h vhp p huf l<sup>2</sup>p hqwr gh xp u<sup>2</sup>æf l<sup>2</sup>r qdp hqwr vdxg yho

Sreth d ylv<sup>2</sup>pl" d r gd ylr o qfld, Pd<sup>2</sup>lp h Fd<sup>2</sup>nh (2018) uhy<sup>2</sup>æudp t xh r v hvt xhp dv gh gh<sup>2</sup>ihf vylgdgh/yhuj r qkd, v<sup>2</sup>lqwr hp p xæhuhv t xdqwr hp kr p hqv, h hvt xhp d gh ghvfr qildq d/dexvr , hp kr p hqv, ir u<sup>2</sup>dp s huf helgr v fr p r s uhglw uhv gh ylr o qfld i v<sup>2</sup>ld vr i<sup>2</sup>ldgd qdv u<sup>2</sup>æ hv qvlp dv, s r lv ds uhvqwp d<sup>2</sup>xv qfld gh fu<sup>2</sup>v<sup>2</sup>lvp r h u<sup>2</sup>hnl r. O du<sup>2</sup>lj r ghw<sup>2</sup>ld, dlqgd, t xh r v EIDS gh s lvp hlur gr p qlr vh dvr fldp p dqxv<sup>2</sup>h r gh u<sup>2</sup>æ hvylr d<sup>2</sup>h<sup>2</sup>qv. G qj u(2015) v<sup>2</sup>dh<sup>2</sup>qv<sup>2</sup> t xh EIDv u<sup>2</sup>ihuhqv<sup>2</sup>h s lvp hlud hv<sup>2</sup>ds d hyr ævlyd hwr u<sup>2</sup>æf l<sup>2</sup>r qdgr v glilfxægdgh hp h<sup>2</sup>w<sup>2</sup>deh<sup>2</sup>df huy qf xæ v, r t xh d<sup>2</sup>fded s r uvh w u<sup>2</sup>qduxp r ewvfxæ s dud xp d u<sup>2</sup>æ r d<sup>2</sup>whulyd h v<sup>2</sup>h<sup>2</sup>widw u<sup>2</sup>d.

Nr v. thv. x. d. g. r. v. v. d. p. e. p. i. r. l. r. e. v. h. y. d. g. r. x. p. d. s. u. h. g. r. p. l. q. q. f. l. d. g. h. v. t. x. h. p. d. v. s. h. u. t. q. f. h. q. v. h. v. d. r. s. u. p. h. l. u. r. g. r. p. q. l. r. ( D. h. v. f. r. q. h. | r. h. R. h. r. h. l. r. ) q. d. v. h. q. v. h. y. l. w. d. g. d. v. l. w. s. r. v. w. r. , h. q. v. h. q. g. h. - v. h. t. x. h. h. w. h. v. f. r. q. v. l. e. x. h. p. s. d. u. d. d. v. d. r. h. p. d. q. v. h. q. r. g. h. u. d. l. v. q. d. v. t. x. d. l. v. h. d. v. r. i. l. f. l. d. p. h. q. v. h. q. r. v. h. u. r. v. x. d. v. q. h. f. h. w. l. g. d. g. h. v. h. p. r. f. l. r. q. d. l. v. d. v. h. q. l. g. d. v.

A. T. d. e. h. d. 3, d. s. u. h. v. h. q. v. d. l. r. u. h. v. x. d. g. r. g. r. d. j. u. s. d. p. h. q. w. g. r. v. E. I. D. v. s. r. u. g. r. p. q. l. r. v. h. t. x. h. p. v. l. f. r. v.

**huvy<sup>2</sup>u A.** E. v. t. x. h. p. d. v. l. q. l. f. l. d. l. v. D. h. v. d. g. d. s. v. l. v. y. r. v. s. r. u. D. r. p. q. l. r. E. v. t. x. h. p. v. l. f. r.

RÄ <sup>3</sup> Á <sup>3</sup> À <sup>3</sup> Ê <sup>3</sup> Ó <sup>3</sup> Ý <sup>3</sup> Í <sup>3</sup> W <sup>3</sup>	RuxÄÊ/u <sup>3</sup> ÄËÉu <sup>1</sup>	z/, 1
1 Dr p qlr - Dhvfr qh  r h Rhrhl r	9	45,00%
4 Dr p qlr - Dluf l r qdp hqwr s d d r xwr	8	40,00%
5 Dr p qlr - Sxs huy l j lo q f l d h l q l e l r	7	35,00%
2 Dr p qlr - Axw q r p l d h Dhvhp s hqkr Puhmg l f d g r v	6	30,00%
3 Dr p qlr - L l p l v h v Puhmg l f d g r v	1	5,00%

Ov. E. I. D. v. g. h. s. u. p. h. l. u. r. g. r. p. q. l. r. ( D. h. v. f. r. q. h. | r. h. R. h. r. h. l. r. ) f. r. p. q. r. v. d. g. h. f. r. u. h. 4.5, s. h. u. l. " h. u. d. p. x. p. w. v. d. o. g. h. 45% g. d. d. p. r. w. d. l. q. g. l. y. g. x. r. v. f. r. p. h. v. t. x. h. p. d. v. q. r. s. u. p. h. l. u. r. g. r. p. q. l. r. i. u. h. t. x. h. q. v. h. p. h. q. v. h. d. f. u. h. g. l. v. d. p. t. x. h. q. r. v. h. u. r. d. v. h. q. l. g. r. v. h. p. v. x. d. v. q. h. f. h. w. l. g. d. g. h. v. e. v. l. f. d. v. g. h. f. x. l. g. d. g. r. , s. u. v. h. r. , h. p. s. d. v. l. d. , v. h. j. x. u. d. q. d. h. h. w. d. e. l. d. g. d. g. h. h. v. r. l. q. f. d. s. d. " h. v. g. h. i. r. u. p. d. u. y. q. f. x. v. v. h. j. x. u. r. v. h. v. d. l. w. i. d. w. l. r. v. f. r. p. r. x. w. d. v. s. h. w. r. d. v. V. u. d. v. g. h. w. d. v. s. h. w. r. d. v. w. p. l. q. i. q. f. l. d. v. w. d. x. p. v. l. f. d. v. h. v. h. q. g. h. p. , q. d. y. l. g. d. d. g. x. o. d. , d. g. h. q. w. d. u. h. p. u. d. f. l. r. q. d. p. h. q. w. v. g. h. w. x. v. l. y. r. v. ( Y. r. x. q. j. , K. o. v. n. r. & W. h. l. v. k. d. d. y. 2008, s. 27).

F. u. t. x. h. q. v. h. p. h. q. v. h. , r. p. r. g. h. o. g. h. i. d. p. d. d. p. d. l. v. i. u. r. , u. h. i. n. l. v. d. g. r. u. l. v. o. d. g. r. u. l. p. s. u. h. y. l. v. y. h. o. h. / r. x. d. e. x. v. d. g. r. u. ( Y. r. x. q. j. , K. o. v. n. r. & W. h. l. v. k. d. d. y. 2008, s. 27). N. h. w. h. d. v. s. h. f. w. r. , r. v. E. I. D. v. u. y. h. o. d. p. x. p. d. p. e. l. h. q. v. h. i. d. p. l. d. d. u. h. u. d. f. l. r. q. d. o. g. h. p. x. l. v. d. y. l. r. o. q. f. l. d. q. d. v. i. d. p. d. d. v. g. h. r. u. j. h. p. , r. t. x. h. f. r. q. v. l. e. x. l. s. d. u. d. i. r. u. p. d. r. g. h. E. I. D. v. q. h. w. h. g. r. p. q. l. r. . O. v. E. I. D. v. v. r. i. r. u. p. d. g. r. v. s. r. u. h. | s. h. u. l. q. f. l. d. v. l. w. h. p. v. l. f. d. v. f. r. p. i. l. j. x. u. d. v. g. h. d. i. h. w. r. , g. h. f. x. l. g. d. g. r. h. v. l. g. d. v. f. r. p. r. v. l. j. q. l. i. l. f. d. v. y. d. v. s. d. u. d. d. f. u. d. q. d. , l. q. v. h. u. d. j. l. q. g. r. f. r. p. d. v. q. h. f. h. w. l. g. d. g. h. v. e. v. l. f. d. v. h. p. r. f. l. r. q. d. l. v. q. r. d. v. h. q. l. g. d. v. h. p. f. r. q. h. | r. f. r. p. r. v. h. p. s. h. u. d. p. h. q. w. h. p. r. f. l. r. q. d. o. g. d. f. u. d. q. d.

O. x. w. r. g. d. g. r. u. d. y. d. q. v. h. g. h. p. r. q. w. r. x. t. x. h. 40% g. d. d. p. r. w. d. d. s. u. h. v. h. q. w. x. E. I. D. v. g. r. t. x. d. u. r. g. r. p. q. l. r. ( g. l. u. h. f. l. r. q. d. p. h. q. w. s. d. u. d. r. x. w. r. ). P. h. v. r. d. v. f. r. p. E. I. D. v. q. h. w. h. g. r. p. q. l. r. i. r. f. d. p. g. h. p. d. q. h. l. u. d. h. | f. h. w. l. y. d. h. p. d. v. h. q. g. h. u. d. v. q. h. f. h. w. l. g. d. g. h. v. g. r. v. r. x. w. r. v. h. p. y. h. " g. r. v. v. h. x. v. s. u. s. u. l. r. v. l. q. v. h. u. h. v. h. v. N. h. w. h. f. r. q. v. h. | w. r. , l. p. s. r. u. d. q. v. h. g. l. " h. u. t. x. h. l. w. r. v. h. g. h. p. i. x. q. r. g. r. g. h. v. h. m. g. h. r. e. v. h. u. d. s. u. r. y. d. r. , v. h. u. f. r. q. h. | r. h. p. r. f. l. r. q. d. o. h. h. y. l. v. d. u. h. v. d. d. h. v. ( Y. r. x. q. j. , K. o. v. n. r. & W. h. l. v. k. d. d. y. 2008, s. 33).

s. r. w. y. h. o. l. q. i. h. u. t. x. h. h. v. t. x. h. p. d. v. l. g. h. q. v. l. f. d. g. r. v. q. r. t. x. d. u. r. g. r. p. q. l. r. s. r. g. h. u. d. p. v. x. j. l. u. f. r. p. r. h. w. d. w. j. l. d. s. d. u. d. d. v. h. q. g. h. u. d. v. q. h. f. h. w. l. g. d. g. h. v. g. r. v. E. I. D. v. g. r. s. u. p. h. l. u. r. g. r. p. q. l. r. d. v. l. y. d. g. r. v. , r. x. v. h. d. , q. d. e. x. v. f. d. s. r. u. f. x. l. g. d. g. r. , s. u. v. h. r. h. v. h. j. x. u. d. q. d. , h. w. d. v. p. x. d. h. u. v. v. h. v. x. e. p. h. v. h. p. d. r. v. g. h. v. h. m. v. ( y. l. r. o. q. f. l. d. ) g. h. v. h. x. v. f. q. n. j. h. v. A. o. p. g. l. w. r. , d. s. u. r. e. d. h. p. v. l. f. d. f. x. o. x. d. o. h. u. d. j. l. r. v. d. v. r. e. u. h. r. s. d. s. h. o. g. d. p. x. d. h. u. q. r. f. r. q. v. h. | w. g. r. v. u. d. f. l. r. q. d. p. h. q. w. v. d. p. r. u. r. v. r. s. r. g. h. u. d. l. f. d. u. r. o. j. d. u. g. h. v. x. e. p. l. w. r. g. r. v. s. u. s. u. l. r. v. g. h. v. h. m. v. s. d. u. d. v. h. f. r. q. h. f. v. d. u. f. r. p. r. r. x. w. r. h. v. h. q. v. l. u. d. f. h. l. v. d.

l. q. g. l. y. g. x. r. v. f. r. p. E. I. D. v. q. r. t. x. d. u. r. g. r. p. q. l. r. q. d. u. d. l. r. f. r. p. r. x. w. d. v. s. h. w. r. d. v. v. d. p. e. p. v. h. q. g. h. p. d. v. h. f. r. q. f. h. q. v. d. u. x. q. l. f. d. p. h. q. v. h. q. d. v. r. d. f. l. v. d. h. v. g. h. w. d. v. s. h. w. r. d. v. h. p. s. u. h. n. " r. g. h. v. x. d. v. s. u. s. u. d. v. q. h. f. h. w. l. g. d. g. h. v. h. , s. r. u. y. h. " h. v. , q. r. w. p. f. r. q. v. l. q. f. l. d. g. h. v. x. d. v. s. u. s. u. d. v. s. u. h. i. h. u. q. f. l. d. v. ( Y. r. x. q. j. , K. o. v. n. r. & W. h. l. v. k. d. d. y. 2008, s. 33). D. x. u. d. q. v. h. d. l. q. v. h. u. r. h. f. r. o. j. l. f. d. t. x. h. s. r. w. l. e. l. d. w. x. d. l. q. v. h. u. d. r. f. r. p. d. v. w. f. q. l. f. d. v. g. r. h. t. x. l. s. d. p. h. q. w. h. d. s. d. u. l. f. l. s. d. r. g. d. s. h. v. t. x. l. v. d. g. r. u. d. q. r.

j uxsr gdp p xdkuhv, ir udp i uht xhqvhv r v uahv v vr euh d gliif xædg gh p xlvv ghwdv p xdkuhv hp vlv d r gh ylr o qfld hp lghqwlif dy s r uh| hp s æ, t x dov hud vxd fr ur x dw p hvp r vxd fr p lgd idyr uvd, mt xh yhwldp h/r x fr p ldp ds hqdv r t xh hud gh dj udgr vhxv fr p s dqkhlur v.

Qxdqgr fuldq dv, shwr dv fr p EIDvqr t xduw gr p qlr q r v h v h q v h p dyuhv s dud v h j xlvv h x v s u s ur v ghv h m v. A fuldq d q r v h p v x d v q h f h w l g d g h v g h u h s h l w v v x d v d v s l u d h v h v h q g q f l d v h p r f l r q d l v d v h q g l g d v (Yr x q j , K æ v n r & W h l v k d d y 2008, s. 33). A h q w h y l w æ l g d 14, d r i d æ l u g h v h x d p e l h q v h i d p l æ d u x f æ d u h æ l v æ: Q...’ fuldq d q r v l q k d y r “, q r v d e l d t x h s r g l i d æ l p h h | s u h w d y d s u h q g l q d y l g d d g x æ d i.

Evt xhp dvgr t x l q w gr p qlr (v x s h u y l j l o q f l d h l q l e l r ) i r u d p l g h q w l i f d g r v h p 35 % g d d p r w æ l g h p x d k u h v. P h w r d v f r p h v h g r p q l r u h s u p h p v h x v v h q v l p h q w v h l p s x æ r v h v s r q w q h r v h v h g h g l f d p d f x p s u u j l g d v h j u d v t x h i r u d p l q v h u q d d “ d g d v h p u æ l r d v h x s u s u r g h v h p s h q k r f x w æ l g h v x d s u s u d i h d f l g d g h, d x w h | s u h w r , u æ l | d p h q w , u æ l f l r q d p h q w q v l p r h e r d v d g h, d o p g h v h u p f d u d f v h u l “ d g d v s r u x p d l q i q f l d p x l w v h y h u d h u j l g d, q d t x d o r d p e l h q v h q r y d d g d y d v x d v h | s u h w h v h p r f l r q d l v (Yr x q j , K æ v n r & W h l v k d d y 2008, s. 33).

O v h j x q g r g r p q l r (d x w q r p l d h g h v h p s h q k r s u h æ l g f d g r v ) d s d u h f h x h p 30% g d v p x d k u h v, h g l “ u h s h l w f r p s h w q f l d g h d i d w æ l v h g d s u s u d i d p d d h i x q f l r q d u g h p d q h l u d l q g h s h q g h q v h, f r p r r x w æ d s h w r d v g d v x d l g d g h (Yr x q j , K æ v n r & W h l v k d d y 2008, s. 33). M x d k u h v f r p E I D v q h w h g r p q l r w p q h f h w l g d g h g h d e h u g d g h h l q f h q v y r s d u d h | s h u l p h q v d y m t x h s u r y d y h q h q v h i r u d p v x s h u s u r v h j l g d v r x q r i r u d p f x l g d g d v h q r v l q k d p q h q k x p d g x æ r t x h g h æ l f x l g d w h. C r p r u h v x æ l g r , d l q f r p s h w q f l d g h p r æ d u v x d v s u s u d v l g h q v l g d g h v h f r q w l x l u v x d v s u s u d v y l g d v, f r p r v h s h u p d q h f h w h p f u d q d v g x u d q v h e r d s d u h g d y l g d d g x æ l h p u æ l r d v x d v f r p s h w q f l d v (Yr x q j , K æ v n r & W h l v k d d y 2008, s. 33).

### gÀvÉy a ÀxÀÈSÊÇÓy³ Í‘wÀËy ÉÓuÊvÀÁËyÇÓ ÁwúÊÁuÊÓÍ¹² uÊxy Ö’A² Áwú

Ov Mr gr v Evt xhp v l f r v v r p r g h æ v f d u d f v h u w l f r v g h i x q f l r q d p h q w g h x p d s h w r d, r x v h r d, d p d q h l u d f r p r d s h w r d v h f r p s r u æ l h p g h v h u p l q d g r p r p h q w, v r e u h w g r q d v u æ l h v l q v h u s h w r d l v, q d v t x d l v k d v y d r h p r f l r q d o (W d l q h u h w d o, 2016, s. 53). N r v u æ l f l r q d p h q w v q v l p r v, x p d v u h g h u h d h v h u h s r w æ l g h v d g d s v æ l y d v (f l f æ h v t x h p v l f r ) s r g h p s u r y r f d u x p d l q v h u d r q r f l y d q d u æ l r , r t x h s r g h l q y l d e l d “ d u d y d d g d r h u f r q k h f l p h q w g d v q h f h w l g d g h v h p r f l r q d l v g d f r p s d q k h l u d r x f r p s d q k h l u r .

Av s d u l f l s d q v h v i r u d p t x h w l r q d g d v r e u h f r p r q r u p d æ h q v h u d j l d p h t x d o f r p s r u æ l p h q w p d q l i h w æ y d p f r p v h x v s d u f h l u r v q r p r p h q w g d y l r o q f l d. N h w h f r q v h | w , 75% g l w h u d p d s u h v h q v æ l u f r p s r u æ l p h q w l q g l f d q g r u h v j q d r : Q...’ h u d v f k r u d y f r p r h x f k r u d y d, r d k r s u d p l p d j r u d, i d æ l p t x h h x v h q k r d w u x j d v g h v æ l q w t x h h x m f k r u h l i (E q w h y l w æ l g d 19). A h q w h y l w æ l g d 9 u æ l v x : Ó n x q r u h d j l d, p h f d d h l, p h d q x æ y d i. J d h q w h y l w æ l g d 8 f k h j r x d s h q v d u h p v x l f g l r : Q l h x f k r u d y d q , t x h, t x h, t x h d w g d y d y r q v æ l g h g h v h p d v æ l u.

N r p r p h q w g d y l r o q f l d h | l w h x p s h u j r u h d o q r t x d o p x l v æ l v y h “ h v d u h s r w æ l f r p s r u æ l p h q w o p d l v d g d s v æ l y d, g h i d w , d u h v j q d r . E q w h v æ l q w , d s d u l u g d v h q w h y l w æ l v, l q i h u h - v h t x h d v h q g q f l d t x h h w h f r p s r u æ l p h q w p d l v s d w y r v h s h u s h w h, f r p r s r g h v h u r e v h y d g r q d v i d æ l v g d v h q w h y l w æ l g d v d v h j x l u Ó E x i l f d y d p d l v f d æ l g d, h v s h u d y d r s h g l g r g h g h v f x æ d g h d h p x l v æ l v g d v y h “ h v h x d f k d y d t x h, v h l o i r l s r u t x h, s r u t x h h x j u h l, s r u t x h h x t x h i d d h l d æ r î (E q w h y l w æ l g d 20); Ó n r l q f l r h x u h d j l d, e u j d y d, g h s r l v i x l i l f d q g r s d w y d, i x l i l f d q g r v h p i d æ l u s u d q r i l f d u s l r û (E q w h y l w æ l g d 17).

Ip s r ualqvn uhwdout xh, qr p r p hqwr gds hvt xlv, 90% gd dp r wud gh p xdkuhv q r hwalyd p dlvp vlv d r gh ylr o qfld h 95% hwnyh r x hwalyd hp dfr p s dqkdp hqwr svlfr o j lfr qr ht xls dp hqwr. Tdogdgr fhwalp hqvn ghp r qvud d s r wleldgdgh gh p dlr ufr qvfl qfld gh vx dv qhf hwlgdghv h yxæhudeldgdghv h, hp dð xp d p hglgd, s r gh-vh gl“huvalp e p t x h r p r ghæ gh thæ r vdxg y hohwæhæf lgr fr p dv wfqlf dv gr ht xls dp hqwr s r gh vhu sur gx“lgr uhs d d r hp dð xp dv gdv qhf hwlgdghv q r d hqglgdv ghwdv s dufls dqvnh. Ewh uhxædgr valp e p h|s d f d r v 45% gd dp r wud lqglf dgr dlyd r qr p r gr Agxæ Sdxg yho xp p r gr p xlv ixqlr qdoh dgds vlyr, hp t x h dv s dufls dqvnh v r f ds d“hv gh lghqvlf duvx dv s u s u dv qhf hwlgdghv h dæ dus d d vx s u-ælv ghqwr gr s r vyho

A Tdehæ 4 ds uhvqvæ r v p r gr v hvt xhp vlv r v hqfr qvædgr v dvædy v gd ds d f d r gr lqyhqvur gh Mr gr v qd dp r wud gh p xdkuhv, d s duvugd p gld gh fr u h 4,5.

**huvy<sup>2</sup>u B.** Mr gr Evt xhp vlv r hqfr qvædgr v qd dp r wud gh p xdkuhv

	Ddgr v (dp r wud)	i (%)
Agxæ Sdxg yho	9	45,00%
<i>Culdq d</i>		
Fhð	5	25,00%
<i>Pdlv lqvhuqdd“dgr v</i>		
Pdlv h  l j hqvnh	3	15,00%
<i>Eqihqvæp hqwr Dlvixqlr qdo</i>		
Axwfr qir uædgr uDhv d j dgr	3	15,00%
Cds læædgr uCr p s ælf hqvnh	1	5,00%

Fr l v j qlilf dlyr revhuydur p dlr u qglf h qr p r gr dgxæ vdxg yho Nhwh p r gr, dv p xdkuhv v r f ds d“hv gh exvf du thæ hv h dlyl gdghv p dlvp dxg yhlv, v hqgr xp d ylv r p dlvp s r vlv d gh vl (Wdlqhu hwd, 2016, s. 153). Ip s r ualqvn uhwdout xh d dp r wud deduf r x p xdkuhvt xh vr i hudp ylr o qfld gh 2015 d 2021, r x v h r d, dð xp dv ghwdv p xdkuhv m q r hwalyd p hp vlv d r gh ylr o qfld h m hwalyd p hp dfr p s dqkdp hqwr s hæ ht xls dp hqwr æ h f h e h qgr s u v h r h f x l g d g r, i d v h w h t x h s r g h h | s d f d u h w h u h x æ d g r .

Up s r qv gh d h q r i r l r s huf hqvædoed| r, 25%, qr p r gr f u d q d i h d“, x p d y h“ t x h q h w h p r g r t x h d s h v r d v h q v h d p d g d, f r q h f v æ d g r, f r q v h q v h h d h q g l g d h p v x d v q h f h w l g d g h v (Wdlqhu hwd, 2016, s. 55). Ewh p r gr s hup l v u d v p xdkuhv p dlr u v h q v d r gh æ h u g d g h p dlr u f d s d f l g d g h g h e x v f d u r s u d“ h u Nhwh d v s h f w, v æ y h“ r v h p s r h p t x h h w l y h u d p h p v l v d r gh ylr o qfld, v x æ j d g d v h u h v j q d g d v d r d j u h v r u s r g h d l q g d g l i l f x æ d u d v h q v d r gh æ h u g d g h h d h j u d s u h v q v h v d s d u l u g d v h | s h u l q f l d v .

## Qc bgW S f O Sg TWOWJ

A h w æ v æ d h p r f l r q d o f r j q l v y d, k l w u f r - i d p l d d u h v r f l d o q r v f r q v h | w v i h p l q l r v s r g h y x æ h u d e l d“ d u r v f r p s r u æ p h q v v g h x p d p xdkuhv h | s d f d q g r r i h q p h q r g d y l r o q f l d, t x h v l g r f r p r f r p s d | r h p x æ l i d v u d o

A s d u l u g h w h v g d g r v, i r l s r w y h o r e v h u y d u d s u h v h q d g h E l D v g r s u p h l u r g r p q l r (D h v f r q h | r h R h r h l r) f r p r A e d q g r q r, P u y d r E p r f l r q d o D h v f r q i l d q d h A e x v r, l v r æ p h q v h A d h q d r, D h i h f w l y l g d g h h V h u j r q k d s u g r p l q d u d q d d p r wud gh p xdkuhv, f r q i l u p d q g r h w æ g r v t x h d w r f l d p h w h v h v t x h p d v

p dqxvñq r gh uðl hvylr ðhqvð. Nd vht x qfId, EIDv gh t xduw gr p qlr (Dlufhr qdp hqwr s ddr xwr ) fr p r Axw wdf uli flr h vxen j d r .Nhwh f dvr , s r gh-vñ lqihlut xh hwhv vxuj hp fr p r hvir u r ghwdvp x ð h u h v s d d vñu hp vx dv qhf h w l g d g h v h p r flr q d l v g r s u p h l u r g r p q l r d vñ q g l g d v , r x vñ r d . ðñ x p h vxep h w d r r x w r s d d p h p d q vñ u f r q h f v l g d d h d i .

Cr p s u h q g h q g r t x h d d p r w u d d y d d d g d m q r h w l y d , h p v x d p d l r u d , q d u d l r f r p v h x d j u h w r u r Mr gr Agx w S d x g y h o t x h e d w l q vñ d g d s v l y r , d s d u f h x g h i r u p d s u h y d d h q vñ . O p r g r C u d q d F h d “ d s d u f h h p s h u f h q w d o p d l v e d l | r , g r t x h v h s r g h l q i h u t x h r vñ p s r h p t x h h w l y h u d p h p v l x d r g h y l r o q f I d , v x e n j d g d v h u h v j q d g d v d r d j u h w r u s r g h u d vñ u g l i l f x o d g r d v h q v d r g h d e h u g d g h , m t x h d p d l r u d g h o d v h w l y h g x u d q vñ p x l w v d q r v h p x p d u d l r y l r ð h q v d .

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## EXPERIÊNCIAS DE SOLIDÃO EM MULHERES EM TRATAMENTO DE CÂNCER DE MAMA: ANÁLISE FENOMENOLÓGICA

LONELINESS EXPERIENCES IN WOMEN UNDERGOING MAMMARY CANCER TREATMENT:  
PHENOMENOLOGICAL ANALYSIS

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### Resumo

O câncer de mama corresponde ao grupo de doenças que mais mata mulheres por neoplasia no Brasil. Os significados do seu diagnóstico e tratamento trazem impactos subjetivos, havendo alterações nas suas relações sociais e familiares. Esta pesquisa objetivou compreender a experiência de solidão de mulheres em tratamento do câncer de mama. Empregou-se o método fenomenológico empírico em cinco mulheres em um centro oncológico de Fortaleza. Foram elencados os seguintes eixos: significados de solidão e repercussões emocionais; percepções acerca do apoio sociofamiliar frente aos desafios do adoecimento e do tratamento; pensamentos de morte diante da experiência de solidão; estratégias de enfrentamento das pacientes em tratamento de câncer de mama. Conclui-se que a solidão assume múltiplos significados, porém os impactos psicoemocionais são marcantes nos relatos, pois a solidão intensifica o sofrimento relacionado ao diagnóstico oncológico.

**Palavras-chave:** Fenomenologia; Neoplasia; Neoplasias Mamárias; Psicologia Fenomenológica; Solidão.

### Abstract

Breast cancer corresponds to the disease group that kills the most women due to neoplasms in Brazil. The meanings of your diagnosis and treatment have subjective impacts, with changes in your social and family relationships. This research aimed to understand the loneliness experiences of women undergoing mammary cancer treatment. The empirical phenomenological method was employed on five women at an oncology center in Fortaleza. The following axes were listed: meanings of loneliness and emotional repercussions; perceptions about socio-family support in the face of the illness challenges and treatment; death thoughts faced the loneliness experience; coping strategies for patients undergoing breast cancer treatment. It is concluded that loneliness takes on multiple meanings, but the psycho-emotional impacts are notable in the reports, as loneliness intensifies the suffering related to the oncological diagnosis.

**Keywords:** Phenomenology; Neoplasm; Breast Neoplasms; Phenomenological Psychology; Loneliness.



## INTRODUÇÃO

Entende-se a experiência de solidão como um sentimento subjetivo relacionado à perda ou à ausência de relações sociais que satisfaçam as necessidades do sujeito, tornando-se um fator negativo que afeta a paciente em tratamento oncológico. Assim, a experiência de solidão tem múltiplas dimensões: emocionais, sociais, cognitivas e comportamentais (Trindade, 2023).

O câncer é o termo utilizado para designar a proliferação descontrolada de células com capacidade de acometer outras estruturas orgânicas e representa o conjunto de mais de duzentos diferentes tipos de doenças, podendo surgir em diversos tecidos ou órgãos do corpo (Instituto Nacional de Câncer, 2020). É uma doença de alto impacto na sociedade, haja vista que, segundo projeções recentes do Instituto Nacional de Câncer (2022), a estimativa é de que ocorra cerca de 704 mil novos casos somente no Brasil entre os anos de 2023 e 2025. Desse montante, são esperados aproximadamente 74 mil novos diagnósticos de neoplasia maligna de mama, correspondendo a 10% do total.

Por sua vez, o câncer de mama é uma doença em que ocorre uma multiplicação atípica de células do tecido mamário, formando um tumor com possibilidade de invadir outros órgãos. É importante destacar que existem vários tipos de neoplasias mamárias, ou seja, esse é um grupo heterogêneo de doenças, o que impacta no tratamento e no prognóstico do sujeito acometido, pois alguns têm proliferação mais lenta, enquanto outros são mais agressivos e de rápido desenvolvimento (Kamal et al., 2022).

O câncer de mama é o tipo de neoplasia mais comum no Brasil, excetuando-se os cânceres de pele, e é ainda o que mais mata mulheres por câncer no país. É estimado um total de 73.610 casos no triênio 2023-2025 em todo o Brasil (Santos et al., 2023). Já para o estado do Ceará, estima-se a ocorrência de 3.080 novos casos de câncer de mama em mulheres somente para o ano de 2023 (Barros et al., 2020). Quanto ao seu surgimento, urge pontuar a multiplicidade de fatores de riscos envolvidos, como a genética, os hábitos de vida, os aspectos ambientais e até mesmo a história reprodutiva da mulher. Por tratar-se de uma doença multifacetada, são vários os tratamentos disponíveis, sendo os principais a cirurgia e a radioterapia, de tratamentos locais, e a quimioterapia enquanto tratamento sistêmico (Kamal et al., 2022).

Geralmente, o tratamento proposto é a combinação de mais de um desses métodos, potencializando as chances de remissão da doença. Ainda é válido destacar que a quimioterapia e a radioterapia podem ser neoadjuvantes, quando realizadas antes do tratamento cirúrgico, objetivando redução de tumor para melhor abordagem cirúrgica; adjuvantes, quando administrados após a cirurgia, com objetivo de eliminar células remanescentes e diminuir chances de recidivas ou metástases; ou serem os tratamentos principais, em que não há combinação com outros procedimentos (Instituto Nacional de Câncer, 2020).

Nesse processo, ocorrem alterações corporais e funcionais que afetam a qualidade de vida das mulheres em tratamento. A queda de cabelo, por exemplo, é um dos efeitos mais temidos, pois promove mudanças na autoimagem, as quais impactam na autoestima. Fadiga e náuseas, além de outros sintomas, também podem impossibilitar que as mulheres continuem a realizar suas atividades cotidianas e, conseqüentemente, mudar o senso sobre si mesmas em virtude da necessária reorganização de papéis exercidos socialmente e em seu grupo familiar. Esses fatores, associados à descoberta do câncer e ao tratamento, promovem relevantes repercussões emocionais, com a ocorrência de depressão, ansiedade, medo

de abandono pela rede sociofamiliar e medo da morte (Lima et al., 2020).

Diante desse panorama (Santos et al., 2023; Kamal et al., 2022; Instituto Nacional de Câncer, 2020; Barros et al., 2020), o diagnóstico e o tratamento do câncer de mama, para as mulheres, trazem múltiplos impactos subjetivos, podendo ainda ser mencionadas as experiências de raiva, angústia, inquietação, sofrimento e incerteza em relação ao futuro. No caso do acometimento da mama, existem as representações simbólicas associadas a esse órgão, ocorrendo alteração do senso de sexualidade, feminilidade e maternidade (Lima et al., 2020).

Diante desse cenário, existe um potencial de que ocorram mudanças nas relações sociais e familiares dessas mulheres, fazendo com que o isolamento seja comum entre esses sujeitos (Fernandes et al., 2019). O suporte social aparece, assim, como fator fundamental no processo vivido pelas mulheres desde o diagnóstico até o tratamento, pois ao receberem palavras de encorajamento, apoio físico e emocional e participação ativa do grupo familiar nas decisões, elas sentem-se fortalecidas, facilitando a adesão às terapêuticas propostas (Lima et al., 2020).

Neste sentido, tem-se como foco a compreensão do fenômeno da solidão, comum nas experiências de mulheres diagnosticadas com neoplasia mamária, pois o preconceito sofrido por elas faz com que pessoas do seu ciclo social se afastem devido todo o estigma relacionado ao câncer, ou por não saberem lidar com um adoecimento diretamente vinculado à morte (Benossi & Chiarani, 2019). Portanto, o objetivo deste estudo foi compreender os significados presentes na experiência de solidão de mulheres em tratamento de câncer de mama.

## **METODOLOGIA**

### **Delineamento**

Trata-se de um estudo de delineamento qualitativo de caráter descritivo, tendo em vista que seu objeto de estudo é de natureza complexa (experiência de solidão). Além disso, esta pesquisa também conta com a perspectiva de apreender as experiências singulares e comuns das mulheres em tratamento de câncer de mama. Dessa maneira, a organização da pesquisa ocorreu baseada nos aspectos indicados por Amedeo Giorgi (1997/2008) e organizado por Castelo Branco (2024a).

### **Procedimentos, local e participantes**

O presente estudo recebeu parecer favorável (número 6.332.451) do Comitê de Ética do Instituto do Câncer do Ceará, e seguiu a Resolução 466/12 e 510/16 do Conselho Nacional de Saúde (CNS), garantindo o anonimato das participantes. A pesquisa foi realizada no Hospital Haroldo Juaçaba, um centro oncológico de alta complexidade em Fortaleza que é referência Norte-Nordeste no tratamento a pacientes oncológicos, sendo uma instituição filantrópica de direito privado. As participantes da pesquisa foram mulheres em tratamento e/ou seguimento ambulatorial para o câncer de mama, e que tenham trazido como queixa a solidão durante algum atendimento com o serviço de Psicologia do Hospital.

Quando as pacientes com esse perfil foram identificadas, receberam encaminhamento ao pesquisador primeiro autor deste estudo, o qual contactou-as por telefone, e a elas fez o convite para participar da pesquisa. Em caso de aceite, foi agendado um horário com cada paciente para o mesmo dia de alguma consulta médica ou multiprofissional na instituição, momento em que a paciente passou por uma triagem para

identificar se realmente cumpre os critérios de participação. Estando de acordo, foi apresentado o Termo de Consentimento Livre e Esclarecido. Ressalta-se que a seleção das participantes foi do tipo intencional e por conveniência, em que elas foram selecionadas ancoradas no que o pesquisador julgou mais pertinente para o estudo – neste caso foram buscados por mulheres que já tenham abordado a questão da solidão em sua fala. Desse modo, contou-se com 5 sujeitas de pesquisa a partir dos seguintes critérios de inclusão: mulheres em tratamento ou em seguimento ambulatorial para o câncer de mama, acompanhadas no hospital, em idade igual ou superior a 18 anos, que tenham sido atendidas pelo menos uma vez pelo serviço de Psicologia e declarem ter vivido ou estar vivendo um estado de solidão durante o tratamento. Os critérios de exclusão foram: pacientes homens mesmo que apresentem câncer de mama, pacientes com dificuldade auditiva e/ou cognitiva que impossibilitem a coleta de dados

As cinco mulheres entrevistadas apresentaram as idades que variam na faixa de 41 a 58 anos, com média de idade de 54 anos. Destas, três se declararam solteiras, uma divorciada e outra casada. Já em relação a raça, três das entrevistadas se identificaram como pardas, enquanto as outras duas se autodeclararam brancas. Um dado que chama atenção é que quatro das mulheres possuem ensino superior completo, e somente uma tem ensino fundamental incompleto. Similarmente, quatro têm ao menos um filho.

#### **Coleta dos dados**

A suspensão fenomenológica (*Epoché*) do experienciado (pessoal e teoricamente) pelo pesquisador, com o intuito de aproximar-se da compreensão da vivência do sujeito da pesquisa. Em campo, buscou-se conseguir uma descrição concreta e detalhada da vivência das mulheres pesquisadas a partir do experienciado em seus cotidianos. Com esse intuito, foi realizada entrevista, tendo como facilitador um roteiro semi-estruturado de entrevista em que os tópicos facilitaram uma mínima direção ao fenômeno pleiteado e suscitaram a expressão de diversos aspectos relacionados a ele (Castelo Branco, 2024b). Foram realizadas as seguintes perguntas: Como você descobriu o seu diagnóstico de câncer de mama? Como você buscou o tratamento do seu câncer de mama? Como os seus familiares e amigos reagiram ao seu diagnóstico? Você poderia falar sobre a participação dos seus familiares/amigos na sua rotina de tratamento no hospital? Você poderia falar sobre a sua rotina de cuidado em casa e com os seus familiares? Como você tem percebido o apoio dos seus familiares e amigos? Você já se sentiu sozinha em algum momento desde que recebeu o diagnóstico e durante o tratamento? (Se sim, poderia compartilhar alguns exemplos/situações). Como você vive ou viveu essa solidão? Como você lida com a solidão quando ela lhe aparece? Como você se sente nos momentos em que fica sozinha? Você gostaria de falar mais alguma coisa sobre isso?

Ressalta-se que as entrevistas foram realizadas pelo primeiro autor deste estudo e que o tempo médio de duração das entrevistas foi de 15-20 minutos. As respostas foram gravadas e transcritas. Cada entrevistada foi nomeada por "S" e o número correspondente à ordem da entrevista.

#### **Análise dos dados**

Nas leituras das transcrições, realizou-se nova suspensão fenomenológica quanto ao que se é sabido acerca do fenômeno estudado, permitindo questioná-lo como se o acessasse pela primeira vez. A partir disso, realizou-se uma síntese geral daquilo que foi percebido sobre a experiência em tela. Depois, retomou-se o conteúdo transcrito, explorando-o com base na especificação de suas unidades de significação (US's), identificando os significados comuns entre as participantes, verificando suas relações. Por fim, tomou-se um

posicionamento teórico, o qual fez emergir tudo o que foi outrora suspenso fenomenologicamente para, assim, formular categorias temáticas à experiência pesquisada. Nesta etapa foi revelada a intencionalidade da consciência do pesquisador em relação ao fenômeno estudado, engendrando-se uma inteligência condizente à sua área de conhecimento (Castelo Branco, 2024b).

## RESULTADOS E DISCUSSÃO

A partir do que foi obtido pelas US's identificadas e relacionadas às experiências de solidão nas mulheres em tratamento de câncer de mama, foram organizados os seguintes eixos temáticos: significados de solidão e repercussões emocionais; percepções acerca do apoio sociofamiliar frente aos desafios do adoecimento e do tratamento; pensamentos de morte diante da experiência de solidão; estratégias de enfrentamento das pacientes em tratamento de câncer de mama. Estes estão expostos e discutidos a seguir.

### Significados de solidão e repercussões emocionais

A solidão, embora seja um sentimento universal, é um fenômeno passível de múltiplas significações, sendo uma concepção inevitavelmente atravessada pelo contexto e pela historicidade do sujeito que a experimenta, isto é, conecta-se com o singular do humano. No entanto, é importante notar que as experiências de solidão vividas pelas pessoas resguardam entre si alguns aspectos em comum, os quais ajudam a compreender esse fenômeno (Trindade, 2023). Em acordo com esta perspectiva, a complexidade e singularidade relacionada à solidão aparece na seguinte fala:

"Às vezes o que é solidão pra mim, às vezes pra você não é. O que é pra você, pra mim talvez não seja. É tudo muito complexo, assim. A gente é único, né? Solidão. Antigamente eu achava que era porque [...] era viver só. Mas eu percebi que não é. Você pode estar com milhões de pessoas aqui. Eu posso estar com bastante gente aqui, posso estar me sentindo só..." (S1:US13).

Dessa maneira, ressalta-se o quanto as experiências de cada sujeito com o fenômeno da solidão são únicas, diferindo de pessoa para pessoa, mesmo que, de alguma forma, haja algo similar. Também é pontuado acerca do quanto o sentimento de solidão tem forte relação com a natureza do vínculo, pois mesmo a presença de muitas pessoas pode não ser condição suficiente para afastar a sensação de estar sozinho, algo que igualmente é apontado nos seguintes trechos:

"Eu gostaria de dizer que, pelo menos pra mim, que solidão não é quando a gente mora só. Solidão é quando a gente não tem com quem contar, é quando você não se sente acolhido" (S5:US15).

"Ah, a solidão é horrível! Porque uma coisa é você estar só e outra coisa é a solidão. A solidão é a coisa que incomoda [...] você se sentir só, sem uma amizade [...] porque é muito diferente você estar só ou você estar acompanhada e se sentir só. Porque é uma solidão horrível" (S4:US15).

Neste sentido, pode-se compreender a solidão enquanto uma experiência subjetiva, que não está necessariamente relacionada a um espaço físico não compartilhado, pois é muito mais uma vivência particular de espacialidade e interpessoalidade em uma significação atribuída pelo próprio sujeito que a vive e não uma condição externa ao indivíduo (Souza et al., 2020). Dessa forma, mesmo que uma pessoa tenha muitas relações em seu ciclo social, caso não sejam significativas ou que possibilitem o atendimento às suas necessidades, é possível que a solidão seja um sentimento presente, sendo vivido enquanto algo negativo e estressante (Trindade, 2023).

Logo, em suma, a solidão está relacionada à qualidade das relações, e não à quantidade. Ela refere-se

ao modo que a pessoa se sente em relação aos vínculos construídos e ao quanto se percebe conectada e em sintonia com essas relações. Isto é, não é sobre estar sozinho ou na presença de muitas pessoas; a solidão é algo que se concretiza na percepção de falta de suporte, de acolhimento e de auxílio em atividades corriqueiras, e que se tornam ainda mais importantes dado o contexto de adoecimento, pois esta vivência pode intensificar a experiência de vulnerabilidade e fragilidade.

Vale destacar que a solidão, em muitas situações, constitui sofrimento ao sujeito ao desvelar aspectos do próprio indivíduo que são dolorosos de serem percebidos e que se tornam mais evidentes em situações de sofrimento, como pode ser evidenciado na seguinte fala:

“Toda hora eu me sinto sozinha, porque, é como eu lhe disse, a gente fica muito vulnerável. Eu fico muito chorosa, eu fico muito sofreda, eu me questiono muito, porque que tem que acontecer comigo, o que foi que eu fiz, mas as pessoas costumam dizer que Deus só dá o fardo, o tamanho que a gente pode carregar” (S1:US9).

Uma parte importante da sensação desagradável relacionada à solidão está ligada ao fato de um ser experimentar a ausência de outro alguém que está inconciliável com a condição humana de se relacionar. Nesse sentido, embora não esteja em consonância, a solidão se insere enquanto possibilidade do existir, o que, inclusive, traz repercussões subjetivas que essa sensação somente é catalisada a partir do isolamento e introspecção profunda. Assim, do alto do sofrimento que promove, a solidão possibilita o sujeito dar-se conta de si mesmo. Entretanto, o desafio está em lidar com os aspectos que emergem desse defrontar-se consigo mesmo, em razão das dores e constatações que surgem a partir disso (Macedo, 2023).

A autora mencionada, ainda, aponta que a angústia relacionada à solidão tem a ver com o medo de que, ao ficar sozinho, terá de encarar as partes mais profundas de si mesmo. Se a pessoa está bem consigo, ela consegue vivenciar a solidão com mais fluidez, ao passo que é doloroso se olhar e perceber a distância entre o idealizado para si e a realidade vivida. Por isso, pode ocorrer uma tentativa de fugir da solidão como maneira de escapar do contato consigo relacionado ao medo de não sustentar uma percepção mais profunda de si, pois ela permite visualizar o que antes não era visto ou que não se queria ver (Macedo, 2023).

No contexto do adoecimento oncológico, em que a própria doença e os tratamentos promovem modificações corporais e de autoimagem, outras dimensões subjetivas do sujeito são afetadas, como a autoestima e o senso de identidade, tendo em vista que as limitações do corpo repercutem em uma série de impossibilidades e requerem adaptações a essa nova realidade de vida. Esses aspectos são potencializados na relação com o outro, como visto no seguinte exemplo:

“O meu maior medo hoje, vou dizer pra você, é os meus cabelos. O maior medo é porque eu moro numa cidade, é o interior, que as pessoas debocham quando vê você com o turbante, as pessoas ignoram[...] porque você sabe que tem um preconceito, o preconceito tá muito presente e as pessoas não sabem viver a dor do outro, eles só julgam, e eu vou dizer pra você que se eu encontrar alguém fazendo isso comigo, debochar, rir, eu vou atrás, e eu vou dizer pra ele que ali, ali é uma rocha que tá lutando pela vida[...]” (S3:US16).

Além das alterações relacionadas ao adoecimento, como a queda de cabelo e o uso de turbante como recurso adaptativo, aspectos que já trazem sofrimento para essas mulheres, o preconceito e o distanciamento social em virtude da incompreensão do adoecimento, do estigma e da dificuldade de lidar com essas mudanças são fatores que repercutem em experiências emocionais desagradáveis, como o medo e a tristeza.

Assim, observa-se que há uma corporeidade que está relacionada com a interpessoalidade (Souza et al., 2020), na elaboração da experiência de lidar com a solidão nas pacientes oncológicas entrevistadas. Apesar disso, a determinação de enfrentar todos esses desafios também merece destaque, como pode ser visto na fala de S3.

Algo comum a mulheres em tratamento de câncer de mama é a alteração relacionada à experiência de ser mulher, tendo em vista que a mama é um símbolo de feminilidade e sexualidade, o que geralmente é intensificado em virtude das muitas situações de abandono do cônjuge, aspecto demarcado por S2 no seguinte trecho:

“Até meu marido se afastou... porque depois que eu fiquei doente e tudo, ele foi se afastando. Aí eu também não era mais como era, mulher mesmo, né? Mas é muito ruim você ficar sozinha. É ruim demais, a solidão” (S2:US6).

A entrevistada relaciona o abandono de seu marido com a alteração acerca dos significados do ser mulher, apontando ainda o quanto essa experiência acentua a vivência da solidão. O abandono, neste sentido, corrobora com o lugar posto socialmente para a mulher quando de uma perspectiva machista, em que a função da mulher é dar prazer ao homem e, quando perde essa função, já não é mais útil sendo, portanto, descartada. Este não é um caso isolado, uma vez que ocorre com frequência nas trajetórias dessas pacientes que, além de enfrentar as angústias associadas ao diagnóstico oncológico e ao difícil percurso do tratamento, têm de se defrontar com o desamparo frente à ruptura de um vínculo importante, ampliando as perdas sofridas e a sensação de solidão.

### **Percepções acerca do apoio sociofamiliar frente aos desafios do adoecimento e dos tratamentos**

O adoecimento por câncer de mama e os tratamentos preconizados promovem uma série de alterações corporais, emocionais e de autoimagem, as quais repercutem também nas relações sociais e familiares das pacientes. Isso ocorre em decorrência destas mudanças trazerem perdas, desencadeando o processo de luto que exige uma reorganização dos papéis sociais desempenhados por todos os sujeitos envolvidos nesse contexto (Lima et al., 2020).

Diante dessa experiência, pode ocorrer o estreitamento dos vínculos, o que atua como fator protetor frente aos desafios próprios do delicado momento de vida dessas mulheres, ou o rompimento das relações, em virtude do estigma ou de alguns membros da família encontrarem dificuldade de lidar com o diagnóstico.

Neste sentido, o suporte social e familiar se destaca na vivência das mulheres com câncer de mama desde o diagnóstico até o tratamento, pois atua como uma das principais fontes de fortalecimento diante do enfrentamento das adversidades surgidas nesse processo (Bergamasco & Angelo, 2001). De modo que a fragilidade ou a ausência de uma rede de suporte interfere na continuidade do tratamento, favorecendo, ainda, impactos emocionais importantes, como pode ser observado nesse trecho:

“Principalmente por não ter a participação da minha família. Fiquei com medo de interferir no meu tratamento. Eu tentava de todas as formas me acalmar com relação a isso, já com medo da interferência do meu estado emocional no tratamento” (S5:US7).

Percebe-se que a entrevistada aborda o quanto a ausência da família e a falta de efetivo envolvimento durante o processo do tratamento impactaram em vivências emocionais negativas e no medo desta

experiência prejudicar a eficácia e continuidade do tratamento. Tal preocupação é legítima, dado que pesquisas já demonstram a influência da rede sociofamiliar nos tratamentos e nos desfechos prognósticos, pois ela atua como uma relevante fonte de fortalecimento dos sujeitos diante de situações desafiadoras e estressantes ao proporcionarem encorajamento, acolhimento e segurança (Bergamasco & Angelo, 2001).

Durante o processo de tratamento, não somente o suporte afetivo e emocional tornam-se importantes, mas ocorre uma alteração significativa na rotina da mulher, em que o apoio na realização de atividades cotidianas se torna relevante. Quando não existem pessoas para auxiliar as pacientes nesses aspectos mais práticos da vida, isso pode acarretar prejuízos na recuperação, como observado na fala de S3: “Em casa eu faço tudo. Desde o primeiro tratamento, que foi o câncer de mama, eu não tive um pós-cirúrgico bom. Meus pontos se abriam, porque em casa eu não tinha quem fazer essas coisas, então eu fazia” (S3:US6).

A partir do exposto pela entrevistada, pode-se problematizar o quanto o ato de cuidar e a responsabilidade pela organização e manutenção da casa são papéis socialmente centrados na figura feminina. Quando fragilizadas pelo adoecimento oncológico, essas mulheres muitas vezes têm dificuldade em encontrar suporte na rotina de cuidados de si mesmas e do lar, o que pode prejudicar no tratamento e na recuperação da doença.

Assim, embora o grupo familiar seja relevante fonte de fortalecimento, a rede social ampliada, que inclui amigos e instituições de saúde, também constitui amparo fundamental às mulheres em tratamento de câncer. Quando essa rede de apoio é presente e engajada nos cuidados, a mesma promove senso de segurança e bem-estar, ao passo que, quando fragilizada, provoca repercussões negativas. Logo, é comum que ocorra o afastamento de pessoas quando do conhecimento do adoecimento oncológico, o que é exposto nas falas a seguir:

“Os amigos, eu percebi assim que, eu acho que a gente não tem amigo de verdade não, né? Porque uma hora dessa são poucas as pessoas que lhe dão apoio, poucas pessoas” (S1:US7).

“Assim, quando eu era sadia, eu tinha mais amizade. Logo também eu saía e tudo. Mas agora, só mesmo os familiares... amiga, essas coisas, se afastaram” (S2:US5).

As entrevistadas referem perceber que os amigos se distanciaram após o adoecimento, apontando a doença como fator determinante para esse comportamento. Consequentemente, os efeitos dessa experiência são danosos para as pacientes, uma vez que intensificam o senso de solidão e de desamparo, contexto que gera vulnerabilidade e deixa as mulheres com neoplasia mamária mais suscetíveis às adversidades enfrentadas no percurso de tratamento, haja vista a rede social funcionar como fator protetor da saúde dessas pacientes e possibilitar que o enfrentamento à doença seja mais positivo (Vargas et al., 2021).

Nesta perspectiva, quando há ausência de suporte familiar e social mais próximos, nota-se que, em muitas situações, são buscadas em outras fontes o amparo necessário para a lida com os fatores estressores surgidos no percurso de tratamento, como é mencionado no seguinte fragmento:

“A minha rede de apoio eu encontro, primeiramente, lá no posto, com os profissionais. Até a semana passada eu estive lá no posto de saúde do meu município” (S4:US6).

Com base no exposto por S4, vale destacar a importância da atuação desses profissionais junto aos usuários que chegam às instituições de saúde com receios, angústias e expectativas de que encontrarão ali o amparo e as respostas para os problemas que estão enfrentando. De modo que os trabalhadores da saúde



também desempenham papel fundamental no atendimento às necessidades dos sujeitos que o procuram, além de serem responsáveis por fortalecer o senso de segurança e de apoio tão importantes quando a pessoa se depara com o diagnóstico de uma doença ameaçadora da vida, a exemplo do câncer. O que reitera a relevância de um fazer profissional pautado pela ética e preocupado com um cuidado humanizado e holístico.

Desta forma, vale destacar que o ser humano é essencialmente um ser em relação, e é por meio das relações que estabelece consigo mesmo, com o outro e com o mundo, que uma pessoa encontra as bases para seu processo de amadurecimento e de autorrealização. O que fica perceptível com os conceitos da Gestalt-terapia de autossuporte ou autoapoio - compreendendo os recursos internos desenvolvidos pelo sujeito ao longo de sua vida e que estão à disposição de si mesmo e do outro - e de heterossuporte ou apoio ambiental - recursos externos ao indivíduo que são utilizados para lidar com situações cotidianas. O heterossuporte é de extrema importância pois, é através do apoio ambiental, que a pessoa encontra a força e a segurança para explorar o mundo à sua volta e para se defrontar com aspectos de si mesmo, processo em que ocorrem aprendizados imprescindíveis para que o sujeito amplie seus recursos internos (Augustin & Bandeira, 2020).

Do contrário, quando não encontra o suporte necessário, como nos casos de experiências de solidão vivenciadas pelas mulheres entrevistadas, a tendência é que o indivíduo tenha dificuldade de continuar a fluir em seu processo de amadurecimento, podendo experimentar sentimentos e comportamentos disfuncionais, como ansiedade, insegurança e baixa autoestima. Por essa razão, essas mulheres buscam em seu ambiente algum amparo para se fortalecer diante de todos os desafios impostos pelo adoecimento, encontrando, por vezes, esse apoio em outras pacientes que estão vivenciando contexto similar.

Destarte, percebe-se que o adoecimento pelo câncer de mama é uma experiência perpassada pela corporeidade, em que diversas são as alterações e mutilações sofridas; pela temporalidade, haja vista o câncer apontar para a possibilidade da morte, de um tempo de vida que chega ao fim; pela espacialidade, pois o espaço vivido pelo sujeito sofre intensas alterações, tal qual sua existência no mundo; e pela relação com o outro, o que assume importância ímpar frente a tantas mudanças e incertezas (Souza et al., 2020).

### **Pensamentos de morte diante da experiência de solidão**

O diagnóstico oncológico faz com que paciente e familiares se defrontem com a condição humana da finitude ao apontar a morte como possibilidade de desfecho, que, em muitas situações, traz sofrimento às mulheres em tratamento de câncer de mama em função do medo da morte, conforme pode ser percebido no seguinte trecho: “Eu tinha muito medo de morrer e deixar minha filha sozinha. Ela não tem pai, não tem mais ninguém, não tem avó. Eu só pensava em morrer e não ver mais minha filha, não cuidar mais dela” (S3:US5).

É importante perceber que o câncer ainda apresenta altas taxas de mortalidade, apesar dos avanços nos tratamentos (Instituto Nacional de Câncer, 2022), o que provoca intenso sofrimento e angústia em muitas pacientes, as quais, geralmente, fazem associação da doença com a morte. A finitude, por sua vez, é relacionada à impossibilidade de continuar acompanhando os momentos ao lado dos seus entes queridos ou a deixar seus familiares desamparados. Em última instância, essa angústia também está correlacionada com o medo do desconhecido frente às incertezas provocadas pelo adoecimento (Benossi & Chiarani, 2019).

Vale destacar que esse sentimento de medo geralmente é intensificado quando o sujeito não encontra uma rede de apoio estruturada, percebendo-se sozinho. De modo que a solidão, como já aludido

anteriormente, faz com que as pessoas fiquem mais fragilizadas face a todas as dificuldades enfrentadas, despontando sensação de impotência ou de esgotamento de recursos internos para lidar com os obstáculos.

No entanto, a relação com a morte ante o sofrimento do diagnóstico e da solidão não ocorre somente pela via do medo, mas também aparece, por vezes, enquanto um desejo de colocar fim ao sofrimento vivido, algo ilustrado pela fala seguinte:

“Porque é muito ruim você ficar assim com a mente desocupada, que você só fica pensando besteira. Já pensei até em pedir a Deus pra me levar, desde que eu fiquei doente. Porque, assim, você vê as pessoas que você gosta se afastando de você, que você achava que era uma coisa e não é, né? (...) De querer fazer besteira, querer fazer, tipo, se matar, às vezes eu fico pensando” (S2:US11).

Por essa via, pesquisas apontam um risco aumentado de ideação suicida entre pacientes oncológicos, associado a fatores como depressão, dor, recidiva da doença e relato de transtorno psiquiátrico. Ainda abordam que a elevação no risco de suicídio ocorre devido ao diagnóstico de câncer provocar sofrimento extremo e confrontar o indivíduo com sua condição de finitude, desencadeando questões existenciais (Macedo, 2023).

No entanto, chama atenção na fala de S2 como o significado atribuído ao pensamento de morte está relacionado ao afastamento de pessoas consideradas importantes. Esse dado acrescenta um novo fator às retrocitadas pesquisas sobre o tema, pois aponta a possibilidade da solidão como relevante na compreensão do comportamento suicida entre esses pacientes.

Outro ponto relevante é que a entrevistada aciona o divino ao desejar a morte no contexto de intenso sofrimento, trazendo a ideia cristã de que se Deus fez a vida, somente Ele pode tirar. Ainda pode-se pensar que esse recurso é utilizado como um meio simbólico de sustentar a angústia, pois Deus é visto como um ser bondoso e acolhedor, então ser levado por ele suaviza a ideia da morte enquanto um fim repleto de dor e de sofrimento. Sob esta ótica, a relação com a fé também pode ser utilizada como meio de fortalecimento e de distanciamento de pensamentos suicidas, o que é abordado na seguinte fala:

“Mas quando chega aquele pensamento mesmo que é aquelas loucuras que dá na cabeça, aí eu começo a rezar. Tenho medo que essas coisas negativas acabem me levando a fazer coisas piores... pensamento de morte, de tirar a vida” (S3:US9).

Assim, nota-se que, ao precisar enfrentar o medo do diagnóstico, da morte, das limitações e da solidão, o sujeito busca por fontes de amparo e segurança, ou ainda por respostas diante de tantas incertezas em relação ao futuro. Compreender as razões para o sofrimento e para a possível morte é um meio de buscar aliviar a tensão e a angústia.

Dessa maneira, a religião e a relação com uma figura divina trazem muitas respostas, mesmo que subjetivas, ainda ocorrendo uma promessa de eternidade após a morte, motivos pelos quais os pacientes estabelecem uma conexão mais forte com sua religiosidade nesses momentos de intenso sofrimento. Em outras palavras, ocorre um *coping* religioso positivo que trata de uma correlação entre uma conexão religiosa e/ou espiritual na mudança de comportamento ou da perspectiva (pensamento/percepção) sob uma situação estressante, de modo a enfrentá-la (Forti et al., 2020).

Nesse contexto, vale destacar que o pensamento de morte não significa, necessariamente, um alto risco de suicídio (Trindade, 2023), mas falas com esse teor podem apontar para um esgotamento de recursos internos de enfrentamento perante um sofrimento intenso e contínuo, como pode ser observado no trecho a

seguir: “Tem hora que eu peço a Deus pra me levar, não vou mentir. Não que eu tenha instinto suicida. Mas é porque eu tô passando por uma situação difícil que tem hora que eu acho que eu não vou suportar” (S1:US12).

O conteúdo expresso pela entrevistada em sua fala indica uma sensação de cansaço extremo e de esgotamento de recursos internos para enfrentar todos os obstáculos e dificuldades de sua rotina de adoecimento e de tratamento, apontando, ainda, para um desejo de ter um alívio desse sofrimento.

Por conseguinte, urge que os profissionais de saúde estejam atentos a esses aspectos e tenham a sensibilidade de saber escutar e acolher esses pacientes, para que, assim, possam lhes auxiliar no processo de fortalecimento do autossuporte ao estabelecer uma vinculação importante e necessária, especialmente dado o contexto de solidão e desamparo vividos (Augustin & Bandeira, 2020). Ressalta-se também o quanto o sofrimento psicoemocional influencia na qualidade de vida dessas pessoas, devendo ser tratado com a mesma importância nos cuidados ofertados quanto a dimensão física.

### **Estratégias de enfrentamento das pacientes em tratamento de câncer de mama**

O adoecimento oncológico acarreta importantes alterações físicas e psicológicas, sendo considerado um estressor. Além disso, ele expõe o paciente a uma série de eventos complexos e dinâmicos ao longo das diversas etapas do tratamento, suscitando que o sujeito tenha comportamentos adaptativos na lida com esses eventos estressantes. Nesta perspectiva, são acionados recursos internos ou externos que estão à disposição ou, em muitos casos, é preciso que sejam construídos novos recursos para enfrentar a nova realidade de vida da pessoa (Fernandes et al., 2019).

Ainda de acordo com a mencionada autora, esse processo exige a mobilização de recursos emocionais, comportamentais e cognitivos. Como esses recursos são adquiridos ao longo de toda a vida do sujeito, cada indivíduo vai criando o seu próprio meio de lidar com as adversidades que encontra, de maneira que o recurso utilizado por uma pessoa pode não servir para outra; isto é, as estratégias de enfrentamento são contextuais. O que indica que não existe uma estratégia certa ou errada por si só, mas se deve buscar compreender a função de cada recurso dado o contexto em que está sendo utilizado, de maneira que seja possível avaliar se a resposta adaptativa é funcional ou disfuncional naquela situação.

Portanto, os recursos de enfrentamento são importantes na compreensão da vivência de mulheres em tratamento de câncer de mama, pois ajudam a compreender de que modo elas articulam o autossuporte e o heterossuporte como adaptação às mudanças ocorridas em suas vidas e na lida com a experiência da solidão. Ampliando essa compreensão, a Gestalt-terapia utiliza o conceito de ajustamento criativo que indica uma capacidade de o sujeito fluir e se adaptar ante às mudanças e aos desafios, imprimindo sua marca nos acontecimentos da vida, atualizando suas potencialidades e acionando-as na interação com o mundo. A partir do contato com a realidade, o sujeito aciona criativamente seus recursos existentes ou cria novos, preservando a capacidade humana de autorregulação, ou seja, há um reposicionamento criativo frente ao vivido no presente (Augustin & Bandeira, 2020).

Por esse viés, reações emocionais que acompanham o enfrentamento à doença e aos demais desafios relacionados, tais como a solidão, podem ser compreendidas como um ajustamento criativo diante dos fatores estressores, como pode ser observado na seguinte fala:

“Eu sinto que quando eu choro, eu alívio um pouco, assim, a alma, entendeu? É como se as minhas lágrimas lavassem alguma coisa que esteja precisando ser lavada, entendeu? Eu acredito que o choro

é talvez um subterfúgio que eu use pra sair de tudo isso, dessa situação de vulnerabilidade que eu estou me sentindo estar” (S1:US11).

É fato que o ato de chorar geralmente é visto como um comportamento a ser evitado, uma vez que as pessoas apresentam dificuldade de lidar com a expressão de emoções vistas como negativas. No entanto, a entrevistada coloca o choro como uma maneira de alívio da tensão relacionada à situação de vulnerabilidade em que se encontra, o que pode ser compreendido como um ajustamento criativo face a esta conjuntura.

O choro para S1 pode assumir uma estratégia de acolhimento, ao passo que para outras pessoas essa expressão emocional pode indicar um contexto doentio, o que deve ser apropriadamente avaliado pelos profissionais de saúde, possibilitando um manejo adequado em cada situação (Lejderman & Bezerra, 2014). Já para outras pacientes, a busca pelo outro é uma das principais estratégias utilizadas, a exemplo do que é falado no seguinte trecho:

“Em termos de amigas e familiares, eu não sou de esperar muito. Gosto muito de tomar as minhas providências. Quando me sinto só, e a pessoa não vem até a mim, eu procuro ir até ela para não ficar só” (S4:US7).

Por este viés, a busca pelo apoio social constitui relevante recurso utilizado pela entrevistada, que busca no outro o amparo e a segurança para lidar com as dificuldades de seu cotidiano, reconhecendo a importância do suporte social na resolução de problemas. Ademais, observa-se na postura de S4 uma forma que a mesma utiliza para evitar ficar sozinha, sendo uma estratégia que ela emprega para enfrentar a experiência de solidão.

No entanto, essa não é a única via de fortalecimento na relação das pacientes em tratamento do câncer de mama com seu ciclo social, uma vez que algumas delas compartilham o relato de suas experiências de adoecimento com as outras pessoas e encontram neste ato motivação e força para continuarem seus tratamentos, como pode ser observado nas falas abaixo:

“E eu não perco a oportunidade de dizer pras pessoas que se cuidem, que se auto-examinem... Eu quero deixar minha mensagem. Porque eu tenho muita sede de viver bem, bem melhor do que pra trás. Pra trás passou, mas agora eu quero viver bem” (S4:US12).

“Eu ligo pras pessoas que estão doentes, dou forças pras pessoas, mostro pra elas que eu tô em tratamento de câncer, pras pessoas verem que eu também sou uma pessoa que eu tenho um diagnóstico, mas nem por isso eu me deixo me abalar por essa situação... Eu começo a conversar com as pessoas e isso aí, pra mim, já é uma autoestima” (S3:US14).

Ao trazer suas experiências com o câncer de mama como forma de incentivar que as outras pessoas se cuidem, bem como deixar a mensagem de que, apesar do diagnóstico, são pessoas com potencialidades, essas mulheres encontram uma estratégia para fortalecer suas próprias convicções de que é possível lidar com todos os desafios oriundos do adoecimento oncológico. Resgatam a crença de que são úteis socialmente e de que têm algo a agregar ao contexto social em que vivem; ambos sendo valores que são postos à prova em virtude das perdas físicas e funcionais sofridas e conseguindo, dessa forma, aumentar a própria autoestima e encontrar a motivação para enfrentar as adversidades e a construção de novos vínculos sociais.

Como pôde ser visto, variadas são as estratégias adaptativas utilizadas pelas mulheres entrevistadas, porém a espiritualidade como recurso de enfrentamento foi unanimidade, sendo abordada por todas as

mulheres ouvidas nesta pesquisa. Cada uma ao seu modo, expressou o quanto a fé é uma fonte essencial de fortalecimento, como ilustrado pelos seguintes trechos:

“Quando eu estou nessa situação (de solidão), eu não deixo ela tomar conta de mim, né? Eu começo a rezar. Rezo, rezo, rezo. Aí vai acalmando meu coração. E aquilo vai saindo da minha cabeça. Vai saindo da minha vista. Vai saindo do meu psicológico” (S3:US10).

“Mas, em muitos momentos que eu me sentia sozinha, eu rezava, rezava, né? Pedia a Deus força e ele me dava a força dele. Eu encontro a minha melhora na minha fé, na minha vontade de vencer tudo isso, né?” (S5:US9).

Desta maneira, a religião e a espiritualidade são utilizadas por essas mulheres para enfrentarem os eventos estressores referentes ao câncer de mama, mas também como meio de lidar com a solidão, afinal, pesquisas (Forti et al., 2020) mostram a relação entre a espiritualidade e a adaptação ao diagnóstico e ao tratamento de câncer, promovendo bem-estar psicoemocional. Quando se deparam com a solidão, buscam na fé um amparo que lhes falta pela ausência de vínculos significativos.

Vale destacar que, diferentemente da relação com a fé referida no eixo anterior, aqui a espiritualidade é abordada pelas entrevistadas como um recurso marcadamente acionado no enfrentamento dos impactos subjetivos do diagnóstico oncológico e das experiências de solidão. Em ambas as situações, a relação com o divino funciona como fonte de amparo, sendo um alívio frente a situações angustiantes, porém se utilizam de aspectos simbólicos diferentes da religiosidade. Enquanto no exemplo dado anteriormente o divino é apresentado numa estreita relação com os pensamentos de morte, nesse contexto as pacientes trazem a fé como fonte de fortalecimento no sentido de continuidade da vida.

## **CONSIDERAÇÕES FINAIS**

Esta pesquisa buscou compreender as experiências de solidão de mulheres em tratamento de câncer de mama em um centro oncológico de Fortaleza, referência Norte-Nordeste. Para tanto, foi utilizado o método fenomenológico empírico, sendo formulados quatro eixos: significados de solidão e repercussões emocionais; percepções acerca do apoio sociofamiliar frente aos desafios do adoecimento e dos tratamentos; pensamentos de morte diante da experiência de solidão; estratégias de enfrentamento das pacientes em tratamento de câncer de mama.

Em síntese, os achados de cada eixo indicam que o significado de solidão atribuído pelas entrevistadas é marcado por suas biografias, conferindo um caráter singular e subjetivo ao fenômeno, no entanto, esse fator não impede que existam, também, similaridades em suas vivências. Nesta perspectiva, o sofrimento relacionado ao câncer pode ser intensificado em virtude das situações em que essas pacientes se percebem desamparadas, o que está associado aos impactos do adoecimento nas relações sociofamiliares.

Outrossim, a solidão pode deixar as mulheres em tratamento oncológico mais vulneráveis ao medo da morte, questão presente desde o diagnóstico. No entanto, é preciso destacar que a morte, por vezes, aparece como uma forma de pôr fim ao intenso sofrimento vivido, contexto em que a relação com o divino aparece com frequência. Dito isto, as entrevistadas relatam as estratégias que utilizam no enfrentamento aos diversos desafios surgidos ao longo do tratamento, em que o apoio social e a espiritualidade são os mais citados.

Como limites desta pesquisa, aponta-se que ela aconteceu com o público do gênero feminino, porém sem levar em consideração fatores como: outros marcadores sociais, tais quais sexualidade, nível educacional, raça e classe social e os familiares e acompanhantes que davam suporte às participantes do estudo. Logo, é importante pontuar a necessidade de que futuras pesquisas possam se debruçar sobre a temática deste estudo com foco nas questões raciais, tendo em vista que a raça produz atravessamentos significativos nas experiências de vida dos sujeitos. Também se sugere que a solidão seja pensada na perspectiva dos familiares dos pacientes e dos profissionais que os atendem, possibilitando uma compreensão mais ampliada do fenômeno.

Por fim, conclui-se que atravessar os desafios impostos pelo adoecimento oncológico e experimentar a solidão nesse caminhar lança essas mulheres no defrontar-se com seu corpo que padece pela doença, que é mutilado pelo tratamento e com sua temporalidade e existência que são ameaçadas pelo câncer. Em última instância, reflete para essas pessoas a sua própria condição de finitude e de falibilidade, em que a morte, assim como o nascimento são inevitavelmente uma passagem solitária. Disto, compreende-se a quão dolorosa e agregadora de sofrimento é a experiência de solidão, especialmente para aquelas que, desde o diagnóstico, são projetadas às diversas incertezas do viver e do morrer.

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# Qc a df c a Wgc hWc 5dc \_ hWc RO dgWc \_c UWb OSgQc \_OHdf hWc W d \_WORO Qc a Of SO \_WORS Qc bQf ShORO Qc a i bWORS

HVKIFDOOSRQWEDOF R P P lWp HQWR I SVJ FKROR J J DWWEKRRG-SUDFWFHILQYR OYHG Z lWK VKH  
FRQFUHWHUHDQVY RI WKHFR P P XQlWY

\_u Êxy QuÉÉÀ 4a uÉ'úÁu UyÁí<sup>2</sup> dyÉyà 4RuÁ'y<sup>2</sup>u Ry<sup>23</sup> uÁxÀ xy TÉy'íuÊ 4f uÇÓy<sup>2</sup> gÀÒàu \_Àv À UÓààÀ

## f yÊÓ<sup>3</sup> À

Ewh wdeddkr xp thæw gh h|shul qfId gdvd hv gd Pvlfr σ j Id Evfr ælu Pdul  
txh r hvsdr hvfr ælu vhrd surprwu gh ghvhqyr gylp hqw h shyhqvlvyr, d  
svlfr σ j Id qd hvfr æl qhfhwlv s ælqhrdufr qnæqvdp hqvñ d hv txh surpydp  
p xgdq dv vxewæqfIdlv qd ylgd gd hvfr æl h gh vxv dw thv. As thvhqvælp r v r  
ia|r lqvwæfIr qdogh wdeddkr gr Purj udp d ECOAR fr p r xp dsr wleldgdgh gh  
dvd r gd Pvlfr σ j Id qd Evfr æl sdud d fr qvwæ r gh d hv shyhqvlvdr dr v  
ulvrv qr ghvhqyr gylp hqw gh hvægdqvñ h dfr p sdqkdp hqw gr hqvqr-  
ds thqgl<sup>1</sup> dj hp gh fIdq dv, myhqvh dgxæw. **du<sup>2</sup>uÇuÉSw-uÖy**: Pvlfr σ j Id Evfr ælu  
lqvñuñw uddgdgh; Pu |lv Rhyr æfIr q uld.

## OvÉÉÉwí

Tklv z run lv dq h|shulqfh uhsrur i vkh dfvlr qvri Sfkrr oPv' fkr σ j '. Fr uvkh  
vfkrro vsdfh w eh ghvhæsp hqwsurpv lqj dqg shyhqvælvh, vfkrro  
sv' fkr σ j ' qhhgvw mlqvò s ælqdfvlr qvkdvs urp vñ vxewæqvldcf kdqj hv lq vkh  
dihri vkh vfkrro adqg lwdfw u. Whz læs thvhqwk h lqvwævlr qdoz r uniaz ri vkh  
ECOAR Purj udp dv dsr wleldw ir uPv' fkr σ j ' dwSfkrrovr ghvhæss shyhqvlyh  
dfvlr qv w dgguhw ulvn lq vkh ghvhæsp hqwri vxghqw dqg prqlw u vkh  
vndfklqj -ðndqlqj ri fklæghq, 'rxqj shrs ðn dqg dgxæw.

**ZyâUÁÉxÉB** fkrroPv' fkr σ j ' ; lqvñuñfw uddw; Rhyr ævlr qdu Pudl lv

Dr xw udaqgd hp Pvlfr σ j Id  
fr p r Purilw r hCl qfIdshæd  
Pr qwilfId Uqlyhu lgdgh Cdw df d  
gh Cdp s lqdv (PUC-Cdp s lqdv).

Pr qwilfId Uqlyhu lgdgh Cdw df d  
gh Cdp s lqdv (PUC-Cdp s lqdv).

Pr qwilfId Uqlyhu lgdgh Cdw df d  
gh Cdp s lqdv (PUC-Cdp s lqdv).

Pur ihvr udlwælugd Pr qvli fId  
Uqlyhu lgdgh Cdw df d gh  
Cdp s lqdv (PUC-Cdp s lqdv) gr v  
surj udp dv Gudgxd r hP v-  
judgxd r hp Pvlfr σ j Id

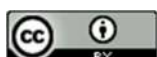
**Sx'íÁÉuÉÉAwuxÁHl** ddq d qd Cdw lqgd  
gh Sr xvd Bhur ægr h Mdwlqv

**f ywv'xÀy<sup>3</sup>** H05/12/2023

**Owy'íÀy<sup>3</sup>** H29/07/2024

**dÓv<sup>2</sup>wuxÀy<sup>3</sup>** H23/12/2024

**Q'íuÉ** Cdw r , L., Phuh", M. G., Fuhlvdv,  
D. D., & Gx""r, R. S. L. (2024).  
Crpsurplwr vfr-sræwfr gd  
svlfr σ j Id qd hvfr æl Pu vld  
lp s df dgdf r p d uddgdgh fr qf thvd  
gdfr p xqlgdgh. *Mr valfr: Ewægr vhp*  
*Pvlfr σ j Id*, 12(1), 143-155.





## WÍÆAxÓ À

Ep 2019,ir ldsurydgddLhlqx13.935txhglvs hvr euhdlqvhur r gdPvlfrσjldhgr Shuyl r Srfldoqd uhghs edfdghhgxfdr e vld(Budlv2019).Alqgdvhp r vxp σqj r fdp lqkr qdexvds hæl lps dhp hqwl r ghvloglvs rvl r, p dvs r ghp r vlqyhwlj dudklwudgdPvlfrσjldsdufr p suhhqghp r vfr p r fkhj dpr vdw dtxlhtxdofdp lqkr ghyhp r vwlckduqhwhs ur fhwr.

A Pvlfrσjld vxj h, fr p r fl qfld h surilw r, hp p hlr xp d vr flhgddgh hp wlvqvir up d r, vhqgr fkdpgdgs dud dvhqghu v ghp daggdv r uxqgdv ghvwl uhvwxvud r surgxvlyd. Avwlvqvir up d hvsurgxvlydv j hudp lps d f d hvhp lqvwxl hvtxhvxwhvqvdv dthæd hvvr fldlv, fr p r didp ddhr wledckr. Pdudp dqvhu d r ughp vr fldo ghp daggdgr txh dv fl qfldv dvhqgdg dr v lqvhuwhv gd r ughp surgxvlyd, dj lqgr fr p r lqvwxp hqwr v. A klwudgd fl qfld fdp lqkd ræqr klwudgd kxp dqlgdgh h gh vxv fr qvhl wv hvs hf ilfr v (Br hfkdw2017; Gx""r & Rlehlur, 2019). Mhvp r vhqgr uhfr qkhflgd fr p r fl qfld h surilw r, d Pvlfrσjld q r v h fr qilj xud gh ir up d xq wr qd h kr p r j qhd; dedufd xp d d p s æ j d p d gh vnr udv h su vldv gh edvhv hslwñp r o j lfdv glyhuw dv h, dw p hvp r, lqfr p s dwyhlv hqwh vl (Pdnhu 2014).

Up d sr wyhona wlvlf d v y d s dud wlof d u d f v h u w l f d i u j p h q v l g d d r f x s d r g d P v l f r σ j l d h p g l y h u r v v h v u h v g h w l e d d k r, f d g d x p g h p d a g g d q g r l q v h u h v h v s h f i l f r v h, s r u d l q w r, v h x v d " d a g g r g h y l v h v g h p x q g r, l q w x p h q w r v h w f q l f d v g l i h u h q v h v (A u d x m, 2021). U o v d s d v d g d d n a w l f d v y d v x s h u l f l d o f r p s u h h q g h v h t x h f d g d f r q f h s r g h w l f l q f l d f d u h j d f r q v l j r, p h v p r t x h q r g h f æ l d g d p h q v h, x p s u r r h w r v r f l h w u r.

A ir up d r h p P v l f r σ j l d, q r B u d l v o f d u d f v h u " r x - v h f r p g l u h f l r q d p h q w r s u v l f d g d f o q l f d s u y d g d f r q v h | w d d " d g d q r u j l p h p l d v u h p y l j r u s r f d g h v x d h æ l e r u d r (D l d v & G x "" r, 2018; G x "" r & R l e h l u r, 2019). Thqgr hp ylvwl hwh fr p s dñ r s dqr u d p d, f d e h - q r v s h q v d u f r q w w l u h g h i h q g h u x p d P v l f r σ j l d s d u r f d p s r g d h g x f d r l p s d f d g d f r p d w l v q v i r u p d r v r f l d o s r u p h l r g h x p d s u v l f d d e h u d g r u d.

Nr Budlv wlvldqgr -v h g d u h d g d h g x f d r, d P v l f r σ j l d g l w h p l a d g d h p f r q i r u p l g d g h f r p r s h u l o g r p l a d q v h g d f d v h j r u d, f r p s u v l f d v s d v r σ j l " d q v h v t x h f l a g h p r l a g l y g x r g h v h x f r q v h | w v r f l d o C r q w x g r, f r p s u h h q g h p r v f r p r s r w y h o d w l v q v i r u p d r g h w h p r g r g h v h u g d s u r i l w r. E w h s u r f h w r y l d e l d " d - v h q r v s h æ l æ v l g d s u h v h q d g h w h s u r i l w l r q d o q d v h v f r æ l v s u h y l w æ h j d u d q v l g d s r u d l. P d u d o p g l w r, d æ v l g d f d v h j r u d g h y h v h u y r æ l g d g h i h v d g h x p d P v l f r σ j l d q d h v f r æ l, t x h l p s d h p h q v h g h p r g r f æ l u r x p d s h u s h f v l y d g h h w x g r h d r y r æ l g d h p d q f l s d r k x p d q d. P d u d w l q w r, i d " - v h q h f h w u r r h q v h a g l p h q w r g r v x r h l w r, v h r d h d h w x g d q v h, i d p d d r x i x q f l r q u r g d h v f r æ l, f r p r s d u h g h x p f r q v h | w v r f l d o (D l d v & G x "" r, 2018).

O Budlvfr qilj xud-vh fr p r x p s d v g h g l p h q v h v f r q v l q h q v l l v, f d u d f v h u " d g r s r u f r p s dñ d v u d æ h v v r f l d l v t x h f r q w w l h p d v r f l h g d g h g l y h u d t x h r f r p s h. A w l p, r g h v d i l r g r s u r i l w l r q d o q h w h f r q v h | w w l e d d k d u f r p g h p d a g g d v, u h d d g d g h v, s h w r d v, f x æ u d v h f r q v h | w v g l y h u r v. P d u d w l q w r, f r p s u h h q g h p r v t x h x p r d k d u p l q x f l r v r h d v h q w r g h y h v h u y r æ l g r i r u p d r g h w h v s u r i l w l r q d l v, v h q g r f d s " g h f d s d f l w - æ v s d u d x p d d v x d r f r q v h | w d d " d g d, l p s d f d g d f r p d u h d d g d g h (G x "" r h w d o 2020).

Ep exvfdgh dvhqghu v ghp daggdv r fldo hqwh ghvjl qdgdv f d v h j r u d, d P v l f r σ j l d f r u h r u v f r g h h p s u h j d u l q w w x p h q w v g h i r u p d l p h g l d v l. O x v h r d, y l v d q g r h i l f l q f l d h u d s l g h " g h u h v s r w æ l, p w g r v g h d r v r h v f r d k l g r v v h p u h i dñ r s u y l d g h v h x v i l q v. O v g l y h u r v l q w w x p h q w r v h w f q l f d v p s u h j d g r v q r i d " h u s u r i l w l r q d o g d P v l f r σ j l d f r p s u h h q g h p, w l p e p, x p d k l w u d, x p s u s v l w r h e d v h v h s l w h p r o j l f d v t x h

r v fr qvwxhp . Awlp fr p r qv ds r qv Gxhud (2014), d o j l f d f d s l v d d v d fr ur p s h h w d f d u f v h u v l f d g r l q w x p h q w , w d q v i r u p d q g r - r h p x p p h u r r e r h w , g h v s l g r g h f d j d v l f r - s r o v l f d .

Tudv l q g r - v h g d P v l f r o j l d q d h v f r a l , h v s h f l i l f d p h q v n q d s r o v l f d g h g x f d r s e d f d , r e v h y d p r v d l q v n u h f r g d v w v s u r e d n p v l f d v d s r q v l g d v d w d t x l : (1) d e d v h i u d j p h q v l g d h g l y h u d g h w d f l q f l d ; (2) v h x h q i r t x h f o q l f r h s u l y d g r s u h g r p l q d q v n q d i r u p d r ; h (3) d x v l d " d r g h v h x v l q w x p h q w v g h i r u p d l u h i d v l g d h d f u v l f d . O x v h r d , v h h w d p r v v d v l q g r g d P v l f r o j l d q d h v f r a l , h w d g h y h v h u w d e d d k d g d g h i r u p d d u r p s h u f r p r p r g h o p g l f r , t x h u y h w n k l w u l f d h v r f l d p h q v n d s u r i l w r , h s d w d u d d g r w l u x p r d k d u f u v l f r h f r q v n | v x d d " d g r g d u h d d g d g h q d t x d o v h g h v h q y r o y h r v d e d d k r . A P v l f r o j l d q d h s d u d d h v f r a l g h y h v h u s d x v l g d v r e u h d u h d d g d g h g d f r p x q l g d g h h v f r a l u q r v v h u l w u r v h f r q v n | w v h v s h f i l f r v q r t x d o v h l q v n u h ( M r u h l u d & G x " " r , 2017 ) , f r p s u h q g h q g r x p d v n r u d , s u v l f d h g l u h f l r q d p h q w v l f r d g h t x d g r v v g h p d q g d v h u h d d g d g h f r v l g l d q d g r v h w x g d q v n v .

Awlp , f r p s u h q g h p r v t x h d d v x d r g d P v l f r o j l d q d h v f r a l g h y h v h y d d u g h x p d f r q f h s r d s x u d g d d f h u f d g d t x l o t x h a l q d p r d r u h d d " d u v h x i d " h u s u r i l w l r q d o O s u r i l w l r q d o g h P v l f r o j l d g h y h v h u f d s d f l v d g r s d u d d v x d u h p x p f r q v n | w t x h g h p d q g d i r u p d r h v s h f i l f d s d u d q r d s d f d u d o j l f d g r v v h u l q j v f o q l f r v q d u h d d g d g h g d h g x f d r s e d f d . Awlp , r s u r i l w l r q d o g h y h v h u g r p q l r v r e u h d w f q l f d g h d f r u g r f r p r f r q k h f l p h q w g h v x d v i l q d d g d g h v ; g d g l u h r t x h q r u h l d v x d v d h v h , s r u d q w , d h v f r d k d g h t x d g d g r v l q w x p h q w v q h f h w u r v p h g l d r g d v g h p d q g d v r f l d l v ( G x h u d , 2014 ) . N h w n v h q v l g r , r P u r r h w E C O A R v l d k d x p f d p l q k r t x h y l v d l q v n j u d u d v g l p h q v h v t x h f h u f h l d p r v d e d d k r g d P v l f r o j l d q d h v f r a l : d d q k d q g r d s h u s h f v l y d v l f r - s r o v l f d t x h q r u h l d d d r s h o h v f a l u h f l p h q w g h v x d v i l q d d g d g h v ; d w f q l f r - r s h u d v y d , t x h j x l d d h v f r d k d g r v l q w x p h q w v , w f q l f d v h g h p d l v s u r f h g l p h q w v ; h d v n u f r - p h w g r o j l f d , t x h i r u q h f h d l q v n j u d r g r v i x q g d p h q w v v n u f r v s u v l f d s u r i l w l r q d o ( C r w d , 2008 ) . P d u d v l q w , q h f h w u r x p d d q k d p h q w h q v n v x d v e d v h v n u f d v , d q k d v g h d h v , p r g r g h i x q l r q d p h q w h i a | r v l q w l x f l r q d l v .

C r q v l g h u d q g r l w r , r P u r r h w E C O A R i x q g d p h q v l v x d v d h v h p e d v h v n u f d v t x h g r d s r u n d r i d " h u s u r i l w l r q d o h p f r q i r u p l g d g h f r p d u h d d g d g h . P d u d v l q w , i x q g d p h q v l - v h p 4 e d v h v n u f d v : d P v l f r o j l d C u v l f d ; d P v l f r o j l d g d L l e h u d r ; d P v l f r o j l d H l w u f r - C x o x u d o h d P h g d j r j l d g h P d x o F u l h .

A d g r r g h x p d s h u s h f v l y d f u v l f d g d P v l f r o j l d l p s d f d q d f r p s u h q v r g r v h w x g d q v n v h p v x d f r p s d | d u h a l r f r p r f r q v n | w v r f l d o A o p g h u r p s h u f r p d o j l f d l q g l y l g x d d " d q v n , d v f r q w x h v f r d v l y d v g d v d h v s r w l e l d v l p s u r f h w r v g h w p d g d g h f r q v l q f l d h i r u d n f l p h q w g d f r p x q l g d g h h v f r a l u ( G x " " r h w d q , 2020 ) . Awlp , s d w d p r v d h q v n q g h u d P v l f r o j l d q d h v f r a l f r p i r f r q d d e h u d r , q r p d l v f r p r i h u d p h q v l g h s r g h u g h q w r g h l q w l x l h v . N h w d s h u s h f v l y d , d d q d v h g d v f r p s d | d v u h a l h v t x h s h u p h l d p d y l g d g r h w x g d q v n v h w u d p d l v d s x u d g d . P d u l q g r g h x p d e d v h s l w n p r o j l f d v d g d , d P v l f r o j l d C u v l f d s r v x a l g d s r u H r o n d p s ( 2016 ) q r v i r u q h f h i h u d p h q v l v s d u d r h q v n q g l p h q w g d u h d d g d g h p d v n u d o k l w r u l f d p h q v n o f d d " d g d , d w l p f r p r s d u d d f u d r g h s r w l e l d g d g h v g h h q i u h q v l p h q w y l r o q f l d , s d u l q g r g d s h u s h f v l y d g r v x r h l w , f r p v h x v u h f x u r v g l v s r q y h l v .

A s v l f r o j l d g d L l e h u d r g h M d u w q - B d u w d " d g l p h q v r v l f r - s r o v l f d g r i d " h u s u r i l w l r q d o w q d , g l u h f l r q d q g r v x d i l q d d g d g h h p d q f l s d r k x p d q d h p x p f r p s u p l w r v l f r h s r o v l f r q d a v d f r q w d s u r f h w r v g h r s u h w r h h | f o x v r . E p f r q i r u p l g d g h f r p d P v l f r o j l d C u v l f d g h H r o n d p s , M d u w q - B d u ( 1998 ) f r p s u h q g h r s d s h o i x q g d p h q v l o g d v f r q g l h v g h y l g d h g r f r q v n | w q r v t x d l v r v x r h l w v h g h v h q y r o y h s d u d

vxd irup d r. Sxd frqfhs r gd yloqfld frpr xp ihq phqr svlfrwrfldo upsh frp d o j l f d lqglylgxdo“dqvh hœq dœ” vfrqgl hvvr fldlvhs r o l f d v s r w d v.

Pdud Mduwq-Bdu (1997), r sds ho gr surilwlr qd o gh Pvlf r œ j l d gh sur slfdu surfhwr v gh frqvflhqw d r. sru phlr ghwhv txh rv lqgly gxr v srghp ghvhqyr ophu p dlr u frqwr d vreh vxdv frqgl hv, dp sœdqgr vxdv srwleldgdghv gh d r. Ar id“ -œ, r vxrlw lqdxj xud xp qryr frqkhflp hqw, vhaqr hwhr prwusdud d w d q v i r u p d r v r f l d o O x v h r d , g h i h q g h - v h d g l v s r q l e l d “ d r g r v d e h u s v l f r o j l f r s d u d d f r q w x r g h s r w l e l d g d g h v g h q i u h q v l p h q w d l v x d h v g h r s u h w r h h | f œ v r (Gx““r, h w d q , 2021).

Adqkdgd d h w d o j l f d , d f r q f h s r g h g h v h q y r o l p h q w k x p d q r f x q k d g d s r u V l j r w n l (1935/2018) ir u h f i h i u d p h q v l p s r w d q v h s d u d d P v l f r œ j l d q d h v f r œ l . P d u d h w h d x w u r g h v h q y r o l p h q w k x p d q r s d u h g h x p s u r f h w r f r p s d | r , s h u p d q h q v h h g l d o v l f r , k l w u f d p h q v h h v r f l d p h q v h œ f d d “ d g r . A f x œ x u d v h p r w u d f r p r h d p h q w i x q g d p h q v o d r v s u r f h w r v g h d s u h q g l “ d j h p h , s r w d q w , g h g h v h q y r o l p h q w l q v h j u d o s r u p h l r g d d w l p l œ r g d f x œ x u d , q d v u h œ h v r f l d l v , t x h r v x r l w v h g h v h q y r o y h .

Cr q w x g r , w d v d - v h g h x p s u r f h w r g l d o v l f r q r t x d o r v x r l w v h p j u d q g h s d s h o h p v x d d r q r p h l r t x h r f h u f d . A w l p f r p s u h q g h p r v t x h h w h x p d j h q v h d v l y r h p v x d u h d d g d g h , v h q g r h w d s d w y h o g h w d q v i r u p d r s r u p h l r g d d r k x p d q d . O x v h r d , q h f h w u r u p s h u g h i l q l v l y d p h q v h , f r p d g l f r w p l d h q v h r v r f l d o h r l q g l y l g x d o (Gx““r, h w d q , 2021). A g r v d u h w d s h u s h f v l y d g h g h v h q y r o l p h q w k x p d q r s r w l e l d v d f r p s u h q g h u t x h : f d g d h w x g d q v h f r p r q l f r h p v h x s u r f h w r g h d s u h q g l “ d g r ; h q v h q g h u h y d œ u “ d u d f x œ x u d t x h r f h u f d v h w u d l p s h u d v l y r h p v h x d f r p s d q k d p h q w ; r v x r l w v h p x p s d s h o i x q g d p h q v o q d f r q w x r g d v f r q g l h v p d v h u d l v g h y l g d , v h q g r f d s d “ g h d j l u d v l y d p h q v h h p v x d w d q v i r u p d r .

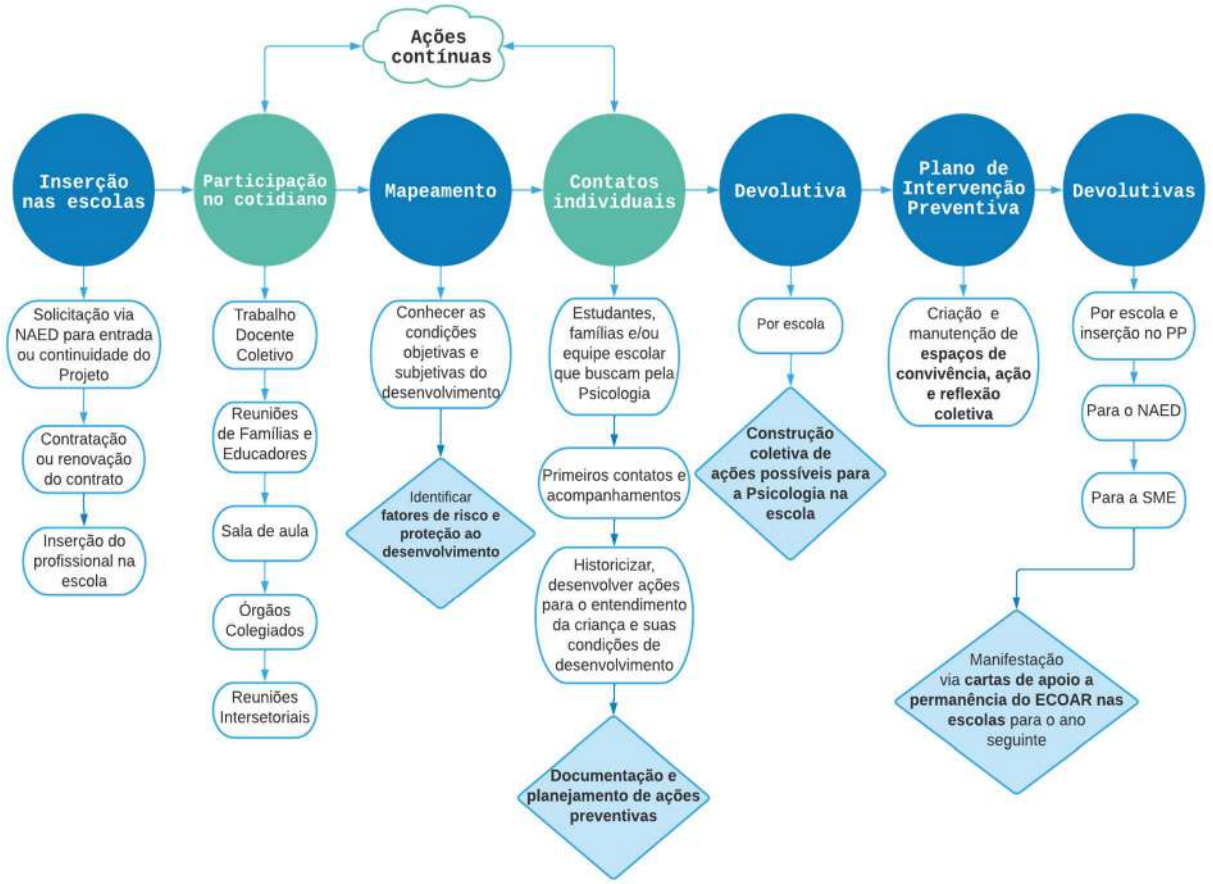
Pr u i l p , d s h u s h f v l y d f u v l f d q d h g x f d r f x q k d g d s r u F u l l u h (2000, 2002, 2005) d f r q w l x l f r p r q r q h x w d , x p d y h “ t x h y l v œ p e u d x p s u r h w r v r f l h w u r , p h v p r t x h q r , r e r h v l y d p h q v h , g h f œ l d g r . F u l l u h f r p s u h q g h r v h u k x p d q r h p v h x s u r f h w r g h g h v h q y r o l p h q w s h u p d q h q v h , q r g h d p l w d g r d f h u d l g d g h r x i d v h g d y l g d . O s u r f h w r g h d s u h q g l “ d j h p v h p x p d i x q r v r f l d o t x h g h y h h w d u d d q k d g d h p d q f l s d r k x p d q d , d r v s u r f h w r v g h v l g h r œ j l “ d q v h , s r w l e l d v d q g r t x h r h w x g d q v h v h q k d r f r q k h f l p h q w g l v s r q y h o f r p r i h u d p h q v d g h w d q v i r u p d r v r f l d o P r w d q w , f r p s u h q g h p r v t x h d P v l f r œ j l d v h p x l w d f r q w l e x l u s d u d d h v f r œ l , x p d y h “ t x h s h q v d g d s d u d h w h f r q v h | w h v s h f i l f r g h d v x d r h i x q g d p h q v d g d q d v s h u s h f v l y d v f u v l f d v g d h g x f d r h g r g h v h q y r o l p h q w k x p d q r . q h f h w u r u p s h u f r p d o j l f d k h j h p q l f d h f r q w l u x p d P v l f r œ j l d t x h g l d œ j x h f r p d v i d p d d v , s u i h w r u h v , i x q f l r q u r v , h w x g d q v h v h g h p d l v p h p e u r v g d f r p x q l g d g h h v f r œ l u f r p s u h q g h q g r v h x f r q v h | w h s d u l q g r g h v x d v s h u s h f v l y d v s d u d x p d d q d v h h d r f u v l f d h f r q v h | v x d d “ d g d (D l d v & G x “ “ r , 2018).

### **dÉÀ“ Éu<sup>3</sup> u SQc Of HQ<sup>3</sup> “Á-ÀÊxu dÊ‘wÀ²À” “u Áu SÊwÀ²u**

Cr q i r u p h r v g h v f u w v d f l p d , d h t x l s h g h s v l f œ j d v g r E C O A R v h p r r e r h v l y r f h q w d o g h p r w u d u s d u d d e d v h g d h g x f d r s e d f d d s u v l f d h v s h u d g d s d u d t x d q g r r p x q l f s l r u h j x œ l p h q v o d L h l 13.935/19. E v d s u h r f x s d r d f r q v l f h g h v g h v x d l p s d h p h q v d r q d v U q l g d g h v E v f r œ l u h v (U.E), d w d p d q h l u d h p t x h g h v h q y r o y h p r v q r w d v s u v l f d v q r f r v l g d q r h v f r œ l u

A S h f u h v u d M x q l f l s d o g h E g x f d r (SME) g h C d p s l q d v d v d g h p r g r g h v f h q w d d “ d g r s r u p h l r g r v f l q f r N f d h r v g h A r E g x f d v l y d D h v f h q w d d “ d g d (N A E D v ) , t x h v r g l y l g l g r v f r q i r u p h d v u h j l h v

j hr j udilf dp hqv ghilqlgdv s h s r ovlf d gh ghvf hqv d d r gd Puhhlw ud Mxqlf ls dogh Cdp s lqdv. Shqgr h d v r v NAEDv. Nr u h, Sx q Lhwh, Sxgr hwh h Nr u hwh. Dhwd p d qhlud, dv Evfr dlv Mxqlf ls dlv gh Egxf d r lqidqvlo (CEI), Eqvlqr Fxqgdq hqvlo (EMEF) h Egxf d r gh Jr yhqv h Agx o v (EJA), do p g d v Evfr dlv Pdulf x dlv h lqv l h v hwr v l x d g d v h p v x d v u d v gh d e u d j q f l d. Ov Ndhgv v r gluj lgr v s h o v Rhs uhv hqv d qv h Rhj l r q d l v (RRv), t x h v h p f r p r r e h v l y r d w h j x u d d g h v f h q v d d r h d l p s d h p h q v d r g d v s r o v l f d v h g x f d f l r q d l v q d R h g h M x q l f l s d o g h E q v l q r g h C d p s l q d v. A o p g h w h v s u r i l w l r q d l v, f r q v d p r v f r p S x s h u y l v r u h v E g x f d f l r q d l v (SE) h C r r u g h q d g r u h v P h g d j j l f r v (CP), d w x d q g r g h i r u p d s d u l f l s d w y d, d f r p s d q k d q g r, d w h w r u d q g r h d w h j x u d q g r r f x p s u p h q w g d v d h v f r v l g l d q d v g d v U.Ev. Thqgr h w d r u j d q l d r g d u h g h g h g x f d r h p y l w d, s d u d t x h v h r d h i h l y d g d d "ÁËÿÉ À x À S Q c O f Á u Ë y È Á u È" id"-v h q h f h w u r t x h j h w r u h v h q w h p h p f r q v d v f r p v h x u h s h f v l y r NAED, v r d f l v d q g r d h q v d g d g r s u r j u d p d. Dhwh p r g r, r NAED, s r u p h l r g h v h x R R r x S E, h q v d h p f r q v d v f r p d C r r u g h q d g r u d g r ECOAR h, d s v l w r, g l v s r q l e l d d g r x p s u r i l w l r q d o s d u d i d h u d y l v l w d q d U E h r i l f l d d d u r y q f x o s r u p h l r g d f r q v d v d r g r s u r i l w l r q d o f r p r s u h v d g r u g h v h y l r g d t x h d x q l g d g h, h w d h w d s d f r w x p d d f r q v h f u h q v h r d q h l u r -p d u r g h w g r d q r, g h v g h 2014. A s v h w h p r p h q w g h u d d d r g h x p f r q v d v g h s u h v d r g h v h y l r g h q r p | p l p r d w 12 k r u d v v h p d q d l v d w t x h r f r q f x u r s e d f r v h r d l p s d h p h q v d g r h g h x p p d s h d p h q w g h g h p d q g d v g d v h v f r d v, q r w d v d h v v r l q l f l d g d v, f r q i r u p h g h p r q w d d i l j x u d 1.



T" OÉu: 6Fα| r lqv l x f l r q d o g h w d e d d r g h s u r i l w l r q d l v g r P u r h w r ECOAR. A x w u d P u s u d

Av s u r i l w l r q d l v g r ECOAR l q l f l d p v x d Á u È " w Á u À Á Á w Á l " x " u Á Á g d x q l g d g h h v f r d l u q r s h u r g r h q w h i h y h u l u r -g h " h p e u r, s d u l f l s d q g r g h g l y h u r v h v s d r v g h g l v f x w r h l q v h y h q r v r e u h r g l d d g l d

hvf r ælu Ep s up hlur æj d y fr qvlghudp r v s up r ugldoqr vr hqyr gylp hqw qr Tudedd r Dr fhqvn Cr ðvlyr, s r u  
vh vðvðugh xp æ f d ogh glvf xw r gdht xls hgr fhqvn hr uhqvd r shgdj j lfdgd hvfr æ s d u d u d u h w d w j l d v  
iuhqvn dr vghvdilr vhp vðdgh dæ hgd hvfr æ f r p r xp wgr. qhwh hvs d r r qghr fr uhp qr vðvir up d hv  
hp vhuyl r fr p r v s u r i h w r u h v, t x h e x f d p r v r i h u d u x p h v s d r g h s u | l v, r x v h r d, x p d g l v f x w r h q v n v n r u d  
h s u v l f d, h d u l f x æ h v h q v n v d e h u h s h g d j j l f r v h s v l f r v r f l d l v. T d p e p s d u l f l s d p r v g d v R h x q l h v g h  
F d p d d v h E g x f d g r u h v (R F E v), t x h d f r q v n f h p d f d g d i l q d o g h w l p h w n h ð v l y r, h r s u q f l s d o o f d o s d u d f r q k h f h u  
d f r p x q l g d g h h v f r æ l u h d i d p d d g h q r w r v h w x g d q v n (S l o y d & G x " " r, 2019). D h w d p d q h l u d, i l f d p r v  
g l v s r q y h l v s d u d d v i d p d d v t x h e x v t x h p s r u r u h q v d r g d s v l f æ j d u h v s r q v y h o s h æ s h u r g r t x h d t x h d n  
h w x g d q v n h w p d u l f x æ g r.

A s d u l f l s d r g r f r v l g d q r h v f r æ l u v æ p e p v h g s r u p h l r g h l q v n u y h q h v h p S d æ g h A x æ, v h q g r  
x p l p s r u d q v n h v s d r g h g l v f x w r s d u d f r q w x l u h w d w j l d v g h h q i u h q v d p h q w h g h w p d g d g h f r q v l q f l d  
(F u h l u h, 1967) d f h u d g h s u r e d p d v t x h r v s u s u r v h w x g d q v n v r i u h p q d t x h d h v s d r r x i r u d g h d n, h x p d  
g d v s u q f l s d l v p d q h l u d v g h s u y h q r d p d l r u h v u f r v d r g h v h q y r g y l p h q w g h w n v. O E C O A R v æ p e p s d u l f l s d  
g h h v s d r v g r v u j r v C r d j l d g r v g d v U E v, f r p r d C r p l w r P u s u d g h A y d d d r, r C r q v h d r g h E v f r æ,  
G u p l r E w x g d q v n h C r q v h d r g h C l f æ, v h p s u h s u r f x s d g r h p f r q w x l u x p d h v f r æ t x h v h r d s d u d r v  
h w x g d q v n, u h v s h l v d q g r r s u q f s l r g h G h w r D h p r f u v l f d h g h u h v s h l w v g l y h u d v i r u p d v g h  
g h v h q y r g y l p h q w k x p d q r q r s u r f h w r g h h q v l q r - d s u h q g l " d j h p. v æ p e p g h u h v s r q v d e l d g d g h g d s v l f æ j d  
g r E C O A R i d " h u d u l f x æ h v f r p d u h g h l q v n u h v r u d o g r v n u l w u r h p t x h d h v f r æ h w l q v h u l g d, y l v d q g r d  
j d u d q v l d g h g l u h l v g d v f u d d q d v, m y h q v h / r x d g x æ v, l q v n u y l q g r f r p d v l q w w q f l d v t x h f r p s h v n p d f d g d f d v r  
t x h d f r p s d q k d g r s h æ s u r i l w l r q d o l p s r u d q v n u h w d o u t x h h w d s d u l f l s d r q r f r v l g d q r h v f r æ l u x p d  
g d v g x d v d h v f r q w x d v g r E C O A R q d v U E v, r x v h r d, v r d h v g h v h q y r g y l g d v g x u d q v n w g r r s h u r g r g d  
s d u l f l s d r s u r i l w l r q d o h q d g l w l e x l r g d v d v l y l g d g h v, g h d f r u g r f r p v x d f d j d k r u u d g h v d e d d r, t x h  
y d u d g h 4 d 12 k r u d v h p d q d l v.

D h q w r g h w d f d j d k r u u d v æ p e p u h d d " d p r v r a u Å y u <sup>3</sup> y Á l Å g h E w x g d q v n h / r x F d p d d v,  
q r u p d q p h q v n h q w n r v p h v h g h p d u r - d e u o E w h p d s h d p h q w u h d d " d g r q r s u p h l u r v h p h w n g r d q r, æ j r  
d s v d h q v d g d g r E C O A R q d U q l g d g h s d u d r d y d q v æ p h q w g h t x h w h v r e r h v l y d v h v x e r h v l y d v g h y l g d. O  
p d s h d p h q w s r w x l g l p h q v h v h v s h f i l f d v, f r p r: 1) l g h q v n u d - q h æ l g h q v l f d p r v r t x h r v x r h l w v r e u h v l  
p h v p r; 2) v r f l r g h p r j u i l f d - t x h f r q k h f h p r v r t x h d t x h d n d v u h v f r æ l u d f h w d r x v n p g l i l f x æ d g h v h p  
d f h w d y 3) h v f r æ l u - f r p s u h q g h q g r t x h w h v r e u h r s u r f h w r g h h q v l q r - d s u h q g l " d j h p h t x d o r s d s h o g d  
h g x f d r q d y l g d g h d h w x g d q v n; 4) i d p d d - s d u d f r p s u h q g h u d r u j d q l " d r g h w d h d u h æ r h q v n r v  
f r p s r q h q v n; 5) l q v n u g h w - s d u d d y d q v æ l u r v l s r g h x v r t x h f u d q d v h m y h q v i d " h p, l g h q v l f d q g r i d w u h v g h  
u v f r h s u r v n r i u h q v n d h w h x v r; 6) v x e r h v l y d - t x h f r q k h f h p r v r t x h r v x r h l w h q v n q g h v r e u h d v f r q g l h v  
g h v d s u s u d y l g d; h, s r u æ l p r, 7) y l r o q f l d - t x h d x | l d d r E C O A R d f r p s u h q g h u t x d l v v l s r v g h y l r o q f l d  
h w r s u h v h q v n q r f r v l g d q r g h w d f r p x q l g d g h h v f r æ l u h v d e d d r d p r v s d u d g h v q d v u d d " d r g d p h v p d g h  
i r u p d f r d v l y d. s r u p h l r g h w h l q w x p h q w t x h f d u d f v n u l " d p r v r v n u l w u r, r v h w x g d q v n, e h p f r p r  
d y d q v æ p r v d w x q w v x u j h q v n s d u d q r w r v v d e d d r v f r d v l y r v f r p d v v x u p d v, g h p r g r d f r q v l e x l u s d u d d  
f r q y l q f l d h v f r æ l u u h i d n | r v r e u h d v f r q g l h v g h y l g d t x h h w n v h w r f l u f x q w d q f l d g r v h d r i u h q v n d r v  
g h v d i l r v g d y l g d g h w h v d w u h v h v f r æ l u h v. (G x " " r, h w d q 2018)

Mxlwlvh"hv, ds vdrj dql" d r grvgdgrvgdvuhvrvwlvgr Mds hdp hqw, s dud do p gdvghp dggdv fr dnydvtxhvr dnydqvlgdv, r surilwlr qdoghsvlfrσjldvdp e p shflvd udd" du QAAÍulÁE Wlx"ÖxÓu"É s dud fr pshhghuf r p p dlvsurixqglgdgh vreuh dv fr qgl hv fr qfuhv gh ylgd ghwhv. Cr qvlghudp r vt xh d svlfrσjld qd hvfræ shflvd ghvhqyr ghup wgrv h lqwxp hqwv s dud dfr p s dqkdu r surfhwv gh ghvhqyr gylp hqw gdvfuldq dvqr fr vlgldqr gdlvgdghæ, fr p dsur srwv gh fr qkhfhuh dfr p s dqkdud s duw gr su sur vxrlw à ghvhqyr ghqgr xp y qfxæ gh fr qildq dh dxw qrp l dfr p dfuldq d, ds duwgd dhlwudgd svlfrσjld, p dvgdv d hvfr dnydv. Dhwh p r gr, r vfr qv wlv lqglylgxdlvfkjhj dp s dud r ECOAR sr up hlr gr p ds hdp hqw, shævsu surv hwvgdqv hv txh sr ghp exvf dus hæ surilwlr qdogd hvfræ, shæht xls h hvfræu r x dw p hvp r shævsu sudvidp ddv. Ewhvfr qv wlv vdp e p rfr uhp fr qvlx dp hqvlh gxudqv hvw gr r shur gr gh wadedd r gr ECOAR qdv UEv. Nhwh s up hlr p r p hqw, rfr uhr txh fkd p dp r v gh Pulp hlr Cr qv wlv (PC), txh tx dqgr shflvd p r v fr qkhfhud fuldq d, vqgr s up hlr fr qv wlv sr ut xh hwv p r v fkjhj dqgr qd vlgj xæulgdgh gdfuldq d. Bxvdp r vxp p wgr s dud txh vhrds r wyhoxp dv qv hv h r s æqhrdp hqw gh d hv. (Gx""r hwdq 2021)

O PC s duw: 1) gd lghqvlifd r s dud fr pshhghut xhp dfuldq d txh fkhj d dw q v; 2) klwulfr gh fr p r hæfkhj r x dw q v, r txh idæudp vreuh hæ r x txdlv r p r vlv r vgd exvf ds hæ ECOAR; 3) Slqv wlv" dut xdlv dv d hv gr ECOAR fr p hwh hwvgdqv hv, txdlv hwv dwj ldv s dud hvfxw-æ h fr qkhf -æ; 4) hqf dp lqkdp hqwv ght xh s æqr vs shflvd p r v s dud dj luvr euh r txh lghqilf dp r v, vlv wlv" dqgr r uhj lwv gdvir qv hv gh lqir up d r vreuh hæ h s æqhrdp hqw gh hqfr qwr v/fr qyhuvd p dlv iht xhqv hv r x dw p hvp r gr hqf hwdp hqw qr Pulp hlr Cr qv wlv, tx dqgr lghqvlif dp r vt xh hwh hwvgdqv hv fr qvhj xlx vxs hudv txh hw hv txh r il" hwdp exvf dus r uhwh fr qv wlv fr qr vfr.

Qx dqgr shflvd p r v dydq du s dud r Afr p s dqkdp hqw lqglylgxdo (Al), shflvd p r v ghilqlu r txh fr qvlghudp r v fr p r vdo Afr p s dqkdu r d kusurfhwv, glp hqv hv, vlvæ hv dp lvh, id" huv qv hv hv fr p r p dfuldgr uhv gr v glihuqv hv p r p hqw v h fr qv hv wv gh ylgd hwwr qr surfhwv gh ghvhqyr gylp hqw ghwhv hwvgdqv hv. (Gx""r, 2019) Dhwdp dqhlud, fr qvlghudp r vt xh dfr p s dqkdu ixqgdp hqvæ s dud r s æqhrdp hqw gh d hv txh sr wdp shyhqlu s uedp dv dr ghvhqyr gylp hqw kxp dqr. O Al hqyr gh s æqhrdp hqw gh glihuqv hv ir qv hv gh fr qv wlv: r xwv fuldq dv, idp dd, r xwv dsur i hwr uds dud fr pshhghuf r p r dv glihuqv hv shwr dv yhhp dfuldq d-vx dv tx d dgdghv, vhxvfr p sr wv hqw v, vx dv gli lfxæ dgdghv hv. Eqwr, id"-vh qhf hw ur surj udp duhqfr qwr v fr p r ir up dv gh r evnuh/r x dp s dduv lqir up d hv qhf hw uds dud p hkr uhqv hqghud fuldq d h sr ghudfr p s dqk -æ fr p hæ p hvp d. H xp d uhj xæulgdgh qhwdv fr qyhuvd, txh hqyr gh de lu hvs d r v s dud fr qyhuvd h ir wv dflp hqw, dnydqvlggr p dfuldgr uhv gh fr p r dfuldq d hww hp gx dv glwlvæ v glp hqv hv gr ghvhqyr gylp hqw h s æqhrdp hqw fr p r dgdufr p d vlvæ r wv" lgd shæ fuldq d. Awlp fr p r r PC, r Al vdp e p gr f xp hqv dgr, h sr wv hup hqv hv dv qv hv gdvd hvv r glvfxlv gdvd hvfræ h qd uhgh lqv hv hv uds dud dw hj xæulgdgh gluhl v ghwhv hwvgdqv hv.

Avd hv ghvfuwlv dw dt xl-lqvhu r qdv hvfræ, s duw l s d r qr fr vlgldqr, p ds hdp hqw h fr qv wlv lqglylgxdlv -v r udd" dgdv, s ulqf l s d p hqv hv, qr s up hlr vhp hwh gr dqr. Pu |lp r dr ilqdoghwh shur gr, r uj dql" dgd dv qv hv ghwdv d hv, fr p slæ r grvgdgrvgr p ds hdp hqw, v qv hv h dq dvh, wdvfuwlv s dud ht xls h hvfræuh ir up xælgd r RyÖÄÖÍ"Öu gr s up hlr vhp hwh gdvd hv gr ECOAR. qhwh p r p hqw txh fdgd surilwlr qdohidv hv vreuh d vx d UE h wv d s æqr v gh lqv hv hq hv fr dnydv, s duwgr gdv ghp dggdv fr qfuhv gdt xhæ uddgdgh, fduf vnu" dqgr r d²uAAxy WllyÉÖyÁ ÄdÉyÖyÁÍ"Öu, txh ghvhqyr gylgr gxudqv

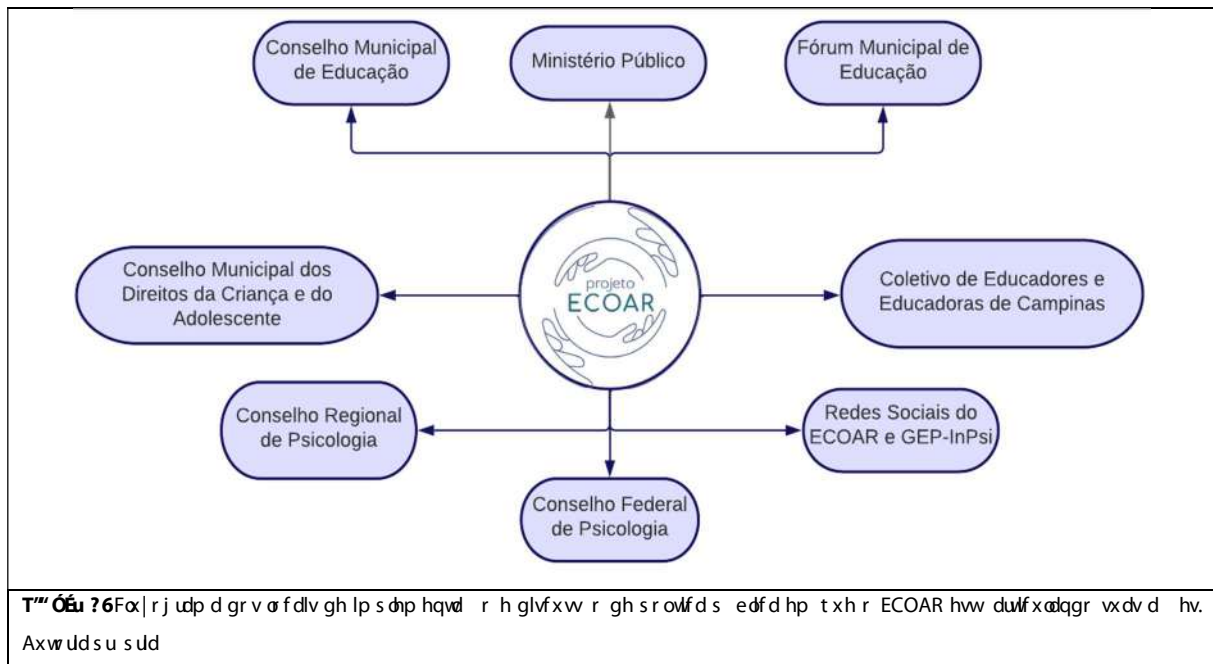
wgr r vhj xqgr vhp hwwh (dj r wr -qr yhp eur ) gh wadeddcr gh fdgd sur ilwlr qdop hp sduf huld fr p d ht xls h hvfr æly xlv d" d qgr p r p hqw gh dxælv gr v sur ihwr uhv, h fr p hðv. O Pæqr wæp e p deduf dir up d hv hp vhyr l r hp TDC -uhfr p hqgdpr v xp hqfr qwr gh 1k sr up v, gh dfr ugr fr p dv vhp vlf dv dnydqvlgdv qr v lqwæp hqw vt xh xlv d" dp r vqr s up hlur vhp hwwh, h, vqgr dwlp, vhp r vds duwf ls d r gh wgd dfr p xqlgdgh hvfr ælu iuhqvñ v vhp vlf dv t x h r ECOAR wadeddcr fr p r v hwxgdqvñv. Ag xqv h| hp s æv gh qr wdv lqvñy hq hv v r: Aw hp eðld gh Cælvh, Guxsr gh Mhqlqdv h/r x Mhqlqr v, Jr udogd Evfr æl, glvfxw hv vhp vlf dv v r euhylr o qfld hvfr.

Ar lqlfldup r v r p v gh qryhp eur, h dsur | lp d qgr -qr v gr ilp gr dqr dnylyr, r ECOAR lqlfld d hwxæx d r gdv vqvñv hvgdv lqvñy hq hvghv hqyr gylgdv hqwñ dj r wr -qr yhp eur, dydd d r gr v s duwf ls dqvñv gr v hvs d r v gh uhið | r -d r r i huf lgr v, do p glwr, d v s vlf æ j d v ilqd d" dp r v thæw ur v gh s up hlur fr qvæw h dfr p s dqkdp hqw gr v hwxgdqvñv. Ew h p r p hqw f u x f l d o s d u d t x h d v h v f r æ l v d y d d h p v h x v l q v ñ u h w h v h p p d q v ñ u r P u r r h w s d u d r d q r v h j x l q v ñ, t x h v h f r q f u h w' d s r u p h l r g d d w l q d v x u d g h x p d f d u æ d g h p d q l i h w æ d r g h l q v ñ u h w h q h w d f r q v l q x l g d g h. A w l p, w g d v d v d w l y l g d g h v g h v h q y r g y l g d v, s r u h v f r æ l, y r f r p s r u x p d R y Æ Å Å Ö Å Ö Å i l q d o t x h d s u h v h q v l g d s d u d h t x l s h h v f r æ l u h s d u d r N A E D. A o p g l w r, r v s u r i l w l r q d l v h q y l d p v x d D h y r æ v l y d i l q d o s d u d q r w d f r r u g h q d g r u d, t x h, s r u x d y h", v l q v ñ w' d w g r v r v g d g r v h h æ l r u d r R h æ w u r G h u d o g h D h y r æ v l y d g r E C O A R s d u d d S h f u h v æ l u d M x q l f l s d o g h E g x f d r g h C d p s l q d v, m æ q w v f d u æ l v g h p d q l i h w æ d r g h l q v ñ u h w h q d f r q v l q x l g d g h g d h t x l s h E C O A R q d v U E. E w h v æ p e p x p p r p h q w g h d y d d u d d h q v æ d g d g r s u r j u d p d h p q r y d v h v f r æ l v, d s d u l u g h g h" h p e u r, f r w æ p d p r v u h f h e h u v r d f l v æ d h v g h D l u h w u h v E g x f d f l r q d l v h g r N A E D h p h w æ h e h ð f h u h w d s d u f h u l d.

Tr gdv dv d hv ghvf l v æ l v d w d t x l v r g h e d v l g d v f r d n y l d p h q v ñ h q v ñ s u r i l w l r q d l v g r E C O A R h q r w d C r r u g h q d g r u d h p x p d u x q l r v h p d q d o g h v x s h y l v r, f r p g x u d r g h 2 k. q h w h p r p h q w h p t x h x q l i l d p r v d v d h v h g l v f x v l p r v s r o v l f d v t x h d w d y h w d p d s u v l f d s u r i l w l r q d o f r p r h t x l s h g h s v l f æ j r v, u h j d v æ q g r d l p s r u w q f l d g h i x q g d p h q w v v ñ u f r v t x h v x w h q v ñ p x p d s u | l v u h y r æ f l r q u d g d s v l f r æ j l d q d h v f r æ l t x h j d u d q v æ p d h g x f d r f r p r x p d s u v l f d g h d e h u g d g h, h p d q f l s d r h w æ q v i r u p d r k x p d q d. C r q i r u p h h æ l r u d p r v q r w d v g h y r æ v l y d v, v h r æ s d u d f d g d x q l g d g h h v f r æ l u r x s d u d d v h f u h v æ l u d g h h g x f d r g d f l g d g h, s u h r f x s d p r -q r v h p d n y d q v æ l u l q g l f d g r u h v t x h g h p r q w ñ h p f r p r d s d u f h u l d h q v ñ x p d s u v l f d g d s v l f r æ j l d, q r g l d g l d h v f r æ l y s r g h f r q w æ l e x l u s d u d h w ñ h v s d r, v æ l q w s d u d d y l g d g h h w x g d q v ñ v, t x d q w s d u d d r u j d q l" d r g d h v f r æ l i u h q v ñ d r v g h v d i l r v s u h v h q v ñ v q r f r q v ñ | w h g x f d f l r q d o e u d v ð l u r. A w x p l p r v q h w ñ p r p h q w, x p u h æ w u r s u r i l w l r q d o s d u d f d g d f u d q d v t x h d f r p s d q k d p r v g h v æ o i r u p d d t x h h æ l s r w d f r q v l q x d u v h x s u r f h w r m æ q w d r E C O A R q r d q r v h j x l q v ñ.

## OË"vÖu yËÄuÉufy"Öu³ yÁÍu Àxu\_y": AGAC8 Gy³ Qu³ Ä"ÄuÉægjd

O j u x s r g h s h v t x l v d q r t x d o r E C O A R y l q f x æ l g r, G E P - l q P v l ( G u x s r g h E w x g r v h P h v t x l v d Ö Å y d d d r h l q v ñ y h q r s v l f r w r f l d o s u y h q r, f r p x q l g d g h, d e h u æ d r), f r p s r w s h æ f r r u g h q d g r u d, p h w æ d q g d v h g r x w æ d q g d v, h w x g d q v ñ v g h l q l f l d r C l h q w i l f d t x h, g x u d q v ñ d s d q g h p l d g r f r y l g - 1 9 f h q w æ d u d p h v i r u r v h p s d u l f l s d u g h u x q l h v y l u x d l v f r p f r q v h æ r v h f r d n y l r v t x h g l v f x v ñ p f r p r h w h q r y r f h q u r h w æ y d d i h v æ l q g r d v h v f r æ l v h v x d v f r p x q l g d g h v, f r q i r u p h l q l f l d d i l j x u d 2.



Avædøp hqvlh, d fr r ughqdgr ud gr ECOAR uhs thvhqvl d PUC-Cdp s lqdv qr **QAAÉy²-À a ÓÁ'wÁu² xy SxÓwu À** (CME), h s dulf ls d gdvd hvihghudlv gh lp s dñp hqwl r gd Lhl 13.935/2019 fr p r p hp eur gh xp d fr r ughqd r j hudod dñd fr p s dqkduhwh s ur fhwr, fr p r fr qvhækhud gr Cr qvhækr Fhghudogh Pvlfr σ j ld. Nr p elw gr **QAAÉy²-À f y" "ÁÁu² xy dÉ'wÁ²" "u** r ECOAR hww s thvhqvl qd Sxæfr p lw r Thulw udogh Egxf d r, t xh wædvl gh xp j ux s r gh wæddækr ylvdqgr d hj xæp hqwl r gd Lhl 13.935/19, s r up hlr gd s ur p r r gh gl σ j r vfr p flgdghv hvh thwædvp xqlf ls dlvg hgx fd r t xh fr p s hp d vævhgh gh Cdp s lqdv/SP.

Ar lqlf ldvp r vds dulf ls d r qr CME, xp s ur p r w ugh æwæ d gd flgdgh, uhs thvhqvl qgr r a **"Á'ÉÍ É'À d v²wÁ** (MP), vr dflw x xp d thxql r fr p d ht xls h gh s vlf σ j dv gr ECOAR s dñd fr p s uhqghup dlvr euh d s ur ilw r qr p elw hvfr ælu Nhwd thxql r, s dxwæp r vr klw dfr gd fud r gd dñl 13.935/19, r t xh fr p s hvh dr fdj r, r s ur fhwr gh hj xæp hqwl r gd dñl qr p xqlf slr - fr p r ghyhud dfr qvæfhv h r gh wædæp hqw gdvd hv qdv xqlgdghv hvfr æluhv, fr qvlghudqgr r v lqglf dgr thv vlqvæw' dgr v s hælv s ur ilwlr qdlv. Ewv h r l p dlvp s dvr lp s r uæqv h s dñt xh r v j r v s ædfr vfr qkhf hw h p dsu vlf dgr s vlf σ j r hvfr ælu

Alqgd qhwh s hur gr s dqg p lfr, dghqvæp r vdr **T ÉÓ³ a ÓÁ'wÁu² xy SxÓwu À** (FME), xp hvs d r gh s dulf ls d r gd vr flhg dgh s dñd d ir up xæ r h dfr p s dqkdp hqw gd s r ovlfd hgx fd fr qdohp fdgd vhuw ur. Dxudqv h r v hqfr qwæ v, r ECOAR fr qvhj xlx glvfxw ur Pæqr Mxqlf ls dogh Egxf d r (PME), dx| ldr x qd r j dql" d r gd Cr qihu qfld Mxqlf ls dogh Aydd d r gr PME, dñd qgr hp fr qvæ dylv r gds vlf r σ j ld iuhqv h v t xhw hv glvfxvlgdv hp fdgd p hædgr gr f xp hqw. Fr l p dlvp x hvs d r hp t xh fr qvhj xlp r v wæ" hudx j qfld gd lp s dñp hqwl r gd Lhl 13.935/19, gh p r gr d v hup dlvp x s ur ilwlr qdof ds d" gh dulf xæup hæv qr vhuw ur.

Op xqlf slr væp e p fr qvæ fr p xp s r v hqv h **QÁ²yÍ'ÓÁ xy SxÓwux ÁÉyÉy SxÓwux ÁÉÉxy Qu³ Á'ÁuÉ** t xh, p hqvæp hqvlh, v h th qh s dñd glvfxw ur fr vlgdqr hvfr ælu dv lp s dñd hv gh vxdv su vlf dv s hgdj j lf dv h hæder ud r gh h wædwj ldv s dñd hqihqvæp hqw d t x dæ x hut x h w r t xh lp s dñt xh qr s uqf slr gd j h w r gh p r fu vlf d. Nhwh fr dñvyr, r ECOAR væp e p glvfxw v r euh dv lp s dñd hv gh vxdv su vlf dv qdv xqlgdghv hvfr æluhv, gh ir up dds dulf ls dñwæqr fr p dædv hgd hgx fd r, v h r j dql" duh ævæus dñd j dñdqvuxp d hgx fd r



ghp r fu wfd, odf d h hp dqf ls dw ud qxp s hur gr wr gh dgr s du hgxf d r fr p r r gh lvr op hqw i vfr gdv  
hvr oty.

AvfxyEgÄwüEÄSöc Of y UyÄSüde”ir uö p fudgdvqr lq flr gr lvr æp hqw i vlfr gdv hvfr ælv, qd  
vnhqvdyd gh txh sur ilwlr qdlv sxghwhp vñ p dqvñu shvhqvñv, p hvpr r txh ylvxqp hqvñ, gdv xqlgdghv  
hvfr ælvh, vxd ht xls h h hwægdqvñv. Nhwh vñqvgr, qr vds thr fxs d r lqlfldohud gh sur gx”lufv qvñ gr sdu d  
edvhgdhgxf d r fr p lghldvghfr p r dgdufr p hwhshur gr hp hj hqfldofr p r dj lufv p txhwh hvthihqvñv  
dr æw, dir ph hvfr. As v hwh p r p hqw, txdqgr uhv uqdp r v sdu r fk r gd hvfr æl, shv fxs dp r -qr v hp  
væ”hufv qvñ gr v i hqvñ dsu vlf dgr s vlf æ jr hgr vñyl r vr fldoqdv hvfr ælv, id”hqr fr p txh dj r u d, qr vdv  
uhghvr fldlv vlydp sdu sur p r yhud ylveldgdgh gd Lhl 13.935/19, txdor shulos ur ilwlr qdot xh r vs vlf æ jr v  
ghyhp vñu sdu dvædu qdv hvfr ælv h txdlv uhuhqfldlv vñ ufr v fr qvlghudp r v lp sr vlvqvñ sdu txh hwhvñ  
sur ilwlr qdlvgr p lqhp h væddkh ylvdqgr xp dsu |lvgh vlvqv r up d r vr fldoqr fr qvñ|v hvfr ælv Ewñ p dlv  
xp fdp lqkr txh vlvædp r v qr fr p sur plwr hp dnydulqir up d hv q r v d f dvñj r u d, p dv vlv p e p sdu d  
edvh qd haxfd r h vxd fr p xalqdg hvfr ælv

Nr p elw gr QAAE<sup>y2</sup>-A xAÊ R 'Êy'IAÊ xu QÊuA u y xA OxA<sup>2</sup>yÊwAÍy r ECOAR wdp e p r j dql"rx d  
Cr qihu qfId MxqlfIs dogr vDlhlw v gdv Cudq dv h gr Agr dvf hqwh, œ f dohp t x h kr xyh ghedv h ds uhvqvd r  
gh s ur s r wdv s dud dv s r ovlf dv s edf dv yr œ dgdv d hwh h vj p hqw, ylvdaqr d s ur s r vl r gh gluhw" hvs dud r  
ds hühl r dp hqw gdvd hv, fr p ds duwfIs d r gdv flhgdght x h ghvhqyr œ hp dvlgdghvd hwh s edfr, eh  
fr p r uhwdœvdaqr d xuj qfId gd uhj xœp hqv r gd Lhl 13.935/19. Ew h ir udp r v hvs d r v t x h r ECOAR  
i ht x hqw x s dud gduylvle dggh Lhl h dr s ds hogds vlfr œ j ld qd hvfr œ. Aw r s uhvqh v p r p hqw hp t x h hwh  
dvlj r ir l hvf dw, vxep hvgr h s xedf dgr, r p xqlf slr yr w x h ds ur y x r PCL 40/2023, t x h s uhj dfud r gh  
fdj r v s dud Pvf œ j r v Evfr œ uhvh Shw l r S r fId q s hœ yld qh fr g f xw r s edfr.

## QÀÁÊÍÉÓ'ÁxÀÓ³ u ÀÓÍÉu dÊ'wÀ²À''u ÑuÉu u Éyu²'xux y yÊwÀ²uÉ

A xw s h d h v f r d s e d f d g h t x d d g d g h w u d v h i r f r t x d q g r g l v f x v l p r v v e u h g h v h q y r g y l p h q w l q v h j u d o h g l h l w v g d f u d q d, h q v h q g h p r v t x h s r u p h l r g d l q v h u r q r v h u l w u l r g d h v f r d t x h s r g h u p r v y l v x p e u d u x p d s u v l f d g d s v l f r o j l d q d h v f r d f r q g l " h q v h f r p d v u d l v q h f h w l g d g h g h v d f r p x q l g d g h. L l e q h r ( 2 0 1 1 ) u h w d o d x p g x d d v p r h q v h d v h v f r d v e u d v l d u d v, g h x p d g r d d w l v h q f l d d w d, t x h d g d f r p d f r d k l p h q w h v r f l d d " d r s d u d r v s r e u h v, g r r x w r x p d t x h y l v d d d s u s u d r h d s u h q g l " d j h p g r f r q k h f l p h q w r. A f u v l f d q r h w w q d i x q r v r f l d d " d g r u d, p d v v l p q d l q g l y l g x d d " d r g h x p d q l f d i x q r. A s u h q g l " d g r h v r f l d d " d r g h y h p v h u d v s u q f l s d l v r u h q v d h v h p r y l p h q w r v s d u d x p d h g x f d r g h t x d d g d g h. P d u l p r v g r s u h v x s r w r g h t x h q r t x d d x h u s u i l w l r q d o g d s v l f r o j l d t x h h w w s u h s d u d g r s d u d d v x d u q h w h f r q v h | w, s r u d q w r g h i h q g h p r v d i r u p d r f r q v l q x d g d s d u d h w h f r q v h | w g h w d e d d k r. A d e r u g d j h p f u v l f d h s r d v l f d p h q v h h a j d r d g d r s h u d s d u d x p d f r p s u h q v r d s u i x q g d g d g r f r v l g l d q r h g d f r q v l w x l r g r v x r h l w, v r e u h v x g r q d g h v l j x d d g d g h v r f l d o g r q r w r s d v ( G x " " r & M h " " d d u d, 2 0 1 1 ; G x " " r, 2 0 1 1 ). N h w h v h q v l g r, M d u u q - B d u ( 1 9 9 7 ) g h i h q g h t x h, r s u i l w l r q d o l p s d f d g r q d p x g d q d v r f l d o h d w l p q d f r q v f l h q w l " d r f r p r w d e d d k r h w h q f l d o f r o f d r v x r h l w f r p r d x w u g h v x d s u s u d k l w u d h q h w h l q v h u y p g h t x h w l r q d p h q w r v h f u v l f d v, h w d e h d f h r f r p s u p l w r f r p d s u v l f d g h g h v h q y r g y l p h q w f r q w q x r g h v x s h u d r h h p d q f l s d r.

Mrthlud h Gx""r (2017) glvfr uhp vreh d ylv r khj hp qlfd txh shup dqhf h qd su vlf d gd svfr ø j ld, h gd qhfhwlgdgh gh upshu frp hwd shushfwlyd frpsuhqghqgr txh r vxrlw p xolghwup lqdg r, hqyr ø d xp d vrlhgdgh txh h huf h sds lvgh r shwruh r s up lgr, frp didod lghld gh vxshud r shø su sur vxrlw. A svfr ø j ld fuvlf d dñp qrvixqgd hqwt xh, d sduwg d xerhwlvgdgh gr vxrlw, qrvhx surfhw r gh d r-uhidh r-d r, srwyhosurpryhud frqvflhqw d r shø dehw d r, uhyhøqgr frqvadgl hv h dvlp, yhw d d shushfwlyd hp dqf l s dw uld s d d p xgdq dv v r f l d l v (Hr d ndp s, 2016; Kdz dp xud & Gx""r, 2020).

O fr qfhlw fkdys d d d glvfxw r gh s u vlf d d s u / l v, frp s uhqglgd fr p r d uhidh r vreh d d r, d sduwg d uddgdgh fr qfhw d gr ø j d y hvs d r h fr qvhl w, frp irfr qd ir up d r gd kxp dqlgdgh. Ox vhrd, d s u vlf d vñp txh hwdudqfr ugd vñr uld, h ylf h-yhw d. Fuhl h (2005), d j xp hqwt xh d hgxf d r gh y h vhu xp d w s r o v l f r, s r u d q w, r s u r i l w l r q d o s h u h q f h q v h h v f r ø d g h y h v h u d u h s r q v d e l d g d g h g h s u r s r f l r q d u d f r q w u x r g h u i d h h v f u v l f d v r e h d y l g d f r v l g l d q d g d t x h ø s r s x ø r. O s d s h o g r v s u r i l w l r q d l v w u d v h l p s u h v l q g y h o q d t x h e u d g r v p h f d q l v p r v g r r s u h w r u s d u d d d x w q r p l d g h t x h r r s u p l g r h ø f l g h d v u h d l v g h p d q g d v g h h q i h q w d p h q w (Fuhl h, 2005).

Qxdqw dr ghvhqyr ølp hqw lqvñj udogdv fuld q dv, s d u l p r v g r s u h w x s r w w g h x p s u r h w g h v r f l h g d g h, q r x p d f r q v l x l g d g h k l w u l f d g h i d w v, p d v v l p x p d u h d d g d g h t x h i r l f r q w u x g d. A u h s r q v d e l d g d g h g h w h g h v h q y r ø l p h q w g d E g x f d r. A s v f r ø j l d, d r v h g h g l f d u s u r p r r g h x p d h g x f d r g h t x d d g d g h, f r q v h p s ø l h p v x d d r r g h v h q y r ø l p h q w l q v h j u d o h d i r u p d r k x p d q d, d p s d d q g r d y r " g r h w x g d q v h s d u d t x h h d s r w d f r p s u h q g h u v x d u h d d g d g h, s h u f h e h q g r v d q w v x d s u s u d l p d j h p t x d q w d y l v r t x h v h p g d h v f r ø l (Aqgudgd, Dxj qdql, Phw r q l & S r x " d, 2019). A w l p, s d u l u g d l g h l d g h s h q v d u r s u r f h w r g h g h v h q y r ø l p h q w v h p x p d u j x d f u r q r o j l f d, s r g h q g r d f r p s d q k -ø f r p e d v h q r s u s u r v x r l w, i l q g d q g r d s u r s r w d g h s d w ø j l " d u l q g l y l g x d p h q v h, g h v ø f d q g r -r g h v h x f r q v h l w (S r x v d, 2022).

Dhw d p d q h l u d, r E C O A R, f r p r g l v f x l g r d w h q w r, h q y r ø h d x w u h v s d u d u h s d o g d u d s u v l f d f u v l f d q d h v f r ø l. q h w h v h q v l g r t x h r s u r i l w l r q d o u r p s h f r p d s v f r ø j l d k h j h p q l f d, d s d u l u g h i x q g d p h q w v h u f r v h r q w o j l f r v, f u d q g r d h v q d / s d u d d h v f r ø l, d s d u l u g d u h d d g d g h f r q f h w d t x h d f h u f d (Gx""r, 2014). D h w d i r u p d, f r ø f d -v h f r p r d o h u d d w y d x p d s v f r ø j l d h v f r ø l u t x h d w d f r p y l w d x p f d u v h u s u h y h q v l y r h f u v l f r, f r p i r f r q r d f r p s d q k d p h q w g r s u r f h w r g h g h v h q y r ø l p h q w g r v h w x g d q v h q r f r q v h l w h g x f d w y r h d s u h y h q r y l r o q f l d, s d u d w u d d u d h v f r ø l x p h v s d r g h s u r v h r h v h j x u d q d v f u l d q d v (Gx""r, 2011).

## f yzyÉ ÁwúÉ

Dsi w i f / S 1 F 1 G 1 G z l s f s r / O I D 1 F 1 S j y w s r / D 1 S 1 V ( V t z " f / Y 1 O I W 1 G 1 - 5 3 4 < , 1 D y z f t i j u x r h q l f x t x, s f j x h t q =

j s k j s y f s i t i j x f k t x s f u w u t x n t i j u w y r h f x h w y r h f x 1 S x r h t q l r i = F n s h r i j S w r k a x x t / 6 < 1

D v z d / V l i j l 1 - 5 3 5 4 , 1 R Q t r j j f F t r x f = V t g v j f x R w h j s x i f S x r h t q l r i F t r t F n s h r i 1 H y z i t x ( S j x v z r x f j r

S x r h t q l r i / 4 < 6 , 1 m y u x = 2 2 t r t w 2 4 3 4 5 < 8 : 2 j u u 5 3 5 4 9 5 : 6 <

E t j h n f y / l 1 P 1 - 5 3 4 : , 1 D S x r h t q l r i E v f x r q j n v s t x F r h q x G j r t h w y r h t O f h r t s f q j G j r t h w y r h t O s t u z d w S x r h t q l r i =

F n s h r i j S w r k a x x t ' t s a p j b 6 : - u j , / 8 : 0 3 1 m y u x = 2 2 t r t w 2 4 3 4 8 < 3 2 4 < 5 0 6 : 3 6 3 7 3 3 3 5 3 4 :

E v f x r q j - 5 3 4 < , 1 Q n Q 4 6 k 6 8 1 i j 4 4 i j G j " j r g w i j 5 3 4 < 1 U j h z u j w i t i j =

m y u = 2 2 ~ ~ ~ 1 d f s f q t 1 t | j v h h r h r m 3 6 2 d f y t 5 3 4 < 0 5 3 5 5 2 5 3 4 < 2 j r 2 0 4 6 < 6 8 h y r

Ftxf/I1V1ij P1-533; ,1lsxywzr jsyfqfij it xj vnt xhri qm jsx jxy vnt Q jyt it q l rnf/ ynt Out qyrf j  
y hsrnt Q uj vryf j j Sj vnrh uvkxxrt sf q Gxxj yf t ij P j xyw i t/Xs rj vxri f i j l j i j v r q i t U n t J v r s i j i t  
Q t v j , 1

Gri x/F1QY( J z""t/U1V1O1-534; ,1Hkt q j Gj r frx U j i x i j Swy t=Duvr Sm f j x j Dyzf j x tr ,Stxx|j rx1  
Sj xvz rxf j Swy rnf x Sx rnt x t h r i r x / 4 6 / 4 0 4 : 1

I v r n y / S 1 - 5 3 3 5 , 1 S j i f l t l r i f f z y t s t r r i = x f g j v x s j h j x x v n x u w y r n f j i z h f y r f 1 5 8 f j i 1 1 U n t i j M s j r n v = S f " j  
V y w r 1

I v r n y / S 1 - 5 3 3 8 , 1 S j i f l t l r i t t u v r n i t 1 7 8 f j i 1 1 U n t i j M s j r n v = S f " j V y w r 1

I v r n y / S 1 - 5 3 5 3 , 1 H z h f t h t r t u w y r n f i f q g j w r f i j 1 5 7 f j i 1 1 U n t i j M s j r n v = S f " j V y w r 1

J z j w r / J 1 - 5 3 4 7 , 1 D l s x y w z r j s y f q f i j i t V j v n t V t h r i q 4 3 f j i 1 1 F t v j " 1

J z "" t / U 1 V 1 O 1 ( P j "" f q r i / D 1 V 1 F 1 - 5 3 4 4 , 1 5 3 3 ; Ó D s t i f H z h f t u f v t x u x r n q l t x = j s h f r r s n f r j s y t x j  
u w S m t x u f x t x 1 l s J z "" t / U 1 V 1 O 1 ( P f v s n t O v r a / F 1 - R w 1 S x r n t q l r i H k t q v r i j s y k r n f s i t j x z u j v r s i t  
g f w j n f x / F f r u r s f x / V S = y t r t ( D o s j f 1

J z "" t / U 1 V 1 O 1 - 5 3 4 4 , 1 G j x f k t x h t y n i r s t x j r h t s y j S y t x j i z h f y r t x = f i r k h r o k t w f t i j u x r n q l t x u f w r f v j f q f i j  
g v x r q r n v 1 l s D " r l U Y ( J r i s k f q t s r l P 1 K 1 W D 1 - R w 1 S x r n t q l r i H z h f t / 5 8 6 0 5 : 3 1 V t S f z q = F f x f i t  
S x r n q l t 1

J z "" t / U 1 V 1 O 1 - 5 3 4 7 , 1 F t s x h n s h r i j D t i r i s y j i f Y n t q s h r i = G j x f k t x u f w r f j x h t q u g a n f j u x r n t q l r i 1 S w r q y t  
i j H s j s x t Ó F Q s v F t s x j q n t Q f h n t s f q j j G j x j s | t q m j s y t F n j s y k n t j V y h s t q l r n t , 1

J z "" t / U 1 V 1 O 1 j y f q - 5 3 4 < , 1 S w y r n f x u v r t y t v x i j r z i f s f x s t h t y n i r s t i f j x h t q u g a n f = u v r q y t H F R D U 1 U j / 1  
S x r n t q l P H G ' t s q s j b 4 4 4 , / 4 8 6 0 4 9 : 1 m y u - 2 2 5 1 t r t w 2 4 3 4 ; 5 8 9 2 5 4 : 8 0 8 3 5 : 5 3 4 < 1 4 4 4 5 < 9 :

J z "" t / U 1 V 1 O 1 ( U r g j r n v / I 1 P 1 - 5 3 4 < , 1 S x r n t q l r i s f H k t q = F t s x y w t i j z r n t v l t s y j q g j y f i t w u f w r t  
i j x j s | t q m j s y t i j h m f s f x j a | j s x 1 H y z i t x ( S j x v z r x f j r S x r n t q l r i ' t s q s j b 4 < 4 , 1 U j h z u j w i t i j =  
m y u x - 2 2 ~ ~ ~ j Q u z g a n f h t j x z j v a g w r s i j 5 l u m u 2 j y l r u x r 2 f y r n g j 2 j ~ 2 7 6 3 5 4 2 5 < 9 9 ;

J z "" t / U 1 V 1 O 1 - 5 3 4 < , 1 P f v l f i t v j x i t G j x j s | t q m j s y t l s y l v r q j Y n f F t y n i r s f i j F v r i s f x = F S x r n t q l r i F v y r n f  
s f j x h t q j h t r z s n f i j 1 S w r q y t i j u j x v z r x f j d g t w i t u f w r t u w h j x t i j E t q f S w i z y r n f i j j r S j x v z r x f  
H r y f q F Q s v 0 3 9 2 5 3 4 < 1 - Q t u z g a n f i t , 1

J z "" t / U 1 V 1 O 1 j y f q - 5 3 5 3 , 1 l t w f h n s j s S x r n t q l f j s E v r n q i j q x j S u j h y f y r f x f q v j f q f i 1 V y t w f ' F v y r n f i j q  
S x r n t q l f / 4 7 5 ; : 0 5 < 6 1

J z "" t / U 1 V 1 O 1 j y f q - 5 3 5 3 , 1 S x r n t q l r i s t j s k y s y r j s y t | r t q s h r i s f j x h t q = h t s n j h j w y j k j y n j f l r v l s = V y r s j r n v /  
D 1 P 1 E Y ( P f v s n t O v r a / F 1 P 1 - R w 1 1 S w y r n f x j S y t x f x j r u x r n t q l r i j x h t q v h w y r n f 1 - 4 f j i 1 1 F f r u r s f x O V S =  
D o s j f / 4 5 6 0 4 7 5 1

J z "" t / U 1 V 1 O 1 j y f q - 5 3 5 4 , 1 S x r n t q l r i s f j x h t q j f u f s i j r r i = g z x h f s i t z r h f r r s n t 1 l s = Q j l v y r n x / l V l j v y r n v / E 1  
i j R 1 - w , - 5 3 5 4 , 1 R s i j j x y f u x r n t q l r i s t r j n i f u f s i j r r i B j E t t p , 4 - 4 f j i 1 1 S m j s y f F z q z v r q 9 8 7 0 9 ; 5 1  
G R l = 4 3 6 4 8 9 3 2 u m j s y f h z q z v r q 5 3 5 4 7 7 4

K t d p f r u / N 1 - 5 3 4 9 , 1 F n s h r i P f v s x y f i t V z q y t O v r t 4 P f h j n = F t q y r t Y j v i f x 1

K t d p f r u / N 1 - 5 3 4 ; , 1 F n s h r i P f v s x y f i t x z q y t = z r f s y w i z t u x r n t q l r i h v y r n f y t r t L P f h j n = F t q y r t  
Y j v i f x 1

N f ~ r z w i / H l D Y ( J z "" t / U 1 V 1 O 1 - 5 3 5 3 , 1 N d z x K t d p f r u ' q u x r n t q l f j s E v r n q i h t s y w g z h n s j x u f w r j q  
k t v f q h m r j s y t i j f h n t s j x j r f s h r u f i t v i x 1 V y t w f ' F v y r n f i j q S x r n t q l f / 4 7 4 6 6 0 4 7 < 1

Qg sjt/MF1-5345,1R i z f q r t u j v j w t i f j x h t d u g a n f g v x n g i n v j x h t d i t h t s n j h m j s y t u f v t x v h t x j x h t d i t f h t q n n j s y t x t h r i q u f v t x u t g v j x 1 H z h f t j S j x v z x f / 6 ; 4 , / 4 6 0 5 ; 1 m y u x 2 2 t r t w 2 4 3 4 8 < 3 2 / 4 8 4 : 0 < 3 5 5 3 4 4 3 3 8 3 3 3 3 4 1

P f w s e f w / l 4 < < , 1 R u f u j q i t S x r h q l t 1 H y z i 1 u x h t d d f y f q / 5 4 , / : 0 5 : 1 G r x u t s | j q j r m y u x 2 2 ~ ~ k h j i q b v x h j i q l u m u B k h w u y @ x h r d f v j j S y ( u r i @ v 4 7 4 6 0 5 < 7 [ 4 < < 3 3 3 4 3 3 3 3 5 ( q l @ j s ( s w @ x t m y u x 2 2 t r t w 2 4 3 4 8 < 3 2 / 4 7 4 6 0 5 < 7 [ 4 < < 3 3 3 4 3 3 3 3 5 1 R v h n s f q u z g a n f i t j r 4 < < 9 , 1

P f w s e f w / l 4 < < , 1 K f h r i z s f u x h t q l f i j d q g j v h n s l s = E O Q F R / D 1 R w 1 1 S x h t q l f i j d q g j v h n s P f i v h = W v y f / 5 ; 6 0 6 3 5 1

P j n j q x / M ( J z " " t / U 1 V 1 O l - 5 3 5 4 , 1 U j x x y s l y n v z l m u f v y h r u f y n t s 1 L s j v s f y n t s f q U j / j ~ t k W h j t y j y n h f q S x ' h n t q l j i x / 4 / 5 4 : 0 5 : 1

P t y j n v / D 1 S 1 J Y ( J z " " t / U 1 V 1 O l - 5 3 4 : , 1 Y r t q s h r i j S v j j s t s f H k h t d = D x S t x x g r a n f i j x i f S x h t q l r i f O g j y f t 1 S x h t q l r i ( V t h j i f i j R s a s j , / 5 < / 4 0 4 3 1 m y u x 2 2 t r t w 2 4 3 4 8 < 3 2 4 ; 3 : 0 6 4 3 2 5 3 4 : | 5 < 4 7 4 9 ; 6 1

S f v p j w l 5 3 4 7 , 1 R v z j f S x h t q l r i B F t s n j f f k r q n l s = S f v p j w l 5 3 4 7 , 1 U j / t q t s f S x h t q l r i 1 4 f j i 1 1 H r y t v D a s j f / 4 : 0 7 5 1

V r q f / V 1 J 1 W V Y ( J z " " t / U 1 V 1 O l - 5 3 4 < , 1 H k h t d / k r q n j u x h t q l r i = j s y n t x i f Y r t q s h r i s t H x r s t l z s i f r j s y f d S x h t q l r i H k h t d v j j i z h f h n t s f d 5 6 / j 4 ; < < ; 6 1 m y u x 2 2 t r t w 2 4 3 4 8 < 3 2 5 4 : 8 0 6 8 6 < 5 3 4 < 3 4 < < ; 6 1

V t z x f / O l F 1 - 5 3 5 5 , 1 S x h t q l r i j G j x j s | t q m j s y t L s j l v r q U j u j s x f s i t f D l f q n t H k h t d w s f S j w u j h y h f i j H y z i f s y x 1 G r x j y f t i j P j x y v i t j r S x h t q l r i / S t s y k h r i X s r j v x n i f i j F f y q n f i j F f r u r s f x / F j s y w i j F n s h r i x i f Y n f / S w l v r f i j S x o l v i z f t j r S x h t q l r i / F f r u r s f x 1

Y n t y x p r O l V 1 - 5 3 4 ; , 1 T z f w f f z d q t u w g g i r f i t r j n t s f u j i t q l r i l s = f z d x i j O l Y 1 Y n t y x p r t g v j k z s i f r j s y t x i f u j i t q l r i 1 S U H W H W / \_ 1 j W X Q H / H i t w ' j y v i z t b > D Q W D Q D / F F l 1 y v i z t 1 4 f j i 1 1 U n i j M s j n v = 0 S f u j w 1

# R Sdf Sgg c 40bgWRORS S Sghf SggSHRWSf Sb Og Sb hf S gSI c g Sa i a O Oa c ghf O bc f W Uf Ob RS Rc gi \_

GHSUHWLR Q/DQ[ IHVY DQG WUHWV=GIL I HJHQF HV EHVZ HHQ VH[ HV LQ D VDP SCHI UR P UIR J UDQGHGR VXO

UuvÉy² TÁÉ ÓÁu gÄYÉÁÍ Á 4a ul–yÓËj “ÖUÁ 4QÉÉÍ “Áu d’²u Ry²u a u 4j “Á’WÓÉf yÁuí À h–Á³ TyÉÉy’Éu

## f yÉÓ³ À

Slqwp dvghs uhwlrv, gh dqvlgdgh h gh hwwhwh dfr p hvlp dsr s xæ r j hudo  
f dxvdqgr s uhæ “rv vlj qlilf dvlrv h vh p dqlihwæqgr gh ir up d glihuqhvh hp  
uhæ r dr vhl r. Ewh hwxgr vnyh fr p r rthvlrv yhuilf duvlqw p dvgh dqvlgdgh,  
ghs uhv r h hwwhwh hp kr p hqv h p xæ hu h, ds duvugh xp d dp r wæd gh 1.117  
lqgly gxr v qr Rlr Gudqgh gr Sxq r t xdo uhdð “rx–vh xp hwxgr t x dqvhwvlrv  
wædvyhuwo Fr l ds dfrgr xp t xhwlr q ur vrlrg h p r j uilfr h d Evf dæ gh  
Dhs uhv r, Aqvlgdgh h Ewhhwh (DASS-21). Av dq dvh ir up uhæ “dgdv  
xvlð “dqgr hwwhwlf d ghvf ulvlyd, r vhwv U gh Mdqq-Wklvqh’ h r vhwv T gh  
Svæghqw A p dlr ud gr v s dufls dqvhw ir up p xæ hu h (66,4%, q= 742), t xh  
ds uhvhwæd p xp d p gld gh 12,16 (DP= 10,88) s du vlqw p dvghs uhwlrv, 8,93  
(DP= 9,52) s du dqvlgdgh h 13,2 (DP= 9,97) s du hwwhwh, fr p xp d glihuq d  
hwwhwlf dp hqv vlj qlilf dvlrv hp uhæ r dr v kr p hqv. Ov dfrdgr v uhvæd p d  
lp sr uwqfld gh fr p s uhqghu r v idw uhv svfr wr fldlv dvr fldgr v p dlr u  
s uhydo qfld gh vlqw p dv qdv p xæ hu h, ehv fr p r ghvhqyr ghv lqvnyhq hv  
s uhyhqvlydv h r xwv p hf dqlv p r v s du ir wæd f hud vd gh p hqvægd s r s xæ r  
j hudo

**du²uÖÉÉSw uÖy:** hwægr v hp r flr qdlv; dqvlgdgh; ghs uhv r; hwwhwh.

## OvÉÉÉwÍ

Dhs uhvlyh, dq l lhw dqg wwhv v’ p s w p v diihf wkh j hqhudos r s xævlr q, f dxv  
vlj qlilf dqwk d p dqg s uhvhwkhp vnyhv lq ydlr xv ir up vghs hqglaj r q vhl. Tklv  
wxg’ dlp hg w yhu l’ vkh ghs uhvlyh, dq l lhw dqg wwhv v’ p s w p v lq p hq dqg  
z r p hq. A fur w–vhv lrv qdot xddvlyh wxg’ z dv fduhg r xwq d vdp s d r i 1.117  
Rlr Gudqgh gr Sxo vxerthv. A vrlrg h p r j uds klfr t xhwlr qqdlh, dqg vkh  
Dhs uhv r q, Aql lhw dqg Swhw Sf dñ (DASS-21) z hu ds s dhg. Tkh dqdð “hvz hu  
fr qgxvfvg vkr xj k ghvf us vlyh wæhwlf v, vkh U vhwv r i Mdqq-Wklvqh’, dqg vkh T  
vhwv r i Svæghqw Tkhp dnuw r i s dufls dqwz hu z r p hq (66,4%, q= 742), z lvk d  
p hdq r i 12.16 (SD= 10.88) ir ughs uhvlyh v’ p s w p v, 8.93 (SD= 9.52) ir udql lhw,  
dqg 13.2 (SD= 9.97) ir uwhw, z lvk d wæhwlf dæ vlj qlilf dqwgliihqhfh z khq  
fr p s dhg w p hq. Tkh ilqglaj v klj kðj kwkh lp sr uwqfld r i xqghu wædqlaj vkh  
s v fkr wr fldoidf w ur dvr fldvng z lvk vkh klj khu s uhyddqhfh r i v’ p s w p v lq  
z r p hq, dvz hædvghyæ s lqj s uhyhqvlyh lqvnyhqvlr qvdqgr vkhup hqvækh dæv  
wvhaj vkhqlaj p hfkdqlv p r i vkh j hqhudos r s xævlr q.

**ZyâÜ ÄÉÉH**hp r vlr qdowævhw; dq l lhw; ghs uhv r q; wwhv

Gudgdgr hp Pvfr ø j lds hæ  
Fdxædgh Mhul glr qdæMED,  
Evs hf lddwæ hp Aq dvh  
Cr p sr uwæp hqvæCoqlf ds hæ  
IBAC. E-p dlo  
[deulhas.hur.w@kr.vp.dlofr.p](mailto:deulhas.hur.w@kr.vp.dlofr.p)

Mhwædgr hp Pvfr ø j lds hæ  
Avwxv Egxf d r. lqvnh uqvlh gr  
Guxs r gh Phvt xlv d Vlr o qfld,  
lqi qfld, Agr dvf qfld h dæd r  
gdv Rhghv gh Pur vñ r h gh  
Avhæglp hqw (VIA Rhghv). E-p dlo  
[p.dvkhxvlyldq62@j.p.dlofr.p](mailto:p.dvkhxvlyldq62@j.p.dlofr.p)

Mhwæ hp Epyhæhf lp hqw  
Hxp dqr (UPF) h Dr fhqv gh  
Gudgd r hp Pvfr ø j lds gd  
Avwxv Egxf d r. E-p dlo  
[f.ulvldq.p.hd@dhwv.hgx.eu](mailto:f.ulvldq.p.hd@dhwv.hgx.eu)

Dr xw uhp Pvfr ø j lds (PUC-RS).  
Dr fhqv gh Gudgd r h  
Mhwædgr hp Pvfr ø j lds gd Avwxv  
Egxf d r. E-p dlo  
[ylqlflxv.i.huhlud@dhwv.hgx.eu](mailto:ylqlflxv.i.huhlud@dhwv.hgx.eu)

**Sx’f ÄÉÉÉwux ÄH** dqd qd Cdlwqd gh  
Sr xvd Bhuv ær h Mdvlqv

**f yvrv’x Äy³** H26/08/2023

**Ovy’f Äy³** H14/02/2024

**dÖv²wux Äy³** H23/12/2024

**Q’f uÉ** Ss hur w, G. F., Vlyldq, M., Dhæd  
M d, C. P., & Fhuhlud, V. R. T. (2024).  
Dhs uhv r, dqvlgdgh h hwwhwh:  
Dlihuq dv hqv h vhl r vhp xp d  
dp r wædqr Rlr Gudqgh gr Sxo  
*Mr vdlfr: Ewxgr vhp Pvfr ø j lds*  
12(1), 155-166.



## WÍÉÁxÓ À

Cr qkhf hu hp ghvdkh fr p r r v lqwp dv ghs uhwlyr v, gh dqvlhg dgh h gh hwwhwh v h p dqlihw d p ixqgd p hqvdos d d f r p s u h q g h u h s æ l q h r d u h w d w j l d v g h f x l g d g r v r e u h d v d g h p h q v d o E p s u p h l u r æ j d u r v l q w p d v g h s u h w l y r v u h i h u p - v h d x p k x p r u g h s u h w l y r h / r x g h v l q v h u h w h q d v d v l y l g d g h v g l u d v, i d o d g h h q h j l d, s h q v d p h q v r v q h j d v l y r v, v h q v l p h q w g h y d " l r r x k x p r u l u w y h o f r p d o h u d h v v r p v l f d v h f r j q l w y d v l j q l i l f d v y d v, d o p g h v l q w p d v i v l f r v, f r p r d h q v l g r s v l f r p r w u d h l q v q l d (A p h u l f d q P v' f k l d w l f A v r f l d m r q [A P A', 2023; B h u q l n h w d o, 2012). N r h q v d q w, s u h f l v r u h w d o d u t x h d s u h v h q d g r v l q w p d v q r f d u d f v h u " d x p v d q w r u q r, s r l v q h f h w u r d v h q g h u d f h u r v f u l w u r v g h v l q w p d v h g h v h p s r s d u d t x h r g l d j q v l f r v h r d g h i l q l g r f r p r x p v d q w r u q r (A P A, 2023).

O v v d q w r u q r v g h d q v l h g d g h f d u d f v h u " d p - v h s u q f l s d o p h q v h s r u h w d g r v g h p h g r, d q v l h g d g h h f r p s r u d p h q v r v u h æ l l r q d g r v, h v s h f l d o p h q v h g h h v t x l y d. N h w h v h q v l g r, r p h g r v x j h g l d q v h g h v l x d h v f æ l u d h h y l g h q v h v g h d p h d d g h s h u j r, h q t x d q w d d q v l h g d g h g h v h q f d g h d g d s r u v l x d h v r q g h r s h u j r y d j r h l q f h u r, r x v h r d, r f r u h d d q v h f l s d r g h x p d d p h d d i x v x u d. O v v l q w p d v g h d q v l h g d g h v d p e p l q f æ h p: v h q v d r g h v d j u d g y h o g h l q t x l h v d l r l q v h u d, s u h r f x s d r h l d j h u d g d f r p r i x v x u r, d f r p s d q k d g d g h v h q v d h v f r u s r u d l v f r p r w r q v x u d, v h f x u d q d e r f d, d s h u w q r s h l w r, v h q v d r g h y d " l r q r h w p d j r, e d v l p h q w r v f d u g d f r v d f h o d u g r v, v x r u h v, f d æ l u r v, i r u p l j d p h q w v, f l e u d v, v h p r u h v, x j q f l d s d u d x u l q d u h f d f d v d e g r p l q d l v (A P A, 2023; B h u q l n h w d o, 2012).

P r u r x v r æ d g r, r v l q w p d v g h h w h w h s r g h p v h u f æ l w l l f d g r v h p v u v i d v h v: d d h u d, u h v l w w q f l d h h l d x w r. A s u p h l u d r f r u h t x d q g r r r j d q l v p r s h u f h e h, l q l f l d o p h q v h, r h y h q w h w h w r u f d x v d q g r x p d u h d r g r v l w h p d q h u y r v r v l p s v l f r. J d v h j x q g d i d v h, d g h u h v l w w q f l d, p d q l i h w d - v h t x d q g r r h y h q w g x u d g r x u r x g h j u d q g h p d j q l v x g h. P r u i l p, q d æ l p d i d v h, r h w h w h u h x æ l h p g l y h u r v l q w p d v i v l f r v h s v l f r o j l f r v (S h o h, 1956). O v v l q w p d v g h h w h w h, d s v d h l s r v l r d x p h y h q w v d x p v l f r r x h w h w d q v h, s r g h p v h u f r p s u h q g l g r v h p x p f r q v h l w t x h h q y r g h d q v l h g d g h r x p h g r, v l w h " d, s h u g d g d v d l w i d r h g h v l q v h u h w h h p d v l y l g d g h v d q v h u r u p h q v h s u d " h u r v d v, d o p g h u d l y d h l q w p d v d j u h w l y r v r x g l w r f l d v l y r v. N h w h f r q v h l w, r v v d q w r u q r v u h æ l l r q d g r v d v d x p d v h h w h w r u h v l q f æ h p v d q w r u q r g h d s h j r u h d v l y r, v d q w r u q r g h h a j d r d p h q w r v r f l d o g h v l q l e l g r, v d q w r u q r g h h w h w h s v - v d x p v l f r, v d q w r u q r g h h w h w h d j x g r, v d q w r u q r v g h d n o w d p h q w h v d q w r u q r g h æ w s u r æ q j d g r (A P A, 2023).

E w h v v u v l q w p d v (g h s u h w l y r v, g h d q v l h g d g h h g h h w h w h) p d q l i h w d p - v h g h i r u p d v g l i h u q v h v h p k r p h q v h p x æ k h u v, l q i æ h q f l d g r v s r u i d v u h v e l r o j l f r v h f x o x u d l v. A v g l w l q h v h v h p h æ k d q d v h q v h r f r p s r u d p h q w g h k r p h q v h p x æ k h u v v r s d u h v f h q w d l v g h f r p r f d g d v r f l h g d g h v h r j d q l " d. A s h v d u g r v d y d q r v s d u d x p d v r f l h g d g h p d l v n o w d h l j x d d w u d, d l q g d s h u l w h p f æ l u d v g l i h u q d v q d v s h u f h s h v h s u v l f d v u h æ l l r q d g d v d r v s d s l v v r f l d l v (C r u h l d & B r u r v l, 2011; R r k g h q, 2001). A g h p d l v, d d v h u d v u d l g h q v l f r x t x h k g l i h u q d v q d s u y d o q f l d g h v l q w p d v s v l f r o j l f r v h q v h k r p h q v h p x æ k h u v (B r j h v h w d o, 2020; M d u l q v h w d o, 2019; G x l p d u h v h w d o, 2022).

A o p g l w r, k x p d u h æ l r h q v h r v l q w p d v g h s u h w l y r v, g h d q v l h g d g h h g h h w h w h. A l q g d t x h d v f d u d f v h u w l f d v f o q l f d v v h r d p g l w l q v d v, r v l q g l y g x r v s r g h p h y r æ l u g h x p d s d u d r x v d x p s h u r g r g h v h p s r. O M r g h o T u s d u l g r g h A q v l h g d g h h D h s u h w r (C æ l u n & W d w r q, 1991), e d v h g h h w x g r g r l q w x p h q w D A S S-

21, fr qvghud r v vjh xlvhv idv uhv: dihv v qhj dlvyr v, dj uxs dqr vlvw p dv ghs uhvyr v; kls hudvld r ilvr o j lfd, s uhvqv qv vlvw p dv gh dqlvghdgh; h dihv v qhj dlvyr v, ghfr uhqvvd gd lqvus uhv r qhj dlvld gh xp hyhqw dp hd dgr u ualfir qdgr v dr lqvlvw gh vr ehvly qfld s uhvqv hp vlvw p dv gh hvvhw (Mhæ hw do, 2007).

Gæ edq hvh, k xp d lp sr ualqv s uhydo qfld gh vadqwr uqr v p hvvld, hvs hfldq hvh vlvw p dv ghs uhvyr v, gh dqlvghdgh h gh hvvhw, t xh dihvdp fhuf d gh 264 p ldk hv gh s hvr dv (Rlvk l h & Rr vhu 2018). Nr fdv gh vlvw p dv ghs uhvyr v, r Tudqwr uqr Dhs uhvyr Mdlr u lp s dfvd vj lqlilf dlvdp hvh d ylgd gdv s hvr dv, lqvhuqgr qd fds dfgdgh gh vadddu gr up lu vh ddp hvvly fxlgdgdugd klj lhqh s hvr doh vqvlu s ud' huqdv dlvlgdghv gl udv, sr ghqgr dw dvydvr vxlfr glr (Wr ug Hhdok Ouj dql' dlv q [WHO', 2020). Ao p gr p dlvr, qd Ap ulfd Ldvld, r Budvlo r sdv fr p p dlvr s uhydo qfld gh ghs uhv r h r vjh xqgr fr p p dlvr s uhydo qfld qdv Ap ulfd (WHO, 2022). Nr Budlv r vadqwr uqr v gh dqlvghdgh dihvdp fhuf d gh 18,6 p ldk hv gh lqgly gxr v, fr uhv r qghqgr d xp d s uhydo qfld gh 9,6% gd sr sxæ r (WHO, 2022). Qxdqw dr vlvw p dv gh hvvhw, 30% gr vadddu dgr uhvudvdlr vvr iuhp gdv qgr p h gh exvgr xvlqvluqdvlr qd s vhw Mdqdj hp hqv Avr fldvr q, 2017). Dhvdlr up d, r s uhvqv hvxgr vnyh fr p r r ehvlyr yhulif dud s uhydo qfld gh vlvw p dv ghs uhvyr v, gh dqlvghdgh h gh hvvhw hp kr p hvh p xdkuhv hp xp d dp r vadqr Rlr Gudqgh gr Sxo

## a ÍÀxÀ

### Ry<sup>2</sup>Áyu<sup>3</sup> yÁÍÀ

Fr l udd' dgr xp hvxgr t xdvlvvyr gh fxqkr vadqvyhudv (Sdp s lhu hwdo, 2013).

### duÉ'wÁuÁíyÈ

Pr up hlr gh dp r vadj hp q r s ur edelovld lqvqvfr qd s dvlf ls dudp 1.117 lqgly gxr v, kr p hvh p xdkuhv, p dlvr hv gh 18 dqr v, uhvghqv hv xp d flgdgh sfdd' dgd qd uhj l r qv ugr Rlr Gudqgh gr Sxo Fr up lqfæ gr v vxrlv dodehv' dgr v h hlfæ gr v dt xhv t xh q r s uhqfkhudp r v lqvwp hvv fr uhvdp hvh r x fr p dvxud.

Qxdqw fduf vnu' d r gd dp r vad, d p dlvr s dvh gr v s dvlf ls dqv hv ir l fr p sr vad sr up xdkuhv (66,4%, q= 742). Nd dp r vad ihp lqlqd, d p dlvr ud sr vx d hvqlqr vxs hvr ulqfr p s dvh (53,09%, q= 394), hud vr vlvud (55,39%, q= 411), vjh xld d uhdj l r fuvw (54,31%, q= 403), vadddu dydp (45,14%, q= 335), s ulqls ddp hvh qd uhd gd hgxf d r (25,87%, q= 192) h ds uhvqvdydp xp d uhqgd idp ldduhqv h 3 h 6 vdo ur v- p qlp r v (20,48%, q= 152). Eqv h r v kr p hvv, d p dlvr ud vdp e p sr vx d hvqlqr vxs hvr ulqfr p s dvh (61,33%, q= 230), hudp vr vlvv (64,8%, q= 243), gh uhdj l r fuvw (39,73%, q= 149), vadddu dydp (38,66%, q= 145) qd uhd gd hgxf d r (10,4%, q= 39) h ds uhvqvdydp uhqgd idp ldduhqv h 3 h 6 vdo ur v- p qlp r v (17,86%, q= 67). Ap gld gh lgdgh r ehvudgd ir l gh 33,1 dqr v (DP= 16,2) s dud p xdkuhv h 31,7 dqr v (DP= 15,5) s dud r v kr p hvv. Vddh ghvdf dut xh d lgdgh p qlp d gdv p xdkuhv ir l gh 18 h dp | lp d gh 89 dqr v, hqt xdqw s dud r v kr p hvv, ir l gh 18 h 90 dqr v. Pr uilp , r vlvv T p r vvr x t xh q r kr xyh glihuq d vj qlilf dlvld hvh dv lgdghv gdv gx dv dp r vadv (v= 1,39, s= 0,16).

## WÉÉÓ<sup>3</sup> yÁÍÀÊ

Fr udp xvd" dgr v r v hj xlvhv lqvwp hqv v:

: O t x h w l r q l r v h y h f r p r i l q d d g d g h f r d v l u r v g d g r v f r p r : l g d g h, v h | r , h v f r æ l u g d g h, h w æ g r f l y l o u d j l r , s u r i l w r h h q g d i d p l d d u g r v s d u l f l s d q v h v.

**Qã**

**A ã RlcD** A DASS-21, f u d g d s r u L r y l e r q g h L r y l e r q g

(1995), x p d h v f d æ x v d g d s d u d l g h q v l f d u h t x d q v l f d u v l q w p d v g h g h s u h w r (l q u f l d, d q h g r q l d, g l v i r u d, g l p l q x l r g h l q v h u h w h, g h v y d æ u " d r g d y l g d h g h v l q v h u h w h), g h d q v l h g d g h (d s u h q v r , v h q v d r g h s q l f r , w h p r u e r f d v h f d, g l i f x æ g d g h s d u d u h s l u d y v x g r u h v, s u h r f x s d r f r p r g h v h p s h q k r , v h q v d r g h s h u g d g h f r q w r d h) h h w h u h w h (h | f l v æ l r , v h q v r , l q f d s d f l g d g h s d u d u h æ l d y l u l v æ l r , q h u y r v l p r , l q t x l h w æ g h, d v l w æ g h v g h l q w d u q f l d). A DASS-21 f r q w p 21 l v h q v h p i r u p d g h h v f d æ l / n h u g h 4 s r q w v, g h 0 (q r v h d s d f d d p l p ) d 3 (d s d f d - v h p x l w d p l p , r x q d p d l r u s d u h g r v h p s r), r v t x d l v h w r g l y l g l r v h p 3 v x e h v f d æ l, x p d s d u d f d g d v l s r g h v l q w p d. A o p g h w æ g r , r v v l q w p d v r f æ l w l f d g r v f r p r : q r u p d æ d y h, p q l p r , p r g h u d g r , j u d y h p x l w j u d y h. C d e h u h w d æ l y d l q g d, t x h d y h w r e u d v l d l u d g d DASS-21 i r l d g d s v æ g d h y d d g d g d f r p x p d d p r w æ d g h 242 d g x æ v g r h w æ g r g h S r P d x æ , d s u h v h q v æ g r r v y d æ u h v g h d æ d g h C u r q e d f k g h 0,90 s d u d g h s u h w r , 0,86 s d u d d q v l h g d g h, 0,88 s d u d h w h u h w h h g h 0,95 s d u d r w v æ l o g d v w u v x e h v f d æ l (V l j q r æ l & T x f f l, 2014).

## dÉÀwvx<sup>2</sup> yÁÍÀÊy OÁ<sup>2</sup>Éy xy RuxÀÊ

O h w æ g r i r l d s u y d g r s h æ C r p l w g h v l f d v r e r CAAE 45557815.5.000.5319. A f r d v æ l g h g d g r v r f r u h x g h i r u p d l q g l y l g x d o h f r d v l y d. P r u h | h p s æ , d j x q v s d u l f l s d q v h v u h d d " d u d p d s h v t x l v d h p v x d u h v l g q f l d h r x w r v, h p v d æ l g h d x æ l, q r i r u p d w r f r d v l y r. P d u d f r d v æ l, x v l d " r x - v h o s l v h s d s h o l q l f l d p h q v h, r v s d u l f l s d q v h v i r u d p h v f æ l u h f l g r v v r e u h d q d v u h " d h r v r e h v l y r v g d s h v t x l v d, e h p f r p r g d u h v s r q v d e l d g d g h g r s h v t x l v d g r u h p j d u d q v l u r v l j l æ g d v l g h q v l g d g h v g r v p h v p r v. N d p h v p d r s r u æ q l g d g h, i r l h q w h j x h h d g r f r p r v d æ q r v r T h u p r g h C r q v h q v l p h q w L l y u h E v f æ l u h f l g r (TCLE), t x h, s r w h u l r u p h q v h, i r l u h v s r q g l g r v h p q h q k x p d l q v u f r u q f l d r t x h w l r q l r v r f l r g h p r j u i l f r h d v h v f d æ l. C d e h u h w d æ l y d l q g d, t x h r TCLE h w æ l y d h p f r q i r u p l g d g h f r p d v R h v r æ h v 466/2012 h 512/2016 g r C r q v h æ k r N d f l r q d o g h S d g h. A o p g r p d l v, d f r d v æ l i r l u h d d " d g d d q v h v g d s d q g h p l d g h COVID-19.

O v g d g r v i r u d p d q d d v d g r v t x d q v l w æ l y d p h q v h, f r p g h v f u l r h l q v h u s u h v æ l r g r v u h v æ l g r v. A d q d v h h w æ l w l f d h l q i h u h q f l d o g r v h v f r u h v, i r l u h d d " d g d x v l d " d q g r r v h v h g h M d q q - W k l v æ h ' , h r v h v h T g h S u x g h q w r t x d o g h s h q g h q g r g d q d v u h " d g r v g d g r v (s d u d p v l f r v r x q r - s d u d p v l f r v), k 5% g h s u r e d e l d g d g h (s 0,05) s d u d d v y d u y h l v d y d d d g d v (D d q f h ' & R h l g ' , 2013).

## f yÉÓ<sup>2</sup> l u x ÀÊ

N r t x h g l " u h v h l v d r v u h v æ l g r v g d DASS-21, d v p x æ k h u v d s u h v h q v æ l u d p p g l d v p d l v d æ l v t x h r v k r p h q v q r v l q w p d v g h s u h v l y r v, g h d q v l h g d g h h g h h w h u h w h, v æ p e p , q r w v æ l o v h v h g h M d q q - W k l v æ h ' l q g l f r x x p d g l i h u q d v l j q l i l f d v l y d h q w h r v g r l v j u x s r v, g h p r q w æ d q g r t x h d v p x æ k h u v d s u h v h q v æ l u d p d l v v l q w p d v h p f r p s d u d r d r v k r p h q v (T d e h æ l 1).



**huvy<sup>2</sup>u:** 6Slqwp dv ghs uhwyr v, gh dqlvhgdgh h gh hwwhwh hp p xdkuhv h kr p hqv.

	Mxdkuhv		Hr p hqv		Mdqq-Wklvqh'	
	M gld	DP	M gld	DP	U	s
DASS Dhs uhw r	12,16	10,88	10,02	9,36	125373	0,007
DASS Aqvlhgdgh	8,93	9,52	6,95	8,23	121848	<0,001
DASS Ewuhwh	13,2	9,97	9,52	9,27	106190,5	<0,001
DASS Tr vdo	34,28	26,51	26,49	22,97	114072	<0,001

**bÄfu6** Dlihuq d hwdwlf dp hqv vj qilif dlyd d q yhogh s 0,05.

## R'ÉWÓË À

Qxdqwr dr v vlqwp dv ghs uhwyr v, dv p xdkuhv ds uhvqvwdp p dlr u p gld gr t xh r v kr p hqv, kdyhqr, s r udlqr, glihuq d vj qilif dlyd hqv r v vhl r v. As hvduglwr, r v vlqwp dv v r fdlwlf dgr v fr p r p qlp r vs dddp er v r vj uks r v (Vlj qr æ & Txffl, 2014). Ewhvdf kdgr vhw r hp fr qir up lgdgh fr p xp hwxgr uhdd" dgr fr p 45.161 eudvdlur v gxudqvn d s dqghp ld gh COVID-19, r t xdolghqwlfr x xp d iht x qfld gxdv yh" hv p dlr u gh vlqwp dv ghs uhwyr v hp p xdkuhv (Bdur v hwd, 2020). Dd p hvp d ir up d, xp d s hvt xlv d vhp hkdqvn qr Pd v Bdvfr, fr p s r wds r u976 s hwr dv, r evnyh uhxwdgr v p hqr v glwlvqr v hqv r v vhl r v, p dv, dlqgd dwlp, fr p vdl dv p dl v hdygdv hqv dv p xdkuhv (O"dp l" -Evjhedu d hwd, 2020). Aghp dl v, qd s r s xæ r lgr vd, d iht x qfld gh vlqwp dv ghs uhwyr v hp p xdkuhv vdp e p r gr eur gd r evhydg d hp kr p hqv (Aqgdgh hwd, 2016). Ao p glwr, hp sdf lhqv kr vs lwd" dgr v fr p gldj q wlf r gh gr hq d duhudo s hli ufd, dv p xdkuhv vdp e p p r wddp p dlr us ur s hqv r d ghvqyr ghvwdqwr uqr v ghs uhwyr v (Auj r hwd, 2019).

Ep thæ r dr v vlqwp dv gh dqlvhgdgh, dv p xdkuhv ds uhvqvwdp vlqwp dv p qlp r v, hqt xdqwr d s r qxæ r gr v kr p hqv fdlwlf d-vh hp vlqwp dv dnyhv/qr up dl v (Vlj qr æ & Txffl, 2014), fr p xp d glihuq d hwdwlf dp hqv vj qilif dlyd. Ewhv uhxwdgr v fr ur er ud p fr p r v hwxgr v uhdd" dgr v hp xqlyhwlwlr v (Ckdyhv hwd, 2015; Rlehlur hwd, 2020) h hp sdf lhqv dv hqglgr v qd dvhqr s ulp ud (Pr uxj dohwd, 2014). Ao p glwr, xp d s hvt xlv d t xh fr p s dx 256 s hwr dv s udlf dqvnh thj xælvh gh dlylgdgh i vld fr p 256 lqgly gxr v vghqwd r vdp e p lghqwlfr x p dlr uvlqwp dvw j ld gh dqlvhgdgh qd dp r wdd ihp lqlqd (Aghv hwd, 2019). Alqgd, xp hwxgr uhdd" dgr fr p sdf lhqv gldj qr wlf dgr v fr p gldehvh vls r 2, fr qfælx t xh dv p xdkuhv ds uhvqvwdp p dlr us ur edeldgdgh gh ghvqyr ghvhp wddqwr uqr gh dqlvhgdgh j hqudd" dgd hp fr p s ddd r dr v kr p hqv (Hxdqj hwd, 2020). Awlp, d s uhvq d gh gr hq dv j dyhv r x d qfh hwlgdgh gh lqvhuqd r kr vs lwdvdp e p hwr dvr fldgdv d vdl dv p dl v dddv gh dqlvhgdgh qr vhl r ihp lqlqr. Ewh idw ir l gh p r qvwdgr s r u hwxgr v uhdd" dgr v fr p glihuqvn j uks r v: 150 s dulf ls dqvnh vxep hvlgr v fr æfd r gh vr qgdv gh qhiur wr p ld (Fhuq qgh" -Cdfkr & A' hvd-Aulr æ, 2019), 90 dgxæv s r udlgr uhv gh j æ p huxæ qhiu hv r x gh gr hq d hqdos r df wlf d (Bdur v hwd, 2011), h 282 sdf lhqv dgxæv kr vs lwd" dgr v, s r u qr p qlp r, gr lv gldv hp hqihp dldv gh foqlf d p glf d gh xp kr vs lwdv qlyhwlwlr (Gxæfk, 2013).

Ep thæ r dr v vlqwp dv gh hwwhwh, dv p xdkuhv ds uhvqvwdp p gldv p dl v dddv hp fr p s ddd r v gr v kr p hqv. Ep er ud dp er v r vj uks r v v hqkd p uhxwdgr v fdlwlf dgr v fr p r vlqwp dv dnyhv/qr up dl v, d glihuq d ir l hwdwlf dp hqv vj qilif dlyd. Ewh uhxwdgr fr ur er ud xp hwxgr t xh dddv r x r v q yhlv gh hwwhwh hp s ur ilwlr qdlv gh hqihp dj hp h lghqwlfr x vdl dv t xdv gxdv yh" hv p dlr uhv gh vlqwp dv hp

p xdkuhv (Cdyddk hwd, 2020). Ao p glwr, r xwd shv xlv yhuilfr x t xh, gr v 106 dgxwv t xh udd" ddp dvhqglp hqv s vfr o j lfr hp xp dfoqlf d, wgdv dv p xdkuhv vlqkdp vlqwp dv gh hwdhwh (Sdgluhwdo, 2010). Dh p dqlud vlp ldy shv xlv dv fr p hwxgdqhv xqlyhuwlv vdp e p p rwdudp vll dv p dlv hdygdv gh hwdhwh hp p xdkuhv. lwr lqf xlp hwxgr ihlw fr p 3.587 hwxgdqhv gh vhlv lqwlxl hv gh hqvqr eudvludv, t xh ds r qwx p dlr us uhydo qfld gh vlqwp dv gh hwdhwh h exurxur s edfr ihp lqlqr (Pdgr ydql hwd, 2014), hr xwr fr p 761 xqlyhuwlv, t xh hqfr qwr x glihuq dvlj qlilf dlydqr vvlqwp dv gh hwdhwh qdv p xdkuhv hp uad r dr vkr p hqv (Mr xvlqr hwd, 2017). Alqgd p dlv, xp hwxgr fr p 377 myhqv dgxwv gh xp dxqlyhuwlgdgh eudvludv ghvfr x vlqwp dv gh hwdhwh hp 80% gd dp r wad ihp lqlqd (Odyhlud hwd, 2020).

A s uhydo qfld gh vlqwp dvr o j ld gh dqlhgdgh h ghs uhvlyr v s udlf dp hqv vhlj xcd p dvx ddp qr v s hur gr v gh s u s xehgdgh h gh s v-p hqr s dxvd (Aohp xv hwd, 2014; Bheelaj wq hwd, 2003). Av glihuq dv qdr fr w qfld gh vlqwp dv ghs uhvlyr v, gh dqlhgdgh h gh hwdhwh hqv kr p hqv hp p xdkuhv vdp e p s r gh p hwdudv r fldgr vdr flf o p hqwx d d j dylgh" h dp hqr s dxvd, fr p ir fr qr kr up qlr hwr j qlr (Aohp xv hwd, 2014), s rlv s ur y yhot xhr hwr j qlr vnk d x p hihlw p r g xalgr uq dthgx r gr hwdhwh, s ulf s ddp hqv gxudqv d j dylgh". Ep dg xp dv vlx d hv, h d glp lqxl d uhs r wad r hwdhwh gr vlvhp d qhuyr vr dxwqr p r; hp r xwdv, lqvhlv d (Kdrdqlh & Pklats v, 2006). Ep wgr vr vq yhlvgh dq dvhv, ghvgh r p r d f xaludr vlvhp dv r uj qlfr v, k glihuq dv elr o j lfdv hqv r v vhl r v qdv ixq hv qhxur hqgr fulqr o j lfdv, r t xh d xp hqv dv uhs r wad hqgr fulqdv h hp r flr qdlv gdv p xdkuhv d hwp x o v, fr qwlexlqgr s d d p dlr us uhydo qfld gh vldqwr uqr v s vfr o j lfr v qdv p hvp dv (Bdaj dwhu & Vddhqlqr 2014). Ewdv glihuq dv lqf xhp r hl r klr wad p r s lxlwud-dghqdo (HPA), r v flf xlv r v fr ufr op elfr v h dg xp dv hwxwudv f h uedlv fr p r r klr fdp s r, ddp j gdal hr f uhl (Bdaj dwhu & Vddhqlqr 2014; Mdf Qxhhq hwd, 2003; Skhdq, 2000). Awlp, dfuhglv t xh hwxgr v r e h hwdv glihuq dv s r gh r uhs wad qr ghvqyr o lp hqv gh vldv hqv r idlp dfr o j lfr v p dlv ds ur s dgr v v f duf vhuwlv dvlv r o j lfdv gh fdgd vhl r (Bdaj dwhu & Vddhqlqr 2014).

Ao p gr v idv uhv elr o j lfr v, r xwdv f dxvd s d d d hdygdv vll dv ghvhw vlqwp dv hp p xdkuhv r dv s vfr vr fldv, ghqv h ad: ghvj xdg dghv vr fldv hqv r v vhl r v; p dlr uylv l" d r gh p xdkuhv hp vr flhgdghv p dlv p d fklwlv; p dlr uhs r qvdldgdgh vr fldo r t x d lqf x l d qhf hwlgdgh gh fr qwlexl s d d r vxw hqv gd f d d, hq t x d qv f x l g d p gr v i l d r v h u d d " d p v l h i d v g r p w l f d v. O x w r w l p, k d s u h w r u h a l r q d g d s d g u h v g h e h d " d, t x h v r p d l v f r e u d g r v h p p x d k u h v; v h q g q f l d u x p l q d r g h l g h d v, h p f r q w d v h f r p r v f r p s r u d p h q v v g h i x j d / h v t x l y d p d l v f r p x q v h p k r p h q v; h r v v h q v p h q v v g h e d l l d d x w h i l f f l d, p x l v d y h " h v u i r u d g d v s r u x p d h g x f d r p d f k l w l t x h v x j h u h t x h r v k r p h q v r r v x s h u r u h v h s r v x h p p d l v g l h l v (Bds wad hwd, 1999; Cr uhl d & Br u w l; 2011; Jxw & Cddo 2006).

Oxw d f dxvd s vfr vr fldo t x s r gh vhu h d q f d g d d u a d r h q v h d e x v r v h l x d o l q i d q v l o h v d q w r u q r v l q v u d d " d q v h v, f r q v l g h u d q g r t x h s h w r d v y v l p d v g h d e x v r q d l q i q f l d w p x p d s u r e d e l d g d g h p x l w p d l r u g h g h v h q y r g y h u d g x p v d q w r u q r (Bhlv k p dq hwd, 1992; Fhij xwr q hwd, 1996). Up d kls vlvh t x h v h q v d h l s d f d u d v p d l r u h v v l l d v g h g h s u h w r h d q v l h g d g h h p p x d k u h v, v x j h u h t x h l w r v h g y h d r i d w g h k d y h u x p q p h u r p d l r u g h p h q l q d v y v l p d v g h A S I g r t x h g h p h q l q r v (Mxahq hwd, 1988; Wlvh hwd, 2001). Nr hqv d q w, d r f r p s d u d v d l l d v, f r q v l g h u d q g r d s h q d v r d e x v r, r e v h u y d - v h t x h h d q r h l s d f d w v d p h q v h d v g l i h u q d v h q v h r v v h l r v (Fhij xwr q hwd, 2002).

Pr uilp , r xw d kls wlvh vxj huh t xh d p dlr us shydo qf l d gh vlq w p d v s v f r o j l f r v q d p x d k h u h v , h p u h d r d r v k r p h q v , s r g h v h u d w e x g d d f r p s r u d p h q w v p d l v f r p x q v q r v h | r i h p l q l q r , g h q w h h d v : s u r f x u d u d n g d p g l f d f r p p d l r u i h t x q f l d h h | s u h w d u g h i r u p d p d l v f d u d v h x v v h q v l p h q w v , r t x h s r g h u d l q g l f d u h v x w d g r v s l r u h v h p v h w h v g h d x w u h d w . P r u p , p h v p r t x d q g r h w d v y d u y h l v r f r q w r d g d v , d v p x d k h u h v d l q g d s u h v h q v l p p d l v v l q w p d v ( B r j q h u & G d o r , 2004; M l u z v n ' & R r w , 1995).

Al q g d t x h d f r d h v l g h g d g r v v h q k d v l g r u h d d " d g d d q v h v g d s d q g h p l d , l p s r u d q v h g h w d f d u t x h r g l w d q f l d p h q w h r l v r d p h q w v r f l d o d g r v d g r v f r p r p h g l g d v s d u d u h g x " l u d g l w h p l q d r g r y u v C r u q d y u v D l v h d v - 19 ( C O V I D - 19 ), l q v h q v l i l f d u d p r v l q w p d v s v f r o j l f r v q d s r s x d r ( O i j d q l " d r P d q - A p h u l f d q d g h S d g h , 2020 ). P r u h | h p s o , h p x p h w x g r u h d d " d g r f r p e u d v d h u r v x v d d " d q g r r D A S S - 21 , u h y h o x - v h p g l d v p d l v d o d v g h w h v v l q w p d v h p p x d k h u h v , t x d q g r f r p s d u d g d v d r v k r p h q v ( B d u e r v d h w d o , 2021 ). A o p g l w r , r x w d s h v t x l v d l g h q v l i l f r x t x h v l q w p d v f r p r v d w h " d , q h u y r v l p r h d o h u d h v g r v r q r i r u d p p d l v s u h y d d h q v h v h p d g x o r v m y h q v , p x d k h u h v s h w r d v f r p k l w u l f r g h g h s u h w r ( B d u r v h w d o , 2020 ). A l q g d p d l v , q r f r q v h | w g d s d q g h p l d , r v h q v l p h q w g h l q f h u h " d j h u r x v l q w p d v g h d q v l h g d g h t x h , h p d o x q v f d r v , h y r o u d p s d u d t x d g u r v g h s u h w l y r v g h y l g r v p x g d q d v e u x v f d v q r h w l o g h y l g d ( W d a j h w d o , 2020 ).

## Q A A E ' x y E u y E Z ' A u ' E

O v u h v x w d g r v u h i h u h q v h v d r v v l q w p d v g h s u h w l y r v p r w d u d p t x h d v p x d k h u h d s u h v h q v u d p p d l r u p g l d g r t x h r v k r p h q v , v h q g r d p e r v f d w l i l f d g r v f r p v l q w p d v p q l p r v . E p u h d r d r v v l q w p d v g h d q v l h g d g h , d v p x d k h u h v d p e p r e v l y h u d p p g l d p d l v d o d , f d w l i l f d g d f r p r v l q w p d v p q l p r v , h q t x d q w t x h d s r q w d r g r v k r p h q v i r l f d w l i l f d g d h p v l q w p d v d y h v / q r u p d l v . N d d y d d d r g r v v l q w p d v g h h w h w h , d v p x d k h u h d s u h v h q v u d p p g l d v x s h u r u g r v k r p h q v , v h q g r d p e r v r v u h v x w d g r v f d w l i l f d g r v f r p r v l q w p d v d y h v / q r u p d l v . H r x y h g l i h u q d v l j q l i l f d w l y d h q w h d p e r v r v h | r v , l q g l f d q g r t x h d v p x d k h u h d s u h v h q v u d p p d l v v l q w p d v g h s u h w l y r v , g h d q v l h g d g h h g h h w h w h h p f r p s d u d r d r v k r p h q v .

E w h v u h v x w d g r v u h w d o d p d q h f h w l g d g h g h f r p s u h h q g h u r v p h f d q l v p r v t x h l q i o h q f l d p d v g l i h u q d v h s l g h p l r o j l f d v g r v w d q w r u r v p h q v d l v h q w h p x d k h u h v h k r p h q v . g h h | w h p d l p s r u w q f l d t x h v h r d p g h v h q y r g l g d v l q v h u y h q h v s u h y h q v l y d v t x h f r q v l g h u p d v g l i h u h q v h q h f h w l g d g h v i l v r o j l f d v h v r f l d l v g h f d g d l q g l y g x r . A g h p d l v , g h w d f d - v h d q h f h w l g d g h g h p d l r u d v h q r d r v v l q w p d v h d r g l d j q w l f r s u h f r f h h p p x d k h u h v , y l w r t x h h a d h w r v r e p d l r u d v f r g r t x h k r p h q v h p f l u f x q w w q f l d v v h p h d k d q v h v . C r p r d p l v d r g h w h h w x g r , s r g h - v h d s r q v d u r i d w g h r v l q w x p h q w v x v d d " d g r v u h p g h d x w u h d w , r t x h s r g h g l i l f x w d u d r e v h q r g h u h s r w d v i l g h g l j q d v s r u s d u h g r v s d u l f l s d q v h v , e h p f r p r d p d l r u s d u h g d d p r w d v h u f r p s r w d s r u p x d k h u h v . T d p e p , g h y h - v h s r q g h u d d j h q h u d d " d r g r v d f k d g r v s d u d d s r s x d r j h u d o x p d y h " t x h d d p r w d r l j l q u d g r R l r G u d q g h g r S x o

S x j h u h - v h , h q w r , t x h h w x g r v s r w h u r u h v s u h f r q l " h p j u x s r v g l y l g l g r v s r u i d l | d v h w u d v , d i l p g h y h u l i l f d u s r w y h l v g l i h u q d v g h v l q w p d v h q w h p x d k h u h v h k r p h q v . l q f o v l y h , l q y h w l j d u h y h q w v h w h w r u h v n o q v l p h q v h f r p h w d v y d u y h l v , s r g h d x | l o d u q d s u h y h q r h q r g l d j q w l f r s u h f r f h g h w d q w r u r v s v f r o j l f r v .

## f yzyÉ ÁwúÉ

Dqj r zx/P 1Vf vřf hř/QY( Qj rñf l uuj wř s/F 1-5347, 1Vj Ši rñk vřshj xř s řs řñj y fsi i j u vřxxř s hřp řñf quj w uuj hřř j x1  
/wřsyřj wř s Qj z wřjsi t hř s t q l ' /6846, /6530663 myux=2i t řt w 243 43492d křj 534788B37

Dqj x/G1J 1O/U t hřf/V1J YDsi wř j /H1YYP j si j x/D1\_Y( Fz s řñf/ 1J 1M-534<, 1Wřj ut xřřj j ř uf hřt k uñ x hřf q  
f hřř řy' t s yřj vř i z hřř s t k f s řñj y x hř vř x f uñ ř y x y z i ' 1Uj /řyř i f D x t hřf t P i řñf E vř x řj řñf /9846, /7670  
7731 myux=2i t řt w 243 48<324; 390<5; 5 98 6 767

Dr j wřf s Sx' hřřf wřh D x t hřř y ř s 1-5356, 1 P f s z f q G řñf s x řñt j H řy f y x řñt i j W ř s x y t w ř t x P j s y ř x =GVP 080W1  
Dyř j i 1

Dsi wř j /I 1F1G1Y z/I YQ gwt /P 1OY( Gzř wřj /J 1D1i j R 1-5349, 1Ořj j řuj hřř s h' ~ řyñt z y i j u vřxxř s ř s hřřř x j x  
ř r t s l E vř " řñf s t q j w ř i z q x 1 Uj /řyř i j Vř i j S g q řñf / 8345, / 40<1 myux=2i t řt w 243 48<32V484; 0  
::: 5349383338<33

Dwřl t /MDYDsi wř j /O1J 1U1i j /Qj | j x/R 1P 1J YDwřl t /U1F1VYDwřl t /I 1P 1VY( Uj řx/I 1S1-534<, 1Ds x ř i f i j j  
i j u vřxx t j r uf hřř s y x hř r i t j s f f wřj wř quj w k wřh ř s y w ř i t x j r ñt x u ř y q j w řñ w ř 1M w ř q Y f x h z q w  
E vř x řj řñf /4; /40441 myux=2i t řt w 243 48<3249; : 0877<4<3335

Ef s l f x j w G1DY( Yř q s y ř s t /U1M-5347, 1Vj Ši rñk vřshj x ř s x y vřxx 0 vř q j i u x' hřřf wřh i x t w j w =Qj z wř g řñ q l řñf q  
u j w u j hřř j x 1 /wřsyřj wř s Qj z wřjsi t hř s t q l ' /6846, /636064<1 myux=2i t řt w 243 43492d křj 534786B3; .

Ef u y x y f /P 1QY Ef u y x y f /D1V1GY( R q j řñf /P 1J 14<<<, 1Gj u vřxx t j l s j w =u t w z j f x r z q řj vř x i j u w ř j r ř f ř x  
v z j t x ñt r j s x B Wřř f x j r S x řñt q l řñf : 45, / 47604891  
myu=2uj u x řñ g l x f q i t w 2 x řñ q 1 u m u B x h w u y x h řñf w řj Šyř u ñ @V47466; <4<<<333533338

Ef wřt x f /O1Q1I YP j q /P 1F1E1YFz s řñf /P 1i t F1Y1YDq z v z j w z j /H1QYF t x y f /MP Y( V řñf /H1I 1I f f -5354, 1I vřv z s hřř  
i j x ř s y t r f x i j f s x ř i f i j /i j u vřxx t j j x y vřx j j r g vř x řj řñf x s f u f s i j r řñf FRYLG04<1Uj /řyř i f E vř x řj řñf  
Vř i j P f j y ř t L s ř s y řñ 54W z u d 5, =V7540V75; 1 myu=2i Š1 t řt w 243 48<324; 390<6375354333V533338

Ef wřx/E1S1i j /Qřx m z wř /MOYKj řq j w /U1SY( N w x " y ř s /J 1P 1-5344, 1Ds x ř i f i j /i j u vřxx t j v z f q ř i j i j | ñ f j r  
u f hřř s y x hř r l q r j v z q s j k wřj k ř r ñf w t z i t j s f vř s f q u t q ñ x y řñf f z y t x r řñf i t r ř s f s j 1M w ř q  
E vř x řj řñf i j Qj k vř q l řñf /6645, /453045; 1 myux=2i t řt w 243 48<32V343405; 335344333533335

Ef wřx/P 1E1i j DYOn f /P 1J YP f q f /G1F YV" ~ f w ~ f q /F1OYD' j | j i t /U1F1V1i j /U t r j w /G Y V t z " f M s ř t w S1U1E1  
i j /D' j | j i t /O1R YP f hřř i t /U1H YGf f hř s f /J 1QYJ t r j x /F1VYZ j w ř h p /D1i j R YV řñf /G1U1S1i f /S ř s f /P 1  
i j l i j / ( J w ř h řj /U1-5353, 1Uj q y t i j y w x j " f 2 i j u vřxx t /s j vř t x x r t 2 f s x ř i f i j j u w g q j f x i j x t s t s f  
u t u z q t f i z q f g vř x řj řñf i z w ř s y f u f s i j r řñf FRYLG04<1H u ñ j r řñf q l řñf Vj vř n t x i j Vř i j /5<7, /  
40451 myux=2i t řt w 243 48<32V49; <07< 7535333373334; .

Ej g g ř s l y t s /SYGz s s /J YNl s p ř s x /UYQ ~ řx /J YEvřl řñf /W1 f w ř q P Y( P j q " j w K1-5336, 1Wřj ř s k q j s h j t k f l j f s i  
x j ř t s y řj u vřj f q j s h j t k i j u vřxx řj hř s i řyñt s x =vř u t y k vř r y řj Q f y t s f q V z vřj ' t k S x' hřřf wřh P t v g řñ řy' 1  
L s j y w ř y t s f q f j /řj ~ t k S x' hřřf wř /48405, / 70 6 1 myux=2i t řt w 243 43; 323<87359354333378< 9

Ej ř y h m ř f s /MK Y\_z h q j w NIM K t t i /MH YGf F t x y f /J 1D YDp ř s /G Y( F f x f | řñf /H1-4<<5, 1D vřj řj ~ t k y řj q s l Q j w  
j k j h y x t k h m řj x j ř z f q f g z x j 1 F m řj D g z x j ( Qj l q j h y / 494, / 434044; 1 myux=2i t řt w 243 4349234780  
5467<5, <33440k

Ej w ř p /P YF t w řj řñf w řl YVj q f /I Y( D x g f m w l U1-5345, 1W ř s x y t w ř t i j f s x ř i f i j f t q s l t i f | ñ f l s R1Y1I t w ř s " f /  
( H1F1P ñ z j q H x 1 /F t r u s i t i j F q s řñf S x ř v z n y w řñf t u 166: 0695, 1P f s t q j 1

Et l sj wK1UY( J f q /MM-5337,1Dvj mñ nj wñvj xtki j uñjxrt s rs ~tr js fhht zsyj i kt wg' i rñkj vñs yñ q' r uyr  
vjut vñs l B Vt hñf q Sx' hñf yw fsi Sx' hñf ywñ Hññ jr rñ q l ' / 6<5, / 45904651  
myux=2i t rñt w 243 433: ' 5l x3345: 03703: 470'

Et wj x/ F Y l wñshj xñfyt / UY( Kt j kj q D1O l -5353,1l fyt vñx fxt hñf i t x uñjxj s f i j xñsyt r f x i j f s xñj i f i j j  
i j uñjxx t j r f hñf r rñt x i j i rñj vñs yj xñz wñt x i j z r Fj s yw Xsñj wñy wñ st xz q t Sf x l Uj / rñyf Eñf xñj rñf  
i j Rg j xñ f i j / Qzyñ t j H f l vñ hñ j s y t / 47±7, / 4: 05; 1  
myux=2i rñ f q j yz s rñt d j x2j vñj y2f wñh z q Bñt i rñt @ 4836<<

Ff vñf qñt /D1H1O l i j / l wñ t / L i f VYVñf / G1P 1U l i f / Ds i wñ j / P 1VY Yf xñt shj q x / V1F Y( Dvzñst / MP 1i j 1-5353,1  
Vñjxx t k s z wñs l uñv kj xñt s f q ~t vñs l rs uñv Oñt xñyf qñf vñj l Uj / rñyf Eñf xñj rñf i j Hñkj wñ f l j r / : 65, / 4091  
myux=2i t rñt w 243 48<3233670 49: 0534: 03993

Fñf j j x / Hñ j F 1O / l z s j x / G1K Y P t z wñ / F 1i j F Y F f vñf qñt / O l F Y Vñf / D1P Y( Ff vñf qñt / H1F 1i j 1-5348,1Ds xñj i f i j j  
j x uñz f qñ f i j j r j x y z i f s y j x z sñj wñy wñ x = z r j x y z i t yñs x j j wñf q Uj / rñyf Eñf xñj rñf i j Hñkj wñ f l j r /  
9: 6, / 837083<1myux=2i t rñt w 243 48<3233670 49: 53489: 364: n

Fñ vñ / O l D Y( Z f y t s G14<<4, Wñuf vñj r t i j q t k f s Sñj y f s i j uñjxrt s = u x' hñt r j y wñ j | ñ j s h j f s i y f S t s t r rñ  
m uñf yñt s x l Mz wñf q t k f g s t wñ f q u x' hñt q l ' / 43-6, / 6490691  
myu=2i ~ ~ ñ h gñs q ñ mñ t | 2uzgr j i 24<4: 944

Ft wñrñ / N l P 1 O Y ( Et wñ yñ H l -5344,1P z qñj wñ j i j uñjxx t = z r f f s qñj hñt r uñt wñr j s y f qñt s y j S y z f q Dñf  
F t r uñt wñr j s y f qñt = Uj / rñyf O y s f i j Ds qñx i j F t r uñt wñr rñs y t / 4<6, / 68<06: 61  
myu=2uj uñrñt j x f q i t w 2xñj q 1uñv Bñwñy xñrñf vñj Sñl uññ @V34; ; Q 478534433363333:

Gf s h j ' / F 1S Y U j ñ ' / M-5346,1Hñf y xñrñf x j r r f j r yñf uñf uñrñt q l rñ -8f j i 11H rñt wñ S j s x t 1

I j w z x t s / G1P Y K t wñ t t i / O l M( O s x p j ' / P 1Wñ4<<9,1F mñj rñt t i V j S z f q D g z x j f s i S x' hñf y wñ Gñt wñj wñs j t z s l  
D i z qñt t i = l S x' hñf y wñ R z y hñt r j x t k f mñj rñt t i V j S z f q D g z x j Mz wñf q t k yñj D r j wñf s Dñf i j r ' t k f mñj  
( D i t q xñj s y S x' hñf y wñ / 6843, / 4698046: 71myux=2i t rñt w 243 43< 2333378: 604<<94333303357

I j w z x t s / G1P Y V ~ fñs F f r u g j qñ Q1U Y( K t wñ t t i / O l M-5335,1G t j x x j S z f qñt rñt qñs h j hñt s y wñz y j y t j qñ f y j i wñj x  
t k f s Sñj y f s i j uñjxrt s rs kj r f qñ x B S x' hñt q l rñf q P j i rñs j / 65-9, / <<40<<91  
myux=2i t rñt w 243 434: 2333665<4: 35338< 9

I j wñ s i j " O f f hñt / O l P Y( D' j x f O wñt qñ / U l -534<1T z f qñt t k qñj / uñf s f s i f s Sñj y rs uñf yñs y x ~ rñm s j uñv rñx y t r '   
y z g j x l Uj / rñyf O y s t O d r j wñf s f i j Hñkj wñ f l j r / 5: j 64<4, / 40441 myux=2i t rñt w 243 48<32484: 0  
: 678636<64<4

J z m f w j x / P 1 l Y Yñ " t y t / P 1 P Y D l t l qñ / K 1 U 1 P 1 F Y( Sñfñf / H l D 1 l 1-5355,1G j uñjxx t / f s xñj i f i j j / j xñj xñj j  
v z f qñ f i j j | rñf i j j x y z i f s y j x i j z sñj wññ f i j x u gññf j uññf i f 1 Uj / rñyf S xñt q l rñf / Gñj wññ f i j j  
V f i j / 44 / j 736; 1myu=2i S 1 t rñt w 243 4: 59: 2564: 066<7wñ x 53551 736:

J z qññm U / U f r t x / D 1 E Y \_ f s / W l U 1 D Y Vññj vñw F Y( P j s i t " f O f xññ U 1 D 1-5346,1Sñj f qñs h j t k f s Sñj y rs uñf yñs y x  
f i r rñj i y t f z sñj wñy rñt xñyf qñs x t z yñj wñ Eñv " rñf s i f x t hñf y j i kñf y t wñ l Uj / rñyf Eñf xñj rñf i j  
Hññ jr rñt q l rñf / 496, / 977098: 1myux=2i t rñt w 243 48<3247480 <31 534633363333<

K z f s l / F O M K xñj m K O P Y V z / K O S Y Mñ s l / K O M Z f s l / S O Z Y( O s / F O K 1-5353,1J j s j wññj i f s Sñj y i rñt wñj wñs y u j 5  
i rñf g j j x r j qñz x = uñj f qñs h j f s i hñp rñf qññf vññj wññññ1 Eñv " rñf s Mz wñf q t k S x' hñf y wñ / 75-9, / 954095<1  
myux=2i t rñt w 243 48<3' 5l 484907790534<03938

ls yj wsfyrt sf qVvjxx P fs fl j r j syDxxt hrfyrt s 14VP D, 1-534: , Q t q r n y 1

myux=22~::~~ lxr fgwfxrht r lgvn l 2j xyvjxxj 438 l u k

Mxyt/OISY( Ff qK1P 1-5339, 1Gj uvjxx t=t r j x r t f h t r j y n j s y t u f w n t r j s x j r z q n j v j x B Dvkmphj x t k F q s r h f q

Sx' hmfj yw 4/ t Sfz q, /66-5, /: 7Q <1myux=22 t r t w 243 48<32V3434093: 6533933353333:

Nf d s y n j / H V ( S m r a p u x / G 1-5339, 1Vh j j k j h y x t k x j s f s i n t w t s f q x y f z x t s y n j u m x r t q l r h f q v j x u t s x j y t f h z y j

ux' hnt xt hrf q xyvjxx1 Sx' hnt sjzvwjsi thvst q l ' / 64-5, / 48404: ; 1

myux=22 t r t w 243 43492 d u x' s j z j s 5338 B: B35

P j q / D 1 I 1 V M v z j r f / P 1 I 1 V S f w f s y j / F 1 P 1 V W h n f / D 1 U Y S v h j / O I K 1 V F w a j s y j w O I O V ( S t w t / M D 1 G 1-533: , 1Gj uvjxx t

j Hkyvjxxj = j Sxyj z r j s i t k j s y n u t B U j / x y f E v f x r a j n r i j S x r v z r f y w f F q s r h f / 5<xz u 4 b l x 4604: 1

myux=22 t r t w 243 48<32V48490779533: 333833337

Q | r g t s i / S 1 I 1 V ( Q | r g t s i / V 1 K 1-4<<8, 1Vh j x y w h y z v j t k s j l f y h j j r t y n s f q x y f j x = F t r u f v a x t s t k y n j G j u v j x x r t s

Ds Sij y V y j x x V h f q x 4 D W , ~ n y m y n j E j h p G j u v j x x r t s f s i D s S i j y l s j s y t v j x 1 E j n f / r t z w v j x j f v h m f s i

y n j w f u ' / 66-6, / 66806761 myux=22 u x' h s j y f u f t w 2 j h t w 24<<8068837034

P f h t z j j s / J 1 P 1 V F f r u g j q V Y P h t j s / E 1 V Y P f h i t s f q / N V D r f s t / V Y M k j / U 1 W Q f m r r f x / F V ( j t z s l / O I W 1-5336, 1

F t z w j t k r a j x x / m u u t h f r u f q k z s h y n s / f s i m u u t h f r u f q l t q r j n s r f d w i j u v j x x r t s 1 S v h j j i s / x t k

y n j Q f y n s f q D h f i j r ' t k V h j s h j x / 433-6, / 46: : 046<51 myux=22 t r t w 243 43: 62 u s f x B 66: 7: 4433

P f v y r x / E 1 J 1 V r q f / Z 1 U i f / F f r u t x / M D 1 G 1 E 1-534<1 H k h f q i j G j u v j x x t / D s x n j i f i j j H k y j x x j = u v r u w j i f i j x

u x r h t r y w h f x j u v j f q s h r i f x f l j y h n f i j x 1 M v s f q E v f x r a j n r i j S x r v z r f y w f / 9: 4, / 650741

myux=22 t r t w 243 48<32337: 053: 8333333555

P n v ~ x p / M ( U t x x / F 1 H 1-4<<8, 1V j S G r k j v j s h j x n s G r x y j x x = U j f q t w D y n f h y B D r j w h f s V t h n t q l r h f q U j / r j ~ / 93-6, /

77<079: 1 myux=22 t r t w 243 563: 253<9757

P t z y s n t / U O I G Y P f i i f q s f / Q i j F 1 S Y u t q s i / U 1 N Y Q z h h n j y n D 1 O U 1 V w g r n / V 1 K 1 F 1 V H ' j v z n j q R l i f V Y ( Q z h h n j y n

J 1-534: , 1Gj uvjxxrt s / x y j x x f s i f s S i j y n s r j i r h f q x y z i j s y x = D h v r x x O j h y n s f q h t r u f v a x t s g j y ~ j j s

x y z i j s y x k v r i r k j v j s y x j r j x j w x 1 U j / x y f i f D x t h n f t P i r h f E v f x r a j n r i j 96-4, / 5405: 1

myux=22 t r t w 243 48<324: 390<5: 506 B 4 54

P z q j s / S 1 H Y Z f q t s / Y 1 D Y U t r f s x f d f v a x t s / V 1 H V ( K j v g n x t s / J 1 S 1-4< ; , 1l r u f h y t k x j S z f q f s i u m x r h f q f g z x j t s

~ t r j s x r j s y f q n j f q m l V h j O f s h j y / 664<8<3, / ; 74Q 781 myux=22 t r t w 243 43492x347309: 69+: .<493308

R q j n r / H I V l i j / V r q f / D 1 I 1 U i f / V r q f / N 1 F 1 E i f / P t z w f / W Y 1 F 1 V D v a / D 1 O i j / ( V r q f / D 1 U 1 Y i f 1-5353, 1V y j x x f s i

n j f q m w x p g j n f | n v f r t s l z s t j w r y x y z i j s y x 1 U j / x y f E v f x r a j n r i j H k j w f l j r / : 6-4, 4Q 1

myux=22 t r t w 243 48<3233670 49: 0534: 03368

R w f s r f t S f s O r j w h f s f i j V f i j 1-5353, 1 R P V f k n r f v z j F R Y L G 04< f l t w f h f v f h j w f i f h t r t u f s i j r n f 1

myux=22~::~~ l f n t t w 2 q w 2 s i j s l u m u B t u y n s a h t r d h t s y s y l | n j ~ a f w h g ( n @ 9453 e r x f k w f O r z j O

h t | n 04<Q O l t w O h f v f h j w f i f O h t r t O u f s i j r n f ( l y j r n @ 45

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f s S i j y / f s i i j u v j x x r t s q j j q r s y n j n s y n f q x y f j t k y n j F R Y L G 04< t z y g y f p r s f u t u z d y n s x f r u g j r s y n j

s t y n j w s V u f r s 1 F f i j v s t x i j V f i j S g a n f / 697, / 40<1 myux=22 t r t w 243 48<3234350644[ 33387353

Sfi t | fs n Uli f F Y Qj z k j q / F E I P f q t s n M E f v g t x f / O I Q 1 I V V t z " f / Z 1 I i j / F f | f d f s y n K 1 D 1 I Y ( C f r j z / M i t Q 1  
- 5347, 1 Y z q j w g r n f i j j g j r Q x y f w u x n t q l n t x i t j x y z i f s y j z s h j w x y v n t 1 U j / n x y f E v f x r a j n v i j V y v f u n f x  
F t / s n y f x / 434, / 50431 m y u x = 2 i t n t w 243 B < 6824: 3: 089: : 53473335

St w y z l f q l 1 E I V f f r u t x / P 1 U Y J t s f d j x / G 1 D Y P f w M i j M J f x p / O V E t ~ j w S V G t ~ w h p / F Y ( I t w j x / V 1 - 5347, 1  
S x' h m f y w h r t v g n r y' f s i v z f a y' t k a j t k u v n f w h v f y f y j s i j w x r s y ~ t h y n j x r s E v f " r a j n v f q E v f x r a j n v i j  
S x r v z n f y n f / 964, / 560651 m y u x = 2 i t n t w 243 48 < 32337: 053: 8333333337

U r g j n v / F 1 I Y Q r t x / F 1 P 1 F Y D q / Q 1 Q Y P f w s x / U 1 O I W F t v g n h j n v / Z 1 F 1 K Y ( Q f x h n j s y t / P 1 I i t 1 - 5353, 1 S v j | f q s h j  
t k f s i l f h y t w D x t h r i y i ~ n y m G j u v j x r t s f s i D s S n j y' r s E v f " r a j s P j i n h f q v y z i j s y x 1 U j / n x y f E v f x r a j n v i j  
H z h f t P i n h f / 774, / 40 m y u x = 2 i t n t w 243 48 < 324 < 4085: 4 | 774 0534 < 34351 Q j

U r y h m j / K Y ( U t x j w P 1 - 534: , 1 P j s y f q K j f q m m y u x = 2 i t z w t w i s i f y t w 2 j s y f q n j f q m  
U n i j s / l 1 - 5334, 1 X r f h n s h r i f i n j w s f = x j S t j l s j w s f r j i n h s f i f r z q n j n t h v z "

V f i n v P 1 D Y E n s t y t / P 1 P Y ( O u u / P 1 H I Q 1 - 5343, 1 V y j x x j v z f a n f i j i j | n f = s k q s h r i i j f d z r f x | f w n | j r x  
u j x t f n 1 S f n n f U r g j n v t S y j y t , / 53478, / : 6Q 41 m y u x = 2 i t n t w 243 48 < 3234360 96 | 53433333433343

V f r u n j n v U 1 K Y f t q i t / F 1 I Y ( Q z h n / P 1 S 1 E 1 - 5346, 1 P j y t i t q l n f i j S j x v z n f 1 - 8 f j i , 1 S j s x t 1  
V j d j / K 1 - 4 < 89, 1 W j x y j x t k a j P h j v ~ O K r a j

V n j q s j / J 1 I - 5333, 16 G P U L x y z i n j x t k s j z w f s f y t r n h n f s l j x r s z s n u t q w f a w i j u v j x r t s = n j w g t k x y j x f s i  
r j i n h f q h t r t v g n r y' 1 E n t q l n h f q S x' h m f y w / 7: +, / : < 4Q 331 m y u x = 2 i t n t w 243 43492333906556-B3, 33 < < 70  
S

Y n s t q / U 1 F 1 E Y ( V z h n r / D 1 P 1 - 5347, 1 D i f u y f y t s f s i | f a n f y t s t k y n j i j u v j x r t s / f s S n j y' f s i x y j x x h f q - G D W,  
y t E v f " r a j s S t w y z l z j x j 1 n z w s f q t k D k j h y h j G a t w j w / 488 / 437043 < 1  
m y u x = 2 i t n t w 243 43492333 i 534643 B 64

Z f s l / F Y S f s / U Y Z f s / [ Y W s / ] Y [ z / O V K t / F 1 V Y ( K t / U 1 F 1 - 5353, 1 l r r j i n j y u x h n t q l n h f q v j x u t s x j x f s i  
f x t h r i y i l f h y t w i z v s l y n j r s n y f q y f l j t k y n j 534 < h t w s f | n x x i n j f x j - F R Y L G 04 < , j u n j r n h f r t s l y n j  
l j s j w i q u t u z d y n t s r s F m s f 1 S j y s f y n t s f q a z w f q t k j s / n v s r j s y f q v j x j f w h m f s i u z g a n n j f q n t 4: - 8, / 40  
581 m y u x = 2 i t n t w 243 66 < 323 w n t 4: 384: 5 <

Z n j / O I D Y \_ n j w j w V Y N n j l j w Q Y ( K f w ~ / E 1 O I - 5334, 1 D i z q t s x j y t k r f a w i j u v j x r t j i n t w j w s v j d y n t s y t j f w  
q j | n t q s y | n y n n x f y n t s = f h f x j o h t s y w q x y z i ' 1 W j C s h j y / 68: < 5; 8, / ; ; 4Q ; : 1  
m y u x = 2 i t n t w 243 43492347309: 69-B4, 393: 505

Z t w j K j f q m R w f s n f y n t s 1 - 5353, 1 G j u v j x r t s 1 m y u x = 2 i t ~ ~ ~ t n t 1 s y 2 j ~ x O v t r 2 f h y O n j j y 2 j y f n j u v j x r t s  
Z t w j K j f q m R w f s n f y n t s 1 - 5355, 1 Z t w j r j s y f q n j f q m y u t w = y f s x k t w r s l r j s y f q n j f q m k t w f a j  
m y u x = 2 i t n t 1 s y 2 g n x w j f r 2 n f s i q 243998268944 < 2 < ; < 57337 < 66: Q s l l u i k B j v z j s h j @ 4

# dObRSa WROQc j W5 G4f Wi OWjRS RSgdSRWOS Ohi O c Rc g8Og

## dgVQ \_c Uc g8Og Xi bhc Oc g8 gSb\_i hORc g8Og

FR YLG04<SDQGHP IF/UUVW/R I GHSDUWXUHDQG VKHDFWR QRI SVJ FKRQRJ LWWVXSSR UWQJ EHUHDYHG

buaúEu TyÉÉ'Éu xy gÀÓau guÉu'Óu 4UÉy'wy Zy<sup>22</sup>à dy'áÁIÀ PuÉvÀÉu 4gÍyzuÁÁ guÁI'ú"À xy Qu<sup>3</sup> ÁÁÊO<sup>23</sup> y'xu 4 duÓ'Á f ÁvyÉIÁxu g<sup>2</sup>Óu X Á'ÁÉ

Clhqvllwlv r fidos hæl UFMG.  
Gudgxdqgd hp Pvfr σ j lds hæl  
Fdfxædggh Auqdøgr. Cr qvælv:  
qd' dvlldlyld@j p dlofr p

Gudgxdqgd hp Pvfr σ j lds hæl  
Fdfxædggh Auqdøgr. E-p dlo  
j uhlfhn731@j p dlofr p

Gudgxdqgr hp Pvfr σ j lds hæl  
Fdfxædggh Auqdøgr.

Dr xw uhp Pvfr σ j lds hæl  
UFMG. Pur ihvr ugd Fdfxædggh  
Auqdøgr. P v-gr xw uqdgr hp  
Sd gh Cr dñlydqr lqvllwlv Rhq  
Rdfkrx/FIOCRUZ MIqd.

Sx'fÁÉuÉÁwuxÁHl dgd qd Culwld  
gh Sr xvd Bhuv ægr h Mdulqv

f yvvv'xÁy<sup>3</sup> H20/06/2023  
Owy'fÁy<sup>3</sup> H26/02/2024  
dÓv<sup>2</sup>wuxÁy<sup>3</sup> H23/12/2024

Q'fuÉ Sdulld, N. F. gh S., Bduer vd, G.  
K. P., Aq hlgd, S. S. gh C., & Slød  
J qlr u P. R. gd. (2024). Pdqghp l dgd  
COVID-19, uvdv gh ghvs hglgd h  
dvd r gr v/dvsvf σ j r v/dvæqv  
dr v/ v hqævøgr v/dv. Mr vdlfr:  
Ewxgr vhp Pvfr σ j l d 12(1), 167à  
180.

### f yÉÓ<sup>3</sup> À

Ewlv vñ| w exvf d dgdvdu dv p xgdq dv s ur yr fdgdv s hæl s dqghp l dgd COVID-19  
qr v uvdv gh ghvs hglgd r fr ulgr v qr fr qvñ| w kr vs lvdølv ehv fr p r vhxv  
lp sdfv v qd vd gh p hqvølv gr v idp lddlv hqævøgr v h qd su vlf d gr/d  
s ur ilwlr qdgd Pvfr σ j l d. Pdud d fr dñlv gh gdgr v, ir l xvl d dgd d wfqlf d gh  
hqvñlv lvdvhp lhwvwx ugd fr p gx dv s vlf σ j dv kr vs lvdølv gd f lgd gh Bhø  
Hr u"r qvñ/MG. A s duvugh xp d d q dñv gh fr qvñ gr, ir l s r wyhor evh ydut xh,  
qr Budvø r v uvdv gh ghvs hglgd ylyhqf l dgr v s hør v vxrlw v gl"hp uhv hlv  
t xhñv udd" dgr v qr dñlv gr kr vs lvdølv qr yho ur, ds v r elw, vqgr d  
lqvñy hq r s vlf r o j l f d f hqvølvøgr ds r l r d idp lddlv. Aghp dlv, fr qfæ p r v, d  
s duvugdv s hufhs hv gdv s ur ilwlr qdlv hqvñlv lvdv, t xh d dñlv r lp s r vø  
s hæl s dqghp l d dr v uvdv gh ghvs hglgd, vøqv hp vlvx hv gh vñup lqdøgdgh  
t xdqw ds v r elw, dihv x d vd gh p hqvølvøgr s hvr dv hqyr g l g d v. Nhvh  
vhqvgr, hqvñghp r v t xh r /d s ur ilwlr qdgd Pvfr σ j l d hwhqf l d d dñv d r  
r /d hqævøgr /d d f hlvu h vx s hvdugh ir up d vøxg y hohvø t x h eud qr f l f ø ylvø  
du<sup>2</sup>uÓÉuÉsv uÓy: COVID-19; Lxw; Pvfr σ j l d; Sd gh p hqvølv

### OvÉIÉwí

Tklv vñ| wdlp v w dgdó" h vkh fkdqj hv s ur yr nhg e' vkh COVID-19 s dqghp l f lq  
uñv r i ghs duvuh r ffxuhg dwkr vs lvdølv qvñ| w vx f k dv vkh lulp s dfw w er vk  
p hqvølv kh d v k r i p r x u l q j u h æ l y h v d q g v k h s u d f v f h r i v k h P v f k r σ j '  
s ur ilwlr qd lq r ughu w fr dñv wgdv, z h xvgh vkh vhp l-wvxfvuhg lqvñy l h z  
vñf k q l t x h z l v k v z r i h p d ñ k r v s l v d ø s v f k r σ j l w i u r p B h ø H r u " r q v ñ, v k h  
f d s l v d ø r i M l q d v G h u d l v. S v l u l a j i u r p d f r q v ñ q w d q d ñ v l v, l w z d v s r v l e d h w  
r e v h y h v k d w l q B u d " l o u ñ v r i g h s d u v u h h j s h u h q f h g e' v k h s h r s d h l q f æ g h g l q  
v k l v z r u n f r q f h u q w v k r v h f d u l h g r x w d w k r v s l v d ø h g d q g d w z d n h d i v h u g h d v k,  
d q g v k d w s v f k r σ j l f d o l q v ñ y h q v l r q k d v e h q f h q w d o w v x s s r u w p r x u l q j  
u h æ l y h v. M r u h r y h z z h k d y h f r q f æ g h g v k d w f r q v l g h u l q j v k h s h u f h s v l r q v r i  
v k h s u r i h w l r q d o l q v ñ y l h z h g, v k h d o h u d l r q l p s r v h g e' v k h s d q g h p l f r q u ñ v  
r i g h s d u v u h, d v p x f k l q v ñ u p l q d d v v l v x d v l r q v d v d i v h u g h d v k, d i i h f v h g v k h  
p h q v ø l v k h d v k r i s h r s d h l q y r g h g. l q v k l v v h q v h, z h x q g h u v d q g v k d w v k h  
P v f k r σ j ' s u r i h w l r q d o l v h w h q v l d o w k h s e h u d y h g w d f f h s w d q g r y h u f r p h  
v k l v y l v d o f ' f d e u d n l q d k h d v k ' z d'.

ZyáUÁÉxÉHCOVID-19; Mr x u l q j ; P v f k r σ j ' ; M h q v ø l v k h d v k.





**Whf c Ri c**

As v d vxd ghvfr ehud hp gh"hp eur gh 2019 qr vhuwulr fklq v, r qryr fr ur qdy uxv fkhj r x dr BudMoqd ir up d dewudgh gh qr wldv gh muqdo gxudqvn r p v gh rdqhlur gh 2020 (Rhiv, 2020). Nr gld 26 gh ihyhulur gdt xhñ p hvp r dqr ir l qr wldgr r sup hlur fdvr uhj lwudgr gr Sdur-Cry-2 qr BudMoq fr qir up h glyxg dgr shø muqdo *Fr d d gh S. Pdxø*. Tdoidw ih" fr p t x h r s d v ghl| dwh gh vhu xp p hur hvs hfvdgr ugdv qr wldf d hv gh fdvr v qd vld h qd Exur s d s dud gdulq flr d vxd muqddg ghvdwv vd h p r wihud fr p r xp gr v s d v h fr p r p dlr u q p hur gh fr qvdp lqdg r v/dv h elwv shø y uxv qr p xqgr. A hwv uhvshlw, fdeh gh wdf dut xh, hp p dur gh 2022, r s d v d d q r x r q p hur gh 29,9 p ldk hv gh fdvr v gh fr qvdp lqd r shø y uxv h 660 p lo elwv, r t x h hvfdqf dur x xp qhj dflr qlvp r flhqwilfr vxwlvudgr qr glvf xur gh idar v/dv *h/s huv* (gh ghqwr h gh ir ud gd vd gh), qd vhdwylgdgh flhqwilf d h qr xvr gh ghv xus d hv. Fr l sr wyho revhyduwgr lwr qd h wudwj ld dgr v d g d shø j r yhuqr Br ør qdur : r fdr v lqvwv flr qdofr p r p wgr (Vhudv, 2020), fr ø fdqgr hp uvfr d ylgd gh p ldk dhv gh flgdg r v/ v eudvhlur v/dv. Ndt xhñ fr qvñ| w, d sr ødu" d r fudgd shø hqwr j r yhuqr er ør qduwv hqwn v d g d y l g d v *y hux v v d g d u d* hfr qr p ld, t x h wv r w s l f d gh xp d r ughp qhr dehudos d x v d g d qd v h f x u w" d r gd vd gh j ø edo (Nxqh, 2020), fhli x d ylgd gh p ldk dhv gh eudvhlur v/dv sr up hlr gr lp shgip hqwr dr glhlw xqlyhudo uhv lud r (Mehp eh, 2020).

Cr p r v h hylghqfld, d s dqghp ld gh COVID-19 ir l p duf dgd vxewdqfldq hqwn shø gli flofr qvñq r gd v d q v p l w l e d g d g h g r y u x v, i ø j h ø t x h d ø h u r x s u r i x q g d p h q v n d f d u w j u d i l d s r ø v f d, h f r q p l f d, f x ø x u d o h v r f l d o g d v g l i h u q v n v f l g d g h v e u d v h l u d v, e h p f r p r l p s v d r v/ v j h w v u h v d v s ø d f r v d v l q p h u r v g h v d i l r v u h ø f l r q d g r v w p d g d g h g h f l v h v, v ø l v f r p r : d v h w u d w j l d v g h l v r ø p h q w v r f l d o r i h f k d p h q w g r f r p f l r, d f u d r g h p d f r v q r u p d v y r v, d r u j d q l" d r g r v l w n p d v g h l q i r u p d r h y l j l o q f l d, d j h w v r h d d p s d d r g r v l w n p d g h v d g h h d f r p s u d g h l q v x p r v h h t x l s d p h q w v (Aqgudgh h w d o, 2020), g h q w n r x w r v. E p u h ø r f d u w j u d i l d f x ø x u d o h v r f l d o d s d q g h p l d g h C O V I D - 1 9 s u r g x " l x s u r i x q g d v w d q v i r u p d h v h p k e l w v r x w r u d f r q v r d g d g r v q d v v r f l h g d g h v r f l g h q v l l v, f r p r q r f d v r g r v u w d l v g h g h v s h g l g d h d y l y q f l d g r ø w g l d q v n g d p r u n. T d l v p x g d q d v q r v u w d l v d ø h u d u p, v ø p e p, r f r v l g l d q r g h w d e d d r g h s u r i l w r q d l v g h v d g h t x h d x d u d p q d d q k d g h i u h q v n g d C O V I D - 1 9, g h q w n h ø v d v r v d v s u r i l w r q d l v g d P v f r ø j l d.

Awlp, qhwn vñ| w exvf dp r v d q d d v d u d v p x g d q d v s u r y r f d g d v s h ø s d q g h p l d g h C O V I D - 1 9 q r v u w d l v g h g h v s h g l g d r f r u l g r v q r f r q v n | w k r v s l w ø d u h r v v h x v l p s d f w v q d v d g h p h q v o g r v i d p l d d h v h q ø v ø g r v h q d s u w f d g r / d s u r i l w r q d o g d P v f r ø j l d. P d u d d d f d q d u p r v v ø l o r e r h v y r, u h d d" d p r v x p ø y d q v d p h q w g h d u l j r v f l h q w i l f r v q d v v h j x l q v n e d v h v g h g d g r v: P h u l g l f r v E d h v ø q l f r v g h P v f r ø j l d (PhPSIC), SfIELO à SfIhqvlf Edhfwr qlf Lleudl Oqdqgh, Gr r j ø Sfkr r ø l u h B l e d r v h f d V l u x d o h p S d g h, d s d u l u g r v g h v f u w u h v Ø d g h p h q v o d q g i d p l d d h v i; Ø d g h p h q v o d q g ø w i; Ø d g h p h q v o d q g i d p l d d h v d q g s d q g h p l d i; Ø d p d d d q g v d g h p h q v o d q g f r y l g i; h Ø l w d l v g h g h v s h g l g d d q g f r y l g i. U w d" d p r v r v i l ø v s d u d r w x ø h r u h x p r; s d u d r l g l r p d s r u x j x v; s d u d d v u h d v g d v f l q f l d v k x p d q d v, v d g h h f l q f l d v v r f l d l v d s d f d g d v; h s d u d r v d q r v g h 2020 h 2021. A s d u l u g r u h v x ø d g r g d v s h v t x l v d v, u h d d" r x - v h d ø l w u d g r v u h x p r v h, h p d ø x p d v v l w d h v, g r d u l j r f r p s ø w. D h p r g r h i h v y r, i r l h p s u h q g l g d x p d ø l w u d p l q x f l r v d g h w g r r p d ø h u d o f r ø w d g r à v h q g r 8 r q p h u r g h d u l j r v t x h g l d ø j d y d p g l h v d p h q v n f r p r

Whp d gd shvt xlv d à, r t xdoir l xlv d" dgr fr p r edvh sdud d thylv r wh lfd, d fr dwh h d dq dwh gh gdgr v. Tdp e p ir udp uhdd" dgdv hqwhylw dvh p lhwv xlv dgdv fr p gx dv s r ilwlr qdlv gd Pvifr o j ld t x h d v x d d p q r fr qv h | w kr vslw d d u gxudqv h d s dqghp ld gh COVID-19, r t x h qrv s r wleldv x d fr dwh gh gdgr v h, s r whulr up hqvh, d v x d dq dwh.

Ov dlv gh ghvs hglgd s dñf hp fr qvwluxp d vr dñlgdgh ixqgdp hqvdo yly qfId gr αw, vñd hñ dqvñfIs dwuld r x s v-pr uñ, d txdop xlvñ yñhv sr gh lp s dfvñ lqf αvlyh, d hñder ud r gd gr u h gr vr iup hqv ylyhqfIdgr v. O t x h s dñf h gliñhñfIdudv gxdv s huvs hf vñdv r idv gh t x h, qv αw dqvñfIs dwulr, d shvrd t x h hww p r uñhgr vñp e p vñ ehqhñfId gr v hñhñv gd ghvs hglgd, s r lv hñ vñ w uqd fds dñ gh dñdq duvñdq xldgdgh hp vñxv p r p hqv vñlqdlv (Llve d & Cuhs dñl, 2003).

Pdud Llive d (2002), r v u x d l v g h p r g r j h u d o x q f l r q d p f r p r x p d p d q h l u d g h u h g x " l u d d q v l h g d g h  
 h p u h d r p x g d q d t x h h w w s d u d r f r u h u (s. 27). A w l p , x p d g d v i x q h v g r v u x d l v u h d f l r q d g r v  
 p r u h f r q i r u d u r v / d v r e u h y l h q v n v d r i d d u p r v v l p e r d f d p h q v n v e u h r v h q v l g r g h d h , v d p e p , g d y l g d  
 (S r x " d & S r x " d , 2019). N d s h u s h f v y d d q w r s r o j l f d , r v u x d l v t x h h q y r g h p s h u g d h v h q v l p h q w v q h j d w y r v  
 i d " h p s d u h g h x p s u r f h w r g h u h r l r g r l v r d p h q w h , q r f d v r g r v u x d l v i x q h u d r v , s r u h l h p s o ,  
 h q y r g h p d u h l q v n j u d r g d t x h d v / d v r e u h y l h q v n v q r f r q v n l w f r p x q l w u r . (L l i v e d , 2002).

O  $\alpha$ vr sr gh lp s dfvdu gh gliuhqv hv p dqhlud r vxrhv, vhj xqgr Mdut xhv (2015). Dldqv gh xp d shugd hp r flr qdovlj qliifdv, d shvwr d qhf hwlvd s dwdus h s r f hwr gh d xwvlp hqv d xp d q r yd uhd dg d gh. S r fr p xqv uhd hv hp r flr qdlv, i v f dv h fr p s r u vlp hqv dv, s r u p , dlqgd t x h w gr v / dv i dv vlp hqv y r fr qylyhu fr p vdv flufxqw q f dv, d h | shu q f dv gr s r f hwr gh  $\alpha$ vr q f d. Eqtxdqvr xp d s d f h d lp s r u vlv gr v lggly g x r v, gh 80% d 90%, yd l u r y d q l " d u v h gh p dqhlud dg d s vlv, vhp s u h r f x s d r foqlf d, r x w d l u y l y h u x p  $\alpha$ vr fr p s d f d gr (Mdut xhv, 2015), p h g l d q v d h | l w q f d gh xp d f h u d g l i f x q d g h q d h d r u d r g d u h d g d g h g d s h u d . P d u d h w d vlp d s d f h d , r v d vlp hqv , s r l v, gh h | v h p d u h y q f d s d u d r d o y l r g r v l q v p d v.

O ɔw fr p s d f dgr f d d f v n d " dgr s h a d g h v r j d q l " d r t x h l p s h g h r l q g l y g x r g h u h w p d u d v l y l g d g h v f r v l g d q d v d s v x p v n p s r s u r a q j d g r (F u d q f r , 2010). N h w h s h u r g r , f r p r d s r q v a p B u d " & F u d q f r (2017), s r g h p h w a d u s u h v h q v n p d q l i h w d h v t x h l q f a h p " h | s u h w r g h v h q v p h q v v l q v h q v r v t x h s h u l v n p p h v p r p x l w v n p s r d s v d s h u g d ; v r p d w " d h v i u t x h q v n v ; p x g d q d v u d g l f d l v q r h w l a r g h y l g d t x h v n g g h p d r l v r a p h q v ; h s l v q l r v g h s u h w l y r v ; e d l | d d x w h w l p d h l p s x a r d x w g h w a x v l y r " (s. 95).

Ep s hvt xlv d uhd dgd mqr d idp lduhv t xh s dwdydp s h d l p l q qfld gh p r u h s u | p r v d v h x v h q v t x h d g r v k r v s l v d d g r v, L l v e d & C u h s d a g l ( 2 0 0 3 ) s x g h u d p y h u l f d u d h i l f f l d v h u d s x v f d g r a v r d q v f l s d w u r i u h q v h p l q l p l d r g r v r i u p h q w g r i d p l d u h q a v d g r . N h w h f d v r , r v u v x d l v d q v h u r u h v p r u h s h u s d w d u p d r u d d g d g h , f r p r s h g l g r v g h s h u g r h d j u d g h f l p h q w v , e h p f r p r d f r p x q l f d r q r y h u e d o f r p r r j h w r g h h w d u m q w d r a q j r g r u d v l p h q w h q r l q w d q v h g d p r u h . T u d h u r x w r v i d p l d u h v s d u d v h g h v s h g l u p v l p e p f r q v u e x l x s d u d r d o y l r g r v r i u p h q w , h , h p f r q m q w , k r x y h x p d i r u h s u h v h q d g r f d u v h u u d j l r v r , u h s u h v h q v d g r q d d h v x u d e e d f d , q d v r u d h v h q d h | v h p d x q r , l q l f l d v y d v h w d v t x h g h q r v d y d p d a v x u d d r i g l y l q d s d u d t x h r h q v h t x h d g r s d u l w h . O v u v x d l v g h g h v s h g l g d , h p v x p d , i l h u d p g d p r u h x p d h | s h u q f l d f r p s d u l d d g d h s u s r u f l r q d u d p r d o y l r g h v h q v l p h q w v q h j d v l y r v , f r p r d f x a d h r d u h s h q g l p h q w .

Awlp, hp wlofrqwh| w d lqwhuyhq r g -vh qr vhwlggr gh wledddkdu mqw dr v idp ldduhv h dr v/ v s dflhqwhv srwyhlv shqg qfildv qr thæflrqdp hqw, fr p r ilp gh ruhqw-σv vreth ghvs hglgdv, dj udghfip hqwv h s hglgrv gh s hug r hyhqw ddp hqwh qhfhw urv. Ep vxd su vlf dfoqlfd kr vs lvdly Llve d & Cuhs dægl (2003) revhyddp d lp sr uwqfld gd lqwhuyhq r svlfr o j lfd fr p r sr wleldgdgh gh p lqlp l" dud gr u h r vr iulp hqw dgylqgrv gr ur p slp hqw gr v y qfxσv hqwh t xhp p ruh h vhxv hqwhv t xhulgrv, r v t xdlv sduhfhp ghvhrdur dglp hqw gr p r p hqw gd p ruh.

Tr gdyld, qr dxj h gds dqghp ldt xh dvr σ x r s ælqhvd hp dqr vthf hqwhv, dxuj qfild gd fr qwhq r gd glwhp lqd r gr yuxv Sdu-Cry-2 (COVID-19) sur p ryhx r lvr æp hqw i vlfr gr v lqgly gxr v, r v t xdlv ghvgh hqwr s dwddp d h| s hup hqwdud thr uj dql" d r gdw lqwhud hv vr fldlv, dj r ud p dlvr ir uwhp hqwh s dxvlgdv qdv thæ hv yluxdlv gr t xh qd fr us r uhlgdgh. Pr ufr qvht x qfld, fr qir up h vddhqvdp Cuhs dægl hwdo (2020) h Ndvflp hqw hwdo (2020), r v uxxdlv gh ghvs hglgd vdp e p vrihddp dæhnd hv. Ewddwj ldv fr p r fduvæ hvf uvdv s hσv idp ldduhv h dgdv s hσv/dv dj hqwhv ixqhu ur v/dv qd kr ud gr hqwhur, r v yho ur v h dv ylvædv yluxdlv, ehv fr p r rvp hp r udlv glvs r qleld" dgr v s hσv idp ldduhv qdv thghv vr fldlv, s dwddp d vhuuxld" dgdv gh ir up d d dwhj xudu d r fr u qfld gr v uwr v gh s dwddp hp, gh dfr ugr fr p Ddq" p dqg hwdo (2021) h Ndvflp hqw hwdo (2020).

Ep wgr f dvr, vhj xqgr Odyhlud-Cdugr vr hwdo (2020), d lqylde ldgdgh gr v wdgflr qdlv uxxdlv gh σw s uhvqfldlv lp s d fvd d fr qf uhl" d r gd s hugd, r t xh, s ruvxd yh", idyr thf h d yly qfld gr σw fr p s d f dgr. Dhwd ir up d, vhj xqgr r v dxw thv, qr fr qwh| w s dqg p lfr, r vr iulp hqw gr idp ldduhqσv dgr s dvr x d gduvh q r ds hqdv fr p d p ruh gr hqwh t xhulgr, p dvvdp e p qr ghfr uhugh wgd d vlx d r dws lfd. Cr qvægr, dr vxj hulu d yly qfld gh xp σw vlp e dfr i, Hr uwhj dv & Sdqwr v (2020) df uhglvdp t xh d idæd gr fr us r p dæhdd" dgr s r gh vhuvs ugd r x dp hql" dgd sr ughp r qwæd hv gh fduqkr h dihw p hp ud gh t xhp s duæ. Avkr p hqdj hqvs r ghv, σ j r, wæ" huxp d hvs flh gh qyr r ddu t xh d v/dv t xh ylyhp hwh p r p hqw.

Pr ghv r v revhydu qhwh vhwlggr, xp d p xgdq d udlgldo qr vdehuid" hu gr v/dv s ur ilwlr qdlv gd Pvfr σ j ld qr fr qwh| w gd COVID-19, hp t xh r wledddr gh vhwvæup lqlp l" dud gr u h r vr iulp hqw vdwgr gr/d s dflhqwh t xdqw gr v vhxv idp ldduhv h gh r xwæd s hvr dv gr hqw ugr ir l gudvlf dp hqwh dæhndgr gxudqwh d s dqghp ld, vhp d sr wleldgdgh gh j r "dhp gd sr wleldgdgh gh lqwhur p s hur x ghvdf h d uduvxdv dlylgdghv, xp d yh" t xh h d v/dv fr qvæ d p xp j ux s s ur ilwlr qdofr qvghudgr hwhqfldoh t xh q r s r gld dæhghudr f kdp dgr gr Ølt xh hp f d vdi (Thl| hlud hwdo, 2020). Cr p sr qgr r t xh v h fr qkhf hx fr p r s ur ilwlr qdlv gd dækd gh iuhqwh gd COVID-19 qd uhd gd vd gh, r v/dv s vlf σ j r v/dv lyhddp vhx fr vlgldqr s ur ilwlr qdoqr w uddp hqwh dæhndgr s hæ s dqghp ld, r t xh r v/dv i h" h| s hup hqwdv hqwp hqwr v h hp r hv t xh ydudddp hqwh r p hgr gd fr qvæp lqd r, r p hgr gd p ruh, r khur vp r gldqwh gr dvr gh v d yduylgdv h dw p hvp r v ur v dj udyr v hp vxd vd gh i vld h p hqvæd fr p r qr f dvr gdv f uwhv gh dqvlhg dgh, gd ghs uhw r, gr S qgur p h gh Bxur xwgd S qgur p hgr P qlfr, gd S qgur p hgr Ewæhwhv P v-Tudxp vlf r hgr dw glr p r udo (Fhuqdqgh" & Lr wæ, 2020).

Dhwd ir up d, r s uhvqwh wledddr gh s hvt xlv d thdd" dgr v h æwælf d s hæl lp sr uwqfld gh v h p ds hduv hihlwv vr fldlv, fxææudlv h s vlfr o j lfr v s ur gx" lgr v s r ux p d f uwh v dqlwud æ p dv fr p ir uwh v h r us r ovlfr qr f dvr eudv d h r æ v r euh dv h| s hu qfldv s vlfr vr fldlv ylyhqfldgdv s hσv vx r hlv v hp vlx d r gh σw hp p hlr dr fr qwh| w s dqg p lfr, ehv fr p r gr v/dv s ur ilwlr qdlv gr fxlgdgr t xh v h fr σ f dddp qd dækd gh iuhqwh, fr p vhx fr us r h vxd vx r hlv ylgdgh, s dud d fr qwhq r h d dp r uhl" d r gr v glyhuv hihlwv j hudgr v. Evs hudv h

t xh, fr p lwr, s r wdp vhufr qwv gr v q r y r v d e h u h v h i d " h u h v s v l f r o j l f r v t x h r u h q v n p d s u v l f d g h w h v / d v s u r i l w l r q d l v h p f r q v n | w g h f u l v h.

## a Shc Rc \_c UW

Cr p r r e r h v l y r g h d q d d v d u d v p x g d q d v s u r y r f d g d v s h a d s d q g h p l d g h COVID-19 q r v u w x d l v g h g h v s h g l g d r f r u l g r v q r f r q v n | w k r v s l v a d u h r v v h x v l p s d f w v q d v d g h p h q v a l o g r v i d p l d d u h h q a v a l g r v h q d s u v l f d g r / d s u r i l w l r q d o g d P v l f r o j l d, f r q i r u p h g h w a l f d g r d q v n u r u p h q v n, i r l i h l w x p d y d q v a l p h q w g h d u l j r v v r e u h r s u r e d i p d g h s h v t x l v d f r p r v s u r s v l w v g h 1) h a d e r u d u x p d d e r u g d j h p f r q v n | w x d d " d g d g r s u r e d i p d h 2) d q d d v d u s r w y h l v f r q v n g r v e l e d r j u i l f r v t x h s r g h p e h q h i l f l d u r u h i h u q f l d o v n u l f r g d s u h v h q v n s h v t x l v d (A g h v - M d " " r w l, 2012). B x v f d p r v, f r p e d v h q h w d v s u h p l w d v, h | s o u d u r f r q k h f l p h q w s u r g x " l g r h l u d o p g h d, d s d u l u g r h w a l e h d f l p h q w g h q r y d v f r q h | h v h g d s u r s r v l r g h q r y r v v n p d v h s u r e d i p d v t x h s r w d p y l u d f r q v l e x l u h h | s d q g l u d v d i l w x u d v h d q d v h v (G d o y r, 2010).

A f r d h v l g h g d g r v i r l u d d " d g d p h g l d q v n d x l d " d r g d w f q l f d g h h q v h y l w a l v h p l h w a v x u d g d f r p g x d v s u r i l w l r q d l v g d P v l f r o j l d t x h d v d u d p q r f r q v n | w k r v s l v a d u g x u d q v n r s h u r g r g d s d q g h p l d g h COVID-19. A h q v h y l w a l, i r u p d g h d e r u g d j h p f x r d i l q d d o g d g h f r q k h f h u d v s h f w v g d v h | s h u q f l d v h v x e r h v l y l g d g h v g r v / d v h q v h y l w a l g r v / d v, q r v h q v l g r g h i d y r u h f h u d v f r q g l h v g h p h d r u l q v n u s u h v l r g r v f r q v n | w v h w x g d g r v (S l o y d h w d o, 2006), w u d - v h x p d i h u d p h q v a l t x h i d f l d v d f r p s u h q v r g h v a d d g d g h x p g h v n u p l q d g r v n p d t x h, v a l o f r p r u h w d a l p B d l w a l h w d o (2017), O h t x h u x p s a d q h a d p h q w s u y l r, h d p d q x v n q r g r f r p s r q h q v n v l f r h | s u h v r s h a l h v f r d d g r s d u l f l s d q v n, g r h q v h y l w a l g r u g r o f d o g r p r g r x p h v p r g r p r p h q w s d u d v x d u d d " d r i (s. 09).

Av h q v h y l w a l g d v i r u d p h v f r d l g d v d s d u l u g d e x v f d d v l y d i h l v l s h o v s h v t x l v d g r u h v s h v t x l v d g r u d v g h s u r i l w l r q d l v g d P v l f r o j l d t x h v a d e d d u d p q r f r q v n | w k r v s l v a d u g x u d q v n r s h u r g r g d s d q g h p l d g h COVID-19 u d d " d q g r d v n q g l p h q w d s d f l h q v n v h v h x v i d p l d d u h. P r u x p d d p l w l r g h v n p s r s d u d h | h f x r g d s h v t x l v d, h w a l e h d f h x - v h r f u l w l r g h g x d v s h w r d v h q v h y l w a l g d v. A s d u l u g h x p u r v n l u r v h p l h w a v x u d g r, d v h q v h y l w a l v i r u d p u d d " d g d v q r p v g h r x v x e u r g h 2021, d v d y v g d s a d v a l i r u p d r q d q h G r r j d M h h w f r p d g x u d r d s u | l p d g d g h g x d v k r u d v f d g d. A q v n g r l q f l r g d h q v h y l w a l, i r l d g r r T h u p r g h C r q v h q v l p h q w L l y h h E v f a l h f l g r h r f r q v h q v l p h q w g d v h q v h y l w a l g d v i r l j u d y d g r, p h g l d q v n d x w u d " d r. Av s h j x q v a l v i r u d p g l y l g l g d v h p 04 e o f r v, v h q g r r v g r l v s u p h l u r v u a l f l r q d g r v d r f r q v n | w d q v n u r u s d q g h p l d h r v g r l v o l p r v, d r f r q v n | w g d s d q g h p l d g h COVID-19.

A s u p h l u d h q v h y l w a l g d, A q d (q r p h i l f w f l r), v n p 52 d q r v h j u d g x r x - v h h p 1994 q r f x u r g h P v l f r o j l d. P r w x l h v s h f l d d " d r h p D h s h q g q f l d Q x p l f d, P v l f r s h g d j r j l d h C x l g d g r v P d d v l y r v. D x u d q v n d s d q g h p l d g h COVID-19, A q d d w r x h p g r l v k r v s l v a l v s e d f r v g d f l g d g h g h B h o H r u " r q v n / M G. A v h j x q g d h q v h y l w a l g d, M d u d (q r p h i l f w f l r), v n p 44 d q r v h j u d g x d g d h p P v l f r o j l d g h v g h 2010. T h p h v s h f l d d " d r h p P v l f r o j l d H r v s l v a l u, N h x u r s v l f r o j l d h T d q d w o j l d. D x u d q v n d s d q g h p l d g h COVID-19, M d u d d w r x h p x p k r v s l v a d i l a d q w s l f r g d f l g d g h g h B h o H r u " r q v n / M G. Av g x d v s u r i l w l r q d l v h q v h y l w a l g d v v a d e d d u p s u h v a l q g r d w l w w q f l d s v l f r o j l f d q r d p e l h q v n k r v s l v a d u h d v d u d p g x u d q v n r s h u r g r s d q g p l f r. Av s v l f o j d v s r v x h p h | s h u q f l d v g l y h u d v q r f r q v n | w k r v s l v a d u v a l v f r p r h p f x l g d g r v s u r j u h v l y r v, h p s u r r h v v g h p x v l f r v n u d s l d h f l q h p d v n u d s l d s d u d s d f l h q v n v g h o a j d l q v n u d r, h p j u x s r v g h i d p d d v h

dhqglp hqwr v lqglylxdlv, qd xij qfld h qd hp hj qfld fr p dhqglp hqwr v v idp ddr h dr v/ v s dflhqvnh lqvludgr v/dv s r uvdxp dv, vldqwr uqr v s vlt xl vldfr v, vnhqvlydv gh vxf glr h hp dfr p s dqkdp hqwr gh p v qrwfldv, fr p r dp sxvd r, vht xhævj udyhv h elw.

Av hqwhylwlv ir udp j udygdv fr p dxw u" d r gdv hqwhylwlv gdh, s r whur up hqv, vldqv ulv s dud d xvd" d r qdv dq dhv gd s uhvqvh s hvt xlv. O p dhvldovldqv ulw uhv hlv r hvlw h d daj xdj hp fr s t xldo gdv hqwhylwlv gdh, h r v q r p hv gdv p hvp dv dt xl ds uhvqvlgr v v r ilf wlv.

Ep thæ r dr v s r fhglp hqwr v vfr v dgr vldgr v qd fr dhv gh gdgr v, fdeh gh wlv dut xh ds hvt xlv d r l ghvqyr gldgr q r s hur gr gh 05 p hvhv h t xh d lqvwl r gh hqlqr t xdo r v s hvt xlv dgr uhv h dv s hvt xlv dgr udv hwr ylf xægr v hqfr qvdyd-vh hp s r fhwr gh fr qvwl r gh xp fr p lw gh vld hp s hvt xlv d s u s ur, r t xh w uqr x lqyl yhod ds uyd r vld s r uxp fr p lw. Nr hqvldqwr, fr p r v h vldv gh xp d fr dhv gh gdgr v t xh hqyr ghx d hqwhylwlv gh s r ilwlr qdlv gd Pvfr s j ld fr p r r e h v y r gh fr qkhf hu x d s u vld s r ilwlr qd fr p s uhqghp r v t xh r v uvr v hqyr gldgr v ir udp p qlp r v. Mhvp r dwlp, fr qir up h vxj hulgr s r u Mdldughv & Cdydkr (2019), dxw gh fælv r v r v v h j xlv h v s lqf s l r v h s r fhglp hqwr v vfr v dgr vldgr v q r s r h v r: 1) fr qvhlv hqwr gr v(dv) s dvlf l s dqv h v: dv s r ilwlr qdlv ir udp fr qvælv dv vr e h r lqv h v h v h p s dvlf l s du gd s hvt xlv; 2) r e v h q r gh s h p l w r gh dxw l d g d h v: dv hqwhylwlv ir udp ghylgdv hqv dxw u" d g d v s h æ f r r u g h q d r g d i d f x æ d g h h s h æ f r r u g h q d r g r f x w r; 3) d q r q l p d w h f r q i l g h q f l d d g d g h: dv s r ilwlr qdlv ir udp dylv d g d v d f h u f d g r d q r q l p d w h g d f r q i l g h q f l d d g d g h g r v h x v g d g r v s h w r d l v g x u d q v h w g r r s r f h w r gh fr dhv gh gdgr v, d q d v h h s x e d f d r g r v u h x æ d g r v; 4) e h q h i f l r v: fr p r e h q h i f l r v h f x q g u r v, f r q v l g h u d p r v d d p s d d r gh fr qkhf l p hqwr v h d f r q v l e x l r s d u d d i r u p d r gh i x w u r v(dv) s r ilwlr qdlv gd Pvfr s j ld; 5) uvr v: d hqwhylwlv q r j h u r x q h q k x p v l s r gh uvr gluhw s dud dv hqwhylwlv gdh; h 6) glðp dv vfr v ylyhqf l d g r v: q r i r u d p l g h q v l f l d g r v g l ð p d v vfr v h g h v h v s h l w v g l j q l g d g h g d v hqwhylwlv g d v d r s q j r g d u h d d" d r g d v hqwhylwlv.

Pdud d d q d v h d d g l v f x w r g r v g d g r v, d g r v l p r v r v s l q f s l r v g d A q d v h g h C r q v h g r s u r s r w l s r u B d u g l q (1979), fr p r r e h v y r s u h f s x r gh hqfr qvdu h j x æ l d g d g h v q r v g d g r v fr dhvldgr v h, d s d u l u g l w r, f r q w w l u h d s u h v q v l u f r q f h s h v d f h u f d g d s u r e d p v l d h w x g d g d. Cr qir up h gh wlv d d dxw u d, h v d v u h j x æ l d g d g h v f r q v l x h p d j u s d p h q w v g h h d p h q w v f r p v l j q l i l f d g r v s u | l p r v, g h i r u p d d g d u r u j h p d r t x h q r p h d g r f r p r f d v h j r u d v g h d q d v h. Pdud l w r, q d s u p h l u d h v l s d, d v hqwhylwlv vldqv ulv ir udp vxep hvlgdv d x p d d h l v u d i æ v d q v h, d f r p s d q k d g d g d q r v l r gh h d p h q w v u h f r u h q v h v q d v i d æ v g d v g x d v hqwhylwlv g d v, r t x h r u j l q r x d v x q l g d g h v g h u j l w r gh v h | w. Ep v h j x l g d, q d v h j x q g d h v l s d, h v d v x q l g d g h v g h u j l w r gh v h | w, j x l d g d v s h æ v k l s v h v h v h u i h u q f l d v g d s h v t x l v d, i r u d p d j u s d g d v h p g x d v f d v h j r u d v g h d q d v h, d v t x d l v f r q g h q v d p v h q v l g r v h v j q l i l f d g r v s u | l p r v, d v d e h u d v j q l i l f d g r g r v u v x d l v g h g h v s h g l g d s d u d d h æ l e r u d r g r æ w i h d æ h u d h v q r v u v x d l v g h g h v s h g l g d, l p s d f w v s d u d d v d g h p h q v l o h d d w d r g r / d s v l f s j r / d i. Nd v h v h l u d h æ l p d h v l s d, s u r f h g h x - v h r v d v l p h q w g d v f d v h j r u d v g h d q d v h, v h q g r h v h r p r p h q w gh l q v h u s u h v l r f u v l f d h u i d h | l y d, r x v h r d, r l q w l d q v h g h d u l f x æ l r h q v h d i d æ g d v hqwhylwlv g d v, d v l q v l h v h l q i h u q f l d v g r v s h v t x l v d g r u h v s h v t x l v d g r u d v h d v s u r s r v l h v m d f h l v d f r p r y h u g d g h l u d v q d d v h u d w u d.

**RWQi gg c**

A dq dvh d vhj xluvhp dld' d d glvfxw r gr v gdgr v r evlgr v mqv v hqwhylwalgdv α" gh fr qfhlwv vud"lgrvs hæl uhylv r vñ ufd, vdlv fr p r: vñup lqddgdgh, αw dqvñf ls dw ur, uwxdlvixqhu ur v h αw s dw o j lfr. Eæl vñ fr dgxqd fr p r v r rñvlyr v dt xl ghvñup lqddgr v h, s r ulwr, vud", s dqf ls ddp hqvñ, d s dwlugdv s hufhs hv gdv hqwhylwalgdv, r vñ qllif dgr gr v uwxdlv gh ghvs hglgd s dud d hæl ur r gr αw, dv p xgdq dv qhwhv uwxdlv s ur gx"l gds hæl s dqghp ld gh COVID-19, r v lp s dfw v ghvwlvd vd gh p hqvlogr v idp ldduhv hqαwlgv h d s r w y hlv dxd hv gr v/dv s vlf σ j r v/dv gldqvñ gr txdgr t x h vñ gh d q h r x. A glvfxw r, s r uwlqwr, vñ uhd d' dgd d s dwlugdv gx dv f dñ j r u dv gh dq dvh fr qvwx gdv s r ulqvñup glr gd dulf xæl r hqvñ dv idælv gdv hqwhylwalgdv, dv uihu qf l d vñ ufdv fr p s l æ g d v h r r e rñvlyr gh s hvt xlv d.

*O vñ qllif dgr gr v uwxdlv gh ghvs hglgd s dud d hæl ur r gr αw*

Ov uwxdlv gh ghvs hglgd v r hwhqf ldlv s dud d hæl ur r gd s hugd gr hqvñ t x h u l g r. Edñ ydudp gh dfr ugr fr p d v r f l h g d g h, d f x α u d h d u d j l r, p dv, qd h w q f l d, v r l p s r uwlqvñv s dud s udlf dp hqvñ wgd d kxp dqlgdgh q r t x h g l" u h s h l w t x h w r h p r f l r q d o g h d f r u g r f r p d s u p h l d h q w h y l w a l g d, A q d. A vñ x q g d h q w h y l w a l g d, M d u d, q r v dñ p e u d g h t x h r v u w x d l v g h g h v s h g l g d v h y h p s d u d g d u l q f l r h æ l e r u d r g d s h u g d, p d v r α w f r p h d d s d u l u g d q r w f l d, h j h u d p h q v ñ d j x q v s u h f l v d p d e u d d u h f r q y h u d u f r p r f r u r. A w l p, g h d f r u g r f r p h æ l, r v u w x d l v p d u f d p r s u r f h w r g h d f h l v d r, f r p r dñ p e u d p N d v f l p h q w h w d o (2020). O h q vñ u r, s r u h l h p s σ, dñ y d v s h w r d v d g l" h u p Æ l f d e r x i:

Ov yho ur v h w r p d u f d q g r r s u r f h w r g h d f h l v d r. [...' N r v y h o u r v t x h y r f v y r, t x d q g r d s h w r d f u h p d g d r x t x d q g r h æ l h q vñ u d g d, y r f v m r x y l u d p h w d i u d vñ: "q r w d, d j r u d d f d e r x"? [...' O x vñ u d, r u w x d o l p s r uwlqvñ s dud t x h d i d p d d h q vñ j x h h w h f r u r s d u d p r uñ. (Mdu d)

S r y u r v r v u w x d l v s v p r uñ, g h d f r u g r f r p M d u d, v h q g r t x h h p q r w r s d v d v s u v l f d v h w r h p f r q r q q f l d f r p x p d v d g l r i r uñ p h q vñ f u w:

Nr B u d l o r q r w r u w x d o i h l w e d m f d p h q vñ q r v y h o u r v, p d v vñ p y u d v i r u p d v g h u w x d l v h d i d p d d s r g h h v f r d h u r v h x. T h p r v u w x d l v k l a g x v t x h g x u d p t x d w r g l d v. E dñ i l f d p i d" h q g r g d q d v h p y r o d g r f r u r, d f h q g h p w f k d v, [...' g h s r l v h d v q r h q vñ u d p, h d v m j d p q d j x d [...'. [N r v E w l g r v U q l g r v... vñ p x p d f r l v d t x h d j h q vñ q r i d" d t x l, q ? x p u w x d o r q g h d v s h w r d v j h u d p h q vñ y r s d u d d f d v d g r i d d f l g r h f r p h p [...' h g h s r l v vñ p x p p r p h q w h p t x h d j x p y d l i d æ l u d j x p d v s d æ l y u d v r e u h h w d s h w r d. T h p α j d u h q r O u l h q vñ t x h, s r u h l h p s σ, h d v f r p h p r u d p d p r uñ, h d v u h p, h d v e u q g d p, i d" h p x p d i h w d [...'. E q w r h d v f k r u d p t x d q g r d j x p q d v f h h i d" h p i h w d t x d q g r d j x p y d l h p e r u d. (Mdu d)

P d u d A q d, r v u w x d l v g h g h v s h g l g d u s u h v h q v l p d h æ l e r u d r g r α w h, t x d q g r q r k, f r p r vñ i d æ l w h d j r: Æ m x l æ v y h" h v r v x r h l w r, t x d q g r h d q r vñ p h w d g h v s h g l g d, q r vñ p h w h u w x d o f r p r vñ i d æ l w h d j r d d s d u d h d. E q w r p x l æ v y h" h v l w r s r g h l p s d f v l u q d v d g h p h q v l o q r h p r f l r q d o q r α w f r p p d l v g l i f x æ d g h i (A q d). S x d d x v q f l d s r g h l p s d f d u x p α w g l i f l æ f r p s d f d g r (M d t x h v, 2015). C r q i r u p h O d y h l u d - C d u g r v r h w d o (2020), h wñ f d u f vñ u d g r s r u x p d Æ j h v u j d q l" d r s u r σ q j d g d t x h g l i f x æ l r x l p s h g h d u r u j d q l" d r s v t x l f d h d u h p d g d g h d w y l g d g h v d q vñ u r u h s h u g d i (s. 02). L l v e d (2002) h N d v f l p h q w h w d o (2020) f k d p d p d d vñ q r, l q f α v l y h, s d u d r s r vñ q f l d o g h f r q i r u r l p e x g r h p v d l v s u v l f d v. A h q w h y l w a l g d A q d g h w d f d t x h r s u r f h w r g h α w g h s h a g h g h f d g d s h w r d, s r u t x d q w Æñ p s h w r d v t x h v d q v l v d p v d q t x l æ p h q vñ, vñ p s h w r d v t x h w p p d l v g l i f x æ d g h i, p d v, q r u p d p h q vñ, r s h u r g r g h h æ l e r u d r g h x p d q r. S h j x q g r h æ l, w g r r s u r f h w r h q y r g h x p d v u h g h t x h w h v h p r f l r q d l v, f r p r d d j d r g r i d p l d d u f r p r h q vñ t x h u l g r, u h w d æ l g d s r u l l v e d & C u h s d æ l (2003).

Mduw, sruvix wuqr, hvfælfhtxh r æw q r xp dgr hq d, xp surfhw r qrup dogr vhu x p dqr. Shj xqgr hæ, r æw s r gh s u r y f d u x p d s h u g d v j q l i l f d w y d q d y l g d v r f l d o à d t x d o y d l v h p s u h l p s d f v a d l g h q v l g d g h g d s h w r d à h s r g h d f r q v h f h u h p y u d v v l w d h v s d u d o p g d p r u h f r q f u h v d, f r p r: d r v h s h u g h u x p p h p e u r g r f r u r, d r v h d s r v h q v a d u h d r v h v h s d u d u g l y r f l d u (C r p e l q d w & Q x h l u r, 2006). Mduw d i l u p d d l q g d t x h r æw r v h p s r t x h d s h w r d v h p s d u d r j d q l " d u v h h g h v f r e d u r t x h y d l i d " h u f r p r t x h h a d s h u g h x, e h p f r p r x p d h | s h u q f l d v h p s r u d q h q v h l q g h v h u p l q d g d, d w l p v h q g r s u h f l v r v h d g d s v a d u d h a d.

N r k u h j u d t x d q w d t x d l v v l w d h v r s u r f h w r g h æw s u h f l v d g h d n g d s u r i l w l r q d o s r u p A q d w r x | h h | h p s o v g h d j x p d v f r q g l h v s u h r f x s d q v h v, f r p r t x d q g r, q r s h u r g r g h x p d q r, d s h w r d q r f r q v h j x h y r a d u u r l q d, t x d q g r k r d e d q g r q r g d i d p d d h g r v a d e d d r h t x d q g r r l q g l y g x r q r f r q v h j x h d d p h q v a d v h. A g h p d l v, r æw s d w o j l f r t x d q g r d s h w r d q r f r q v h j x h g h v f r e d u r t x h h a d v h p r h q v h s h u g l g r, f r q i r u p h h v f æ l f h t x h r M d u w. E v a d h q v h y l v a l g d f l v d r v w v p d q h m v f d e y h l v q h w h v f d v r: r d f r æ l p h q w, r x v h r d, r j h w r g h h w a d u g r æ g r s d u d r t x h s u h f l v d u m q w l q v l w q f l d, q d p h g l g d f h u d, s d u d s h w r d q r v h v h q v u r " l q k d, v h q g r h p p h q v h t x h p x l w g l i f l o g d u f r q v a g r / d h q a v a l g r / d o q j r; d d n g d p h g l f d p h q w d s v l t x l v a l d, x p d y h " t x h k x p d e d a t x p l f r h r l q g l y g x r h w w p h q v a d p h q v h d g r h f l g r; h r d f r p s d q k d p h q w s v l f r o j l f r l q g l y l g x d o r x h p j u x s r s d u d s h w r d v h q a v a l g d v. P h u f h e h - v h, s r l v, d f h q v a d d g d g h s u p r u g l d o g r d s r l r f r p x l w u r q h w h f d v r, x p d y h " t x h r l q g l y g x r d g r h f l g r p h q v a d p h q v h s h a y l y q f l d g r æw g l i l f l a p h q v h u h r u h u v " l q k r d n g d s u r i l w l r q d o q h f h w u d.

E p f r q v r q q f l d f r p d s h u s h f v l y d g h u v d l v g h g h v s h g l g d v f r q v l g h u d g r v q r s u h v h q v h v a d e d d r, A q d q r v g l " t x h d t x h d v s u q f l s d l v y l y h q f l d g r v s h a v x r h l w v g l " h p u h v s h l w d r v u d d " d g r v q r d h l w g r k r v s l v a d h, v a p e p, q r y h o u r, d s v r e l w. Shj xqgr hæ, v a d f r p r v h r u d " d g r s r u l l v e d & C u h s d a g l (2003), q d g h v s h g l g d q r d p e l h q v h k r v s l v a d u h p f d v r g h l p l q q f l d g h p r u h, r / d s u r i l w l r q d o g d P v l f r o j l d l q f h q v l y d r v i d p l d d u h d f r q y h u d u h p f r p r h q v h t x h u g r, r t x d o s r g h v h q v l u s u h v h q d g h d v, p h v p r v h g d g r / d. N h w h v l q v a d q v h v g h u d g h l u r v q d y l g d g h x p v h u x p d q r, d j x p d v s h w r d v s h g h p s h u g r h g l " h p f r l v d v t x h d l q g d q r v l y h u d p d r s r u x q l g d g h g h g l " h u S h r / d s d f l h q v h h w g h v s h u r / d, h d h / d v a p e p l q f h q v l y d g r / d d g l " h u r t x h v h q v h. P d u d p d l v, k d s r w l e d g d g h g d f k d p d g d y l u x d o s d u d i d p l d d u h v t x h q r s x g h u d p h w a d s u h v h q f l d p h q v h.

N r t x h g l " u h v s h l w d r s u r f h w r g h d w l w q f l d s v l f r o j l f d v i d p d d v g h s d f l h q v h v l q v h u d g r v / d v q r k r v s l v a d A q d d i l u p d t x h, h p f d v r g h l p l q q f l d g h p r u h, d i d p d d f k d p d g d s d u d d g h v s h g l g d:

Thp s d f l h q v h v t x h y r d e l w f r p d i d p d d o. [...' f k h j d p d v h d w x w a l u f r p r v r p g r v d s d u h k r v g h v d j d q g r [...' h q w r r s v l f o j r s u h f l v d l q v h y l u v a p e p. O s d s h o g r / d s v l f o j r / d p x l w d p s a, v d e h? E g h s h q g h g h f d g d f d v r, s r u t x h v h p i d p d d t x h i l f d p x l w v a d q t x l a s r u t x h m y h p g h x p s u r f h w r g h g h v s h g l g d, m y h p g h x p s u r f h w r g h h q v a g g l p h q w g d f r p r u e l g d g h. [M d v Thp i d p d d t x h q r d f h l v d v y h " h v. Thp i d p d d t x h h w y h q g r t x h r s d f l h q v h y d l i d d h f h u, p d v h a d q r d f h l v d, q r t x h u (A q d)

T d o u a d v f k d p d d d v h q r s d u d d u d h y q f l d g d l q v h y h q r s v l f r o j l f d, e h p f r p r g d r s r u x q l g d g h u s u h v h q v a d g d s h a æ w d q v h f l s d w u r (L l v e d & C u h s d a g l, 2003). N r g l d d g l d g r d v h q g l p h q w k r v s l v a d u A q d q r v g l " t x h r v a d e d d r j l u d h p w u q r g h d i d p d d v h u s u h s d u d g d s d u d h a d e r u d u r æ w. G h u d p h q v h, r v a d e d d r i h l w m q w d i d p l d d u h v g h s d f l h q v h v g h o q j d s h u p d q q f l d, g h f x u a d s h u p d q q f l d h p h w a d g r j u d y h h p f x l g d g r v s d d d v l y r v. Shj xqgr hæ, r v h p s r g h l q v h u d r r p r p h q w g h f u d u x p d

qrdur vld, ghir up d d s h s d d u r v i d p l d d u h v s d u d i d o d g r r x w r . l w r v h g s r u t x h r s u h s d u r s d u d r o x w r i d y r u h f h x p d p h k r u d f h l v d r , x p w d q v l v d u p d l v d y h .

Nd v l w d r g h e l w , r / d s v l f o j r / d f r p s d q k d r / d p g l f r / d q r l q w d q v h g d q r w f l d . E p d o j x q v f d r v r i d p l d d u f k r u d p x l w , f d l d r f k r h p g h v h s h u r h s u h f l v r t x h r / d s u r i l w l r q d o v h d m h d k h h r d f r d k d . E w h / d s u r i l w l r q d o v p e p s d w d d s h u f h e h u r v i d p l d d u h v t x h s r g h u r g d u v x s r u h d r v p d l v d e d o g r v . v y h " h v d l q v h y h q r v d h v f x v d h r d f r d k l p h q w . E v f x v d u r s u q f l s d o w d e d d k r , s r u t x h p x l v d y h " h v h d v t x h u p f k r u d s u h f l v d p g r p q l p r t x h x p d o q r r x x p d j x d . O x w r s r q w d v h g h w d f d u t x h d p d l r u d g d v i d p d d v q r g h p d q g d d v h q g l p h q w o q j r h d w p h v p r d j u d g h f h d d w l w w q f l d g r v / d v s v l f o j r v / d v h g r v / d v p g l f r v / d v .

[O' s v l f o j r h q w d f r p d o j x p d v l q v h y h q h v r x v y h " h v q r i d " l q v h y h q r q h q x p d , v h v f x v d , v d f r d k h p h v p r . v y h " h v d s h w r d q r g f r q v d g h i l f d u q d v d o d [ ... ' . O i h u f h u x p f r s r g h j x d , r i h u f h u x p s d s h o s d u d h q l x j d u r v r d r v . ( A q d )

F l f d h y l g h q v h d s r v l r g r / d s v l f o j r / d f r p r d w u i x q g d p h q v d o q d d w l w w q f l d d r i d p l d d u h q o x v d g r . S x d l q v h y h q r s r g h v h u f r q v l g h u d g d s d u h g r s u s u r u v x d o g h g h v s h g l g d q r f r q v h l w g h v h u p l q d d o g d g h .

S h j x q g r u h v d g r s r u A q d , d o j x p d v i d p d d v , s d u d d g h v s h g l g d , t x h u p l u d r q h f u r w u r y l v l v d u r f r u r , l w r h p f d r v h p t x h h w h m i r l d y d g r , r t x h h y l g h q f l d d l p s r u w q f l d g r o j h u r p r u w i s d u d d f r p s u h q v r g d l u h y h u e l d o g d g h g r i d w ( N d v l p h q w h w d o , 2 0 2 0 ) . A o j x p d v y h " h v r / d s u r i l w l r q d o q r f r q f r u d h p u " r g d v f r q g l h v h p r f l r q d l v g d i d p d d , v h q g r d w l p h l s d f d g d v d v f r q g l h v g r f r u r h g r d p e l h q v h g r q h f u r w u r . E p f d r g h d f r u g r , r v i d p l d d u h v r d f r p s d q k d g r v s h o / d s v l f o j r / d :

M x l v d y h " h v d i d p d d v t x h u p l u d w r q h f u r w u r , [ ... ' t x d q g r v h p r e l w , r s d f l h q v h g h v f h s d u d r q h f u r w u r , q ? V d p r v v x s r u t x h d i d p d d g h p r u d d f k h j d u t x d q g r h w d s d f l h q v h y d l e l w h r f r u r g h v f h s d u d r q h f u r w u r , v h p i d p d d v t x h t x h u p y l v l v d u h w h f r u r . [ ... ' x p d i r u p d v d p e p g h t x h u h u g h v s h g l u [ ... ' d j h q v h q r q h j d , d j h q v h f r o f d d v t x h w h v f r p p x l w f x l g d g r , f r p l q v h y h q h v d w l p : " y r f y d l v h u r v h p s r q r y h o u r , y r f y d l v h u v h x v h p s r s d u y h o - o " . [ ... ' v y h " h v v r l q v h y h q h v t x h y r f v h p t x h v h u x p r h l w h v y h " h v x p f r q k h f l p h q w g h w d i d p d d , g h v d e h u f r p r h w d i d p d d f l u f x d h p r f l r q d o p h q v h . P r u t x h v h p i d p d d t x h y d l t x h u l u o s d u d i d " h u r u d r r x u v x d l v q r q h f u r w u r , p d v h a y d l v h u h w h v h p s r o q r y h o u r . ( A q d )

A s h v d u g h f x o x u d o p h q v h g l y h u r v , r v u v x d l v g h g h v s h g l g d v r g h x p p r g r j h u d o i x q g d p h q v l v s d u d d y l y q f l d v d x g y h o g r o x w , x p d y h " t x h p d f d p r s u f h w r g h d f h l v d r g d s h u g d . N r B u d l o d t x h d v y l y h q f l d g r v s h o v x r h l w v g l " h p u h v h l w , s u q f l s d o p h q v h , d r v u h d d " d g r v q r d h l w g r k r v s l v d o h , v d p e p , q r y h o u r , d s v r e l w , g x u d q v h r v t x d l v d l q v h y h q r s v l f r o j l f d f h q v d o q r d s r l r d i d p l d d u h h q o x v d g r v .

*A o h u d h v q r v u v x d l v g h g h v s h g l g d , l p s d f w r v s d u d d v d g h p h q v d o h d d u x d r g r / d s v l f o j r / d*

P h o h l v h q v r s h u r g r g h g x u d r g d s d q g h p l d g h C O V I D - 1 9 , p h l r v v h f x q g u r v i r u d p x v d d " d g r v t x h y l v d y d p d d p h q l " d u r g l w d q f l d p h q w . N h w h l q g l w r f r q v h l w v r f l d o h v d q l w u r , d v q r w f l d v s d w d u d p d v h u g d g d v s r u v h d i r q h a g h v g h r e r d v l p p g l f r l q v h y h q r g r / d s v l f o j r / d a h d v l q v h u d h v h q v h i d p l d d u h h r v / d v g r h q v h v s d w d u d p d r f r u h u s r u p h l r v y l u x d l v , f r p r d x l d r g r v / d v s v l f o j r v / d v . A g h p d l v , d s d q g h p l d w r x l h x p q r y r s u h f h g h q v h : r u h f h l r g d s h u g d g r i d p l d d u v h j x q g r A q d . M x l w v q r t x h u d p q h p v h u l q v h u d g r v s r u t x h h v s h u d y d p t x h l u d p p r u h u T d o s h u s h f v l y d l p s d f w r x d y l y q f l d g r o x w . M d u d f r u r e r u d h w h v h p r u d r g l " h u t x h d s d q g h p l d v l u r x q r v d v f h u h " d v h d w d s d k r x d h a e l e r u d r h d f r q w x r g h t x h o j r u d d f d e r x i . S r p d g r d l w r , d o j x q v i d p l d d u h y l u d p d g h v h q y r g y h u r v h q v l p h q w g h f x o d , s r u h q v h q g h u p v h u d y d g r d g r h q d s d u d t x h p p r u h x . E w h v d w p h v p r f x o d y d p r x w r v i d p l d d u h v s r u v h u p w d q v p l v l g r r y u v .



Afhf d gr v lxxdlv gh ghvs hglgd qr dp elhqv kr vs lxxdlv Mduw dhp eud t xh qr lq flr gd s dqghp ld q r kdyld idh lxlodgdh. Nr p hlr gd s dqghp ld, s r u x d y h", hud s hup lvgd xp d ylvvl gh xp idp lddu s h s hur gr wgr gd lqvhuqd r. Ewh idp lddu hud s uhyhqvlydp hqv s ddp hqvgr h dvlqdyd vhu p r v gh fr p s u p lwr. As v d ylvvl, d p dlr ud gdv idp d d v d d d d y l d g d s r u t x h d f u h g l v l y d q r t x h y l d, t x h r h q v n t x h u g r h w d y d v h q g r e h p f x l g d g r. Eud s u h l v r d f r d k h u p x l w h w d i d p d d s d u d t x h h a f r q v h j x l w h w d e d d k d u r a w d q v n f l s d w u r (Llve d & C u h s d a g l, 2003), x p d y h" t x h s d u d p x l w v g h w h v i d p l d d u h v d s d q g h p l d v l u r x d s r w l e l o g d g h g r f r q v n g r y h o u r.

Hdyld d glilfx d g d h, s r u s d u h g r v i d p l d d u h v, g h g h l d u v h x v h q v n v h p f r p s d q k l d, v h j x q g r u h a v l A q d. E p x p g r v g r l v k r v s l v l l v h p t x h w d e d d k r x, h u d s u h y l w r s r u w f r a g h g h v s h g l g d q r v f d v r h p t x h r v d v s d f l h q v n f r u l d p u v f r g h e l w. H d y l d d y l v l v s u h v h q f l d o g h x p i d p l d d u g h y l g d p h q v n s d d p h q v g r, h p f r p s d q k l d g r d s v l f a j r d. N h w h s u r w f r a, d y l v l v h u d d p l v l g d h q r d f r q v n l d w g r v r v g l d v. A o p g l w r, h a d h p e u d t x h d j x p d i d p d d v q r v l y h u d p d r s r u x q l g d g h g h u h d d u d y l v l v s u h v h q f l d o r x s r u t x h q r d v r d f l v l d p r x s r u t x h q r r i l h u d p d v h p s r. A v t x h h q v l y d p i d l d p y l v l v y l u x d o f r p r u h w d q v n g d i d p d d.

Dh d f r u g r f r p A q d, q r f d v r g h f r q v n l q d r s r u C O V I D - 1 9 k r x y h e d v f d p h q v n y l v l v g h g h v s h g l g d. v y h" h v r d s v l f a j r d h u d f k d p d g r s r u t x h r d s d f l h q v n l u d v h u l q w e d g r q d t x h a l k r u d, h q w r r d s r i l w r q d o h u d u h s r q v y h o s r u j x l d u d y l v l v y l u x d o Q x d q g r k d y l d r i d d h f l p h q w g r d s d f l h q v n, k d y l d x p d f k d p d g d v h d i q l f d d y l v d q g r g d s l r u d, q x q f d g r e l w. N r f r q v n l w g d s d q g h p l d i r u d p f u d g d v h w d w j l d v s d u d d v d q v p l w r g h q r w f l d v s r u v h d i r q h. F r l s u h l v r k d y h u x p d u s l g d d g d s v l r. P d u d s d f l h q v n t x h h q v u l d p s r u C O V I D - 1 9 p d v t x h i d d h f h u d p g h s r l v, m f x u d g r v, r i d p l d d u v l q k d g l i l f x d g d h g h h q v n u d u f r p r f d l r d e h u r, x p d y h" t x h h u d s u h l v r t x h r k r v s l v l o g h w h x p d g h f a l d r s d u d d i x q h u u d s d u d f r p s u r y d u P d u d t x h d v d v d l q g d f r q v n l q d g r v, r v f d l h v h u d p i h f k d g r v, h h u d s h u p l v g r x p p l p r g h 1 0 s h w r d v q r a f d o f r p y h o u r g h q r p l p r g x d v k r u d g h g x u d r. H d y l d d f r q v n l v i l f d d d r s r u s d u h g r v d v i x q f l r q u r v d v g d v h p s u h v d i x q h u u d v. T d l v i d v v h y l g h q f l d p r v r p d w u r g h g l i l f x d g d h v h q i u h q v l g d v f d s d h v g h u y h u e h u d u q r s u r f h w r g h a w g r v i d p l d d u h v.

Shj x q g r A q d, q h w h q r y r f r q v n l w, d v i d p d d v h w d y d p d a j x w l g d v h p u h a l r d w g r, s u q f l s d p h q v n s r u q r s r g h u p l u w g r v g h v s h g l g d, r t x h h l j l d d q h f h w l g d g h g h v h h d j h u v r p h q v n d j x q v s d u h q v n s u l p r v s d u d h w h p r p h q w. I g r v r v q r s r g l d p l u h, s d u d r v t x h l d p d r v y h o u r v h h q v n u r v, k d y l d v h u p r v d v h u p d v l q d g r v. P d u d p d l v, A q d g h f a l d t x h s d u d r d s v l f a j r d h u d h l f u x f l d q v n l q v n u l u h p f h u d v l v x d h v, f r p r t x d q g r s u h f l v d y d p q h j d u s h g l g r v s r u p r v l y r g h v h j x u d q d. A v y l v l v y l u x d l v, s r u h l p s a, h u d p u h d d d g d v f r p p x l w f u l w u r, v h q g r l q i r u p d g r t x h q r s r g h u d k d y h u i l d j h p h i r w j u d i l d s r u d v f r g h h l s r v l r g r f r q v n g r. v y h" h v r d s d f l h q v n h w d y d w r p d o q r v h q v l g r f o q l f r t x h d y l v l v i l f d y d l p s r w l e l o g d. M d u w f k h j r x d v h u d p h d d g d s r u i d p l d d u h v, r t x h d d y r x d s u h w d u f r q v n s r o f l d. l w r s r u t x h d j x q v q r h q v n q l d p r i d v g h t x h d s d q g h p l d q r h w d y d s h u p l v a g r t x h v h d s u l p d w h p g r v h x v h q v n v.

Alagd v h j x q g r M d u w, d q v n v g d s d q g h p l d k d y l d 4 k r u d v g h y l v l v w g r v r v g l d v, d w l p r v i d p l d d u h v s r g l d p d f r p s d q k d u w g r r s u r f h w r d w d p r u h: A e h v d f r p s d q k d y d p r s u r f h w r g h d g r h f l p h q w h r s u r f h w r g h f d p l q k r s d u d d p r u h [...]. d j r q l d q v n s d u d d i d p d d, p d v t x d q g r r p g l f r i d a l: a d d, i d d h f h x',

p dlv i flos dud hqvhqghy s r ut xh hæl ylxî (Mduw). Nr fr qvñ| w gd COVID-19, d idp dd ghl| r x gh s r gh u dfr p s dqkdur dgr hf lp hqw:

Nr dgr hf hud j hqvñ vñp xp wñr: r s df lhqvñ, d idp dd h d ht xls h t xh hww fxlgdgr ghvñ s df lhqvñ. Ov wñ v t xhuñp r p hvp r r erñwyr, t xh hvñ s df lhqvñ p hñr th. O t xh d s dqghp ld ih"? Tlur x xp d s duñ ghvñ wñr, wñr x d idp dd s dud dfr p s dqkdur hñv dgr hf lp hqw. (Mduw)

Cr qir up h thæwgr s r uAqd, qr f dvr gh s df lhqvñv hp vñup lqddgdgh, q r p dlv fr qvñp lqdg r v, k dyld r hvir u r s dud vñ ðe hudup dlv ylvwlv. Aq xp d v idp ddv ðnydydp ðñr v s dud xqj lur /d s df lhqvñ, s hglqgr dr / s vlf ð j r /d s dud s dwdur ðñr, idw wlp e p thæwgr s r uMduw. Hr xyh wlp e p t xhwñr qdp hqw v t x dqw s r wleldgdgh gh vñ ðnydus dghv r x s dwñ hv s dud r ðñlw. Mhgl dqvñ hw dv vlv d hv r fr ulgdv, r evhuyr x-vñ xp d vñqvñyd gh hvj dñ gh p dqlihwd hv thdj lr vdv s u s udv gr fuwldqlvp r, dv t xdlv hudp fduhj dg dv gh i t x dqw d s r fhglp hqw v t xh exvfdp q r v r fr qir wñ hvs luv d o gdt xhñv/dv t xh s duñp, p dv, s dqf ls dq hqvñ, gdt xhñv/dv t xh s hup dqhf hp. Pr gh-vñ dilup dy qhvñ vñqvñr, t xh d p qlp d s r wleldgdgh gh s uñs dur s dud r p r p hqw gr ur p slp hqw gr hqvñ t xhulgr fr p r vñuñqr hud h| s ð wgd s h v idp lddhv. Cr qir up h ghwñf dgr s r uLlve d (2002), wlv uñv dlv idyr uhf hp xp fr qvñw gluhw fr p d qr yd thddgdgh, gh p r gr d dx| lddu d idp dd qd dgds wñ r shugd. Pdud Aqd, r v fxlgdgr v s dñwyr v r ihuhfgr v s h v /dv s vlf ð j r v /dv, fr p r dxq r fr p ðñr v, vj qlilf ddp s dud d idp dd dfr p s uhqv r gh t xh vñ hqvñ t xhulgr hwñyd vñqgr eh p wñwgr, t xh q r hwñyd v r iñqgr, s r uhwñup hglf dgr /d.

Nr fr qvñ| w gd COVID-19, r yho ur ydl h| lwñs dud s r xfdv shw dv. A idp dd q r ydl yhur fr u r. Awlp, ir udp ghvñqyr q lgdv hwñwñj ldv s dud d yly qfld gr ðw vlp e dfr (Hr wñj dv & Sdqwv, 2020). Pr u h| hp s ð, r ud hv ðp r wñv ihwñv s h ð f h x ð u h eld xhvñ fr ðgr v qr fdll r. Shj xqgr Mduw, r Shyl r gh Avñqglp hqw dr Cr qvxp lgr u (SAC) gr kr vs lwñs dwr x d uhf hehuñf dgr v s dud r v /dv s df lhqvñv, r v t xdlv hudp lp s uñwv h fr ðgr v qr ðñlw. E ð flw x gr lv f dvr v t xh h| hp s ð ilf dp r uhv x wñgr gr dvñqglp hqw s vlf r o j lfr s uñwgr:

A p h hud xp dfr "lqkhlud vlp d, d h æ id" ldx p er ð ghix e vxshuhv s hf ldo Oq "h il d r v h æ v l q k d. A r t xh hñv il" hudp qd p lwd gh v vlp r gl d, m t xh qlqj x p s r gh ludr yho ur, hñv il" hudp p lqler dqkr vñ hqvñj ddp fr p xp fduwr "lqkr hv f u wñ dwlp: "A q r w d p h F x æ l q d q r v h q v l q r x p x l w ð v f r l v d v q d y l g d, x p d g h æ v i r l h w ð e r ð ghix e h d j h q v ñ t x h u l d f r p s d u ð d u f r p y r f v x p g r v h q v l q d p h q v r v g h æ". (Mduw)

Thyh xp d r x wñ idp dd t xh r s dl, hñ dgr udyd Rr ehwñ Cduwv, d t x t xh r v i l d r v i l "hudp? M d q g d u d p s h ð W k d w A s s d j r dwlp: "Nr wñ s dl dgr udyd Rr ehwñ Cduwv, hqwr d j hqvñ ydl fr p s d u ð d u f r p y r f v d p v l f d ð d ð h q v j r w ð u d p r v t x h y r f f d q v ð w h f r p r h ð f d q v ð y d s d u d y l g d". (Mduw)

Ew dv g x d v y l y q f l d v g h ð w v v l p e d f r v q d f h u d p g d l q v ñ y h q r g d s u r i l w r q d o ñ q w d r v idp lddhv t xh v r i u d p f r p d s h u g d. Shj xqgr h æ, q h w d v f l u x q w w q f l d v, r v /d v s v l f ð j r v /d v id" hp r dfr ð lp hqw h v g h s r l v r dvñqglp hqw. N r vñ w ð w ð g h d p h q l "d u d g r u p d v g d u v x s r u ñ h d s r l r h p r f l r q d o d r v x h l w s d u d t x h h ð g f r q w ð g h s d w d u s h æ s h u g d. Dh dfr ugr fr p Mduw, qr dvñqglp hqw s vlf r o j lfr lp s r u ð q v ñ w ð e d d u f r p r v idp lddhv dv dp l v l hv lp s r w ð v s h ð fr q v ñ| w g h d i d w ð p h q w, f r p r w ð p e p s u h f l v r t x h d i d p d d u i d w ð s d u d t x h q r v h i l h q d l p s r w l e l d g d g h g h d f r p s d q k d p h q w g r d g r h f l p h q w h f r q v l g h u h w g r r t x h i r l y l y l g r f r p r /d s d f l h q v ñ d r ð q j r g d y l g d. Pr u ð q w, g x u d q v ñ w ð o h w w j l r g r ð w, r /d s v l f ð j r /d g h y h i d y r u h f h u d u i d ð l r d f h u f d g d v s r w l e l d g d g h v g h k r p h q d j h p d h w h h q v ñ t x h p r u h x.

Aqd uæwæ, dlqgd, t x h i r u d p g h v h q y r g l g d v s h æ v i d p d d v r x w æ d v d æ h u q d v y d v s d u d u v æ d v g h g h v s h g l g d s r w y h l v, f r p r r h q f d p l q k d p h q w g h x g l r v t x h h u d p w æ d q v p l v l g r v d r v s d f l h q v h v, f d u l q k d v t x h h u d p d g d v s h æ v d v s u r i l w l r q d l v d r / s d f l h q v h, g h v h q k r v i h l w v s h æ v d v q h w v d v t x h h u d p f r æ f d g r v q r v d h l w v. E æ d h p e u d t x h d y l v l w æ g h f u d q d v i r l v x v s h q v d q d s d a g h p l d, d w l p y u d v i r u p d v g h g h v s h g l g d v i r u d p f u d g d v, s u l q f l s d æ p h q v h s d u d h w d i d l l d h w u d.

Dh p r g r j h u d æ r i d w g h p x l v æ v s h w r d v q r v h u p s r g l g r y h æ u v h x v h q v h v t x h u l g r v w u q r x r æ w p d l v g l i f l o x p d y h " t x h, f r p r w æ l g r s r u N d f l p h q w h w d o (2020), d h æ d e r u d r d f r q v h f h d s d u l u g r u v æ d o g r y h o u r, g r s r g h u i d æ u P æ d u d A q d, d i r u r v d f r q g l r g h " q r y h æ u " g h l l d x p y d " l r q d y l g d g d s h w r d, i d " f r p t x h r v h x s u r f h w r g h æ w h w h q g d v h s r u p d l v h p s r h q x w h q h æ d v h q g q f l d d v s h f w v s d w o j l f r v. J v h j x q g r M d u æ, r v s u l q f l s d l v w æ d q w u q r v s l t x l w æ f r v f d u l f v h u w l f r v g r æ w f r p s d f d g r s r g h p v h u r w æ d q w u q r g h s u h w l y r à t x d q g r h p 4 v h p d q d v d w l w h " d q r s d w d, k d v h q v d r g h t x h q d g d p d l v y d d h d s h q d h q d g d p d l v g s u d " h u e h p f r p r d v h q v d r g h f d q v d r h i d g l j d v h p h l s d f d r, r g l w u æ l r g r v r q r, r g l w u æ l r d æ p h q v æ u h r w æ d q w u q r d q v l r v r à t x d q g r r f r p s r u æ l p h q w h l v h p d p h q v h s h w l p l w æ h r l a g l y g x r q r f r q v h j x h h v t x h f h u r h s l v g l r w æ x p v l f r, t x d g u r h p t x h p x l v æ v y h " h v k r g l w u æ l r d æ p h q v æ u h r d w æ t x h g h s q l f r.

E p v h v h, s d u d d v h q w h y l w æ g d v, d i d p d æ x p l p s r u æ d q v h v x s r u h d r h q i u h q v æ p h q w g d v t x h w h v d g y l q g d v g d s h u g d. S h j x q g r h æ v, s u h f l v r i l f d u d v h q w t x h d v v d v t x h h w r v h l v æ l q g r p d l v. N r f d v r g h r f r u q f l d v g h w h v l s r, s u r f x u d u d æ g d s u r i l w l r q d o e d w æ d q v h h i l f d " , x p d y h " t x h r / d s v l t x l d w æ d s r g h d x l l d d u f r p d p h g l f d r h r / d s v l f æ j r / d s r g h d æ g d u f r p d w u d s l d, l q f æ v l y h d g h j u k s r. E p u h v x p r, T d q w A q d t x d q w M d u æ h q i d w " d p d l p s r u w q f l d g h d v i d p d d v u h w p d u h p v x d v u r v l q d v.

P r u r x w æ æ l g r, r s r u x q r u h w d æ u d q h f h w u d s u h r f x s d r f r p d v d g h p h q v æ d o g r v d v s u s u r v d v s u r i l w l r q d l v g d v d g h h q y r g l g r v d v q d d w l w q f l d g l u h v d r v / v d i h v æ l g r v d v s h æ s d a g h p l d g h C O V I D - 1 9, f r q i r u p h d s r q v æ p L h d o h w d o (2021). A h w h u h v s h l w, M d u æ d h p e u d - q r v g h t x h h w h v d v s u r i l w l r q d l v æ l p e p h w r v x r h l w v d v d r v u l f r v g h d g r h f l p h q w h l p h u r v d v q r f r q v h l w g d w æ d j g l d:

T h p x p d x w u t x h h x q r y r x d h p e u d u r q r p h, h æ s v l f æ j r q d E v s d q k d, h æ w æ d æ d d f r p j u d a g h v w æ d j g l d v, s u l q f l s d æ p h q v h f r p v h u h p r w v. E æ i d æ l r v h j x l q v h: t x h, t x d q g r v h p x p v h u h p r w, s r g h v h u t x h q l q j x p t x h h x f r q k h d v h q k d p r u l g r, p d v d p l q k d f l g d g h v h y h v h u h p r w, h q w r w g r v h w r " v h u h p r v l d g r v ", l q f æ v l y h r s v l f æ j r. N d s d a g h p l d, q v æ l p e p h w æ l p r v " v h u h p r v l d g r v ", s r u t x h d j h q v h h w v æ l p e p q d s d a g h p l d. T h p r v r u l f r g h s h j d u r f r u q d y u v, v h p r v r u l f r g h t x h d g x p t x h d j h q v h d p h p r u d s r u f d x v d g r y u v [ ... ' h x y h m s h w r d v p r u h q g r g d g r h q d w g r v r v g l d v [ ... ' . M h v p r t x h q l q j x p t x h h x f r q k h d s h w r d æ p h q v h v h q k d v l g r C O V I D - 1 9, p r u l g r s r u h æ l, h x h w r x q r f r q v h l w g d w æ d j g l d. (M d u æ)

E æ f k h j r x d d v h q g h u f r d j d v q r k r v s l w æ h g l w h t x h r / d s v l f æ j r / d v h p t x h i d " h u v h u d s l d h w r f d u r v p r p h q w v f r p r x w r v d v f r d j d v s v l f æ j r v d v r e u h r t x h h w v h q v l q g r:

O s v l f æ j r r s u p h l u r s u r i l w l r q d o g h q w g h x p k r v s l w æ t x h q r s r g h p r w æ d u h w h s q l f r, h w h p h g r, [ q h p ' s d u d [ d ' h t x l s h, q h p s d u d i d p d d. [ ... ' E x, f r p r s u r i l w l r q d o v l y h t x h w æ d " h u v h j x u d q, g h l d u p h x p h g r o q r f d q v l q k r s d u d w æ d u r p h g r g r x w r. [ ... ' E d h x y r x i l q j l u t x h q r v r x k x p d q d? C æ l u r t x h q r ! V r x i d " h u v h u d s l d [ ... ' h w r f d u h w h p r p h q w v f r p r v f r d j d v s v l f æ j r v. (M d u æ)

S h j x q g r h æ l, v æ d f r d l p h q w u h f s u r f r h q v h s u r i l w l r q d l v g d P v l f r æ j l d l p s u h v l q g y h o s r l v d s h w r d t x h w æ d æ d d q h w æ l u h d q r s r g h v h f r æ f d u q r æ j d u g h v x s h u k h u l v, x p d y h " t x h l w r v l u d d q r v d k x p d q l g d g h h r g l u h l w g h v h q v l u p r v p h g r h w l w h " d, s r u h l h p s æ.

Ailup dprv, sruilp, txh v r glyhuv r v ghvgreudp hqwr v gd sdqghp ld gh COVID-19 sdu d vr flhgdgh eudvdlud, fr p r dilup dp Lhdohwdo (2021). Eqvñ hñv, dt xhñv txh lp sdfvdp r v gluhlrv gdv shwr dv gh yñlhp h hqvhudhp vñxv p r wv ghqwr gh vxdv wdg l hv. Awlp, wuqd-vñ q vgr txh, fr p r vñ q r edwñwhp dv lqfhuñ" dv h lqvñj xudq dv dfhufd gd gr hq d txh sruvl v v r irqvñv gh dqj wld h v r iulp hqwr, dv r flhgdgh s dv r x d fr qylyhuf r p dsu yd r gh s u v f dv u v x d wñ f dv q h f h w u d v d r s u r f h w r gh d f h l v d r g d s h u g d, i d w h w h j h u d g r u g r a w s d w o j l f r / f r p s d f d g r (Mdt xhv, 2015). Aghp dl v, sdu do p gd lp sr wleldgdgh gh udd" d r gr v u v x d l v gh ghvshglgd, r v idp ldduhv yñhp -vñ gldqvñ gh idwuhv dgr hfhgruhv, fr p r r l v a l p h q w r g r h q v h k r v s l w d " d g r , d v q r w f l d v t x h g h p r u d p d f k h j d u h , h p f d v r g h p r u h , d h v s h u d s h a l e x u r f u d f l d g d d e h u d r g r f r u s r h d v i d d k d v q d l g h q v i l f d r g r / d i d d h f l g r / d . L r j r , d l q v h y h q r s v l f r o j l f d i r l h v h p v l g r l p s r u d q v h s d u d p l q l p l " d u r v l p s d f w v q d v d g h p h q v o g d v s h w r d v h q a v o g d v .

O fr qvñ| w gh sdqghp ld hylghqflrx txh xp d gdv Òñfqr ò j l d v i p d l v l p s r u d q v h v r w d e d d r k x p d q r , x p d y h " t x h r v / d v s u r i l w r q d l v g d P v l f r o j l d w p i h l w v l j q l i l f d v l y r v h v i r u r v d i l p g h f r q w l x l u x p h a h p r f l r q d o p d l v i r u d d h f l g r h q v h t x h p s d u h h t x h p i l f d , g h i r u p d d q r v p r w u d t x h h q v h d v h p l q d d g d g h h d p r u h s u s u d p h q v h g l v d h j l w h x p w d e d d r l p h q v r . C r p r v h s h u f h e h , g l d q v h g d v p x g d q d v g r v u v x d l v gh ghvshglgd, r/d svlf ò j r/d v l p e p i l j x u x f r p r s d u h g h w h v , r t x h s h u p l v h q r v d j h q w r , x p d t x h e u d g r s d u d g l j p d g r v x s r w r g l w d q f l d p h q w h q v h r v d i h w v g h s d f l h q v h v h s u r i l w r q d l v . S h h w d p r v w g r v / d v Ò h u h p r v d g r v i ( r x , g h q w r g r q r w r p e l w g h d v x d r , Ò d q g h p l d g r v i ) , v o g y h " i d d p r v w g r v / d v s d u h g h x p d f r l v d v . N r f p s x w j h u d o u l q y h q v u v h q h w h q r y r h l q h v s h u d g r f h q u r i r l x p h j h u f f l r x u j h q v h , s r l v d g h v f r u r u i l f d r g r v u v x d l v gh ghvshglgd fr qyr fr x r v / d v s u r i l w r q d l v d v h f r u r u i l f d u h p v r e u h p d q h l u d q d s u v f d f o q l f d .

## Qc b Q i g Sg

Pr gh p r v s h u f h e h u t x h d s d q g h p l d s u r y r f d g d s h a l COVID-19 w r x | h g l y h u d v p x g d q d v s d u d d v r f l h g d g h p x q g l d o D h q v h y u d v p h g l g d v s d u d r v s u r w f r o v g h v h j x u d q d g d g r h q d , g h w d f d p r v r g l w d q f l d p h q w v r f l d o E v h w r x | h d f h q w d g d v p x g d q d v g h f r p s r u d p h q w s d u d t x h i r w h p h y l v d g r v r f r q w j l r h d s u s d j d r g r f r u r q d y u v . R h x q l h v , i h w d v , h q f r q w r v h f h u p q l d v g d v p d l v g l y h u d v i r u p d v , t x h d q v h v h u d p f r p x q v h q v h d p l j r v / d v h i d p l d d u h v , i r u d p l q v h u r p s l g r v r x v l y h u d p j u d q g h v d a h u d h v , t x d q g r g h l j d u d p g h d f r q v h f h u s u h v h q f l d p h q v h .

Ep v d o f r q v h | w gh uhv d hv, r v u v x d l v gh ghvshglgd, v d q w h p v l w d hv gh vñup lqddgdgh t x d q w d s v r e l w , s d w d u d p s r u u h f r q i l j x u d h v s u r i x q g d v . S d e h p r v t x h h a v y d u d p p x l w g h x p d f x a x u d s d u d r x w d , p d v v r x q l y h u d p h q v h g h h j w h p d l p s r u w q f l d q r s u r f h w r g h a w , s u q f l s d q h q v h h p u d " r g h t x h w h v h p r f l r q d l v , g h h q v h q g l p h q w r , g h d f h l v d r h g h f r p s u h h q v r g d s h u g d g h x p d s h w r d t x h u g d . P d u h f h k d y h u x p f r q v h q v r f x a x u d o q d v r f l h g d g h r f l g h q v d o d f h u f d g d l p s r u w q f l d g d f h u p q l d g h y h o u r . P r u h j h p s a , r d e u d r h r f d u l q k r g h d p l j r v / d v h i d p l d d u h v r j h w r v g h d i h w f r q v l g h u d g r v p x l w l p s r u d q v h v r f l d p h q v h s d u d d p h q l " d u d g r u C r q w x g r , f r p d s d q g h p l d g h COVID-19, p l d d u h v g h s h w r d v q r v l y h u d p d f k d q f h g h v h g h v s h g l u f r p r r f r w x p h k d e l w d o r t x h d f d e r x s r u v d " h u l p s d f w v p h q v d l v v l j q l i l f d v l y r v s d u d p x l w v g r v / d v h q a v o g d v r / d v .

Awlp, dsdulugdsuhrfxsd r fr p d vd gh p hqvdlogh idp ldduhv hqavdgr v gxudqvn ds dqghp ld gh COVID-19, ds uhvqvn s hvt xlv d vnyh fr p r ir fr r vdeddkr gr/ds vlf aj r/d naqr d shwr dvt xh ylyhqf lddp ds hugd gh hqvnt xhulgr v hyludp -vh lp sr vledvldgvd gh udd" dughvs hglgdv h uvdvlg gh s dwdj hp fr p xqv vdg l r gr s r yr eudvdlur. Aghp dlvr r r ehvlyr ir l fr p s uhqghu dv s hufhs hv ghwhv/dv sur ilwlr qdlv df huf d gr v hihlv v gdv p xgdq dv qr v uvdvlg gh ghvs hglgd, lp sr wdv s hsd dqghp ld gh COVID-19, s dud d vd gh p hqvlogr v idp ldduhv hqavdgr v. Pr up, dfdedp r v s ru ghvfr uvdqu vdp e p, r v lp s dfwv ghwh fr qvn| w qd hder ud r gh qrydvs u vlf dvs vlf r o j l f dv.

Oxwv wlp, s huf hehp r vt xh, ghylgr d wgr v hwhv dfr qvlf lp hqv v, r v/dv sur ilwlr qdlv gd Pvfr aj ld vlyhudp vxd ghp dqgd d xp hqvldg à r t xh uir u d vxd lp sr uwqf ld qd s uhvhyd r gd vd gh p hqvlogdv shwr dv à h t xh ir l qhfhw ur dgds vduvh uds lgdp hqv d hwd qryd uddgdgh. O xvr gd vnfqr aj ld qr v dvhaglp hqv v s vfr o j l fr v dvhaxr x d idod gd s uhvq d i vlf d h fr qvlex lx hqr up hp hqv s dud s uhvhyd r gd vd gh p hqvlogdv shwr dv hp p hlr vdg l d. Thp r v à fr p r ghp r qvvdgr dr aj r ghwh vdeddkr à r h| hp s aj gd dxd r gdv qr vdv hqvhylvldgdv qd dqkd gh iuhqv dr aj r gd s dqghp ld, gxudqvn d t x d d vnfqr aj ld ir l hwhqf ldos dud d glq p l f d gr v vdeddkr vt xh hvd h| hufhudp. Llj d hv ihlv fr p r ds df dlyr gr WkdwAss, s ru h| hp s aj, ds ur | lp dudp s df l hqv v gh vx dv idp d d v, r v/dv t xlv hvdvdp lp sr vledvldg v/dv gh v h y hup ilv f dp hqv ghylgr dr glvldqf ld p hqv vr f l d o D d p hvp d ir up d, r fr qvdr i vfr ghx aj dud p hqv d j hqv gh v| w, gh xglr h gh y ghr, t xh dngdudp d df d hqvudgr uà v r aj r fr p xqlf d vlyd t xh ir l gh j u d q gh d x| dr qd df hlv r gr av. Aop gd vnfqr aj ld, d f u d vlygd gh vdp e p ir l xp lp sr uvdqvn lqvaxp hqv s dud d lqvud r hqv d v shwr dv qhvd qryd uddgdgh, fr p r r er aj gh ix e (uavdgr s ru Mduv) glvlex gr fr p r xp v p er aj gh dhp eudq d gh t xhp s d u l x. Dr s r qv gh ylv d gr fr ur foqlfr, lp sr uvdqvn p hqf l r qdu t xh, gh xp p r gr j hudp r v/dv sur ilwlr qdlv d v d q v n q r fr qvn| w kr vs lvdv s uhf lvdudp dgds vduvh. Shqveld" dgr v/dv fr p hvd qryd uddgdgh, ylv d p qhf hvlgd gh kxp dql" dud laggd p dlvr v dvhaglp hqv v hp wgr v r v hwhv, vr ehvgr fr p r lqv l v gh fr qir uvdv s hwr dv t xh s hughudp r x v l q k d p v h x v h q v n t x h u l g r v l q v n u d g r v.

Cr p r gdgr df dg p lfr uhdydqv, s uhflvr ghvdf du t xh hwh hwxgr ds uhvqvd ghvup lqdgdv dp lvd hv uadfr qdgdv j hqhudd" d r gdv lqvus uhv hv udd" dgdv, s r lv lqyhwlj r x xp xqlyhwr p xlv uhvdr gh h| s hu qf l d v. Dhwh p r gr, r xwv hwxgr v s r ghur ds ur ixqgdudv glv xw hv dt xl ds uhvqvdgdv, d s dulugd glyhulif d r gh vxrlvr v hqvhylvldgr v.

Pr uilp, fr qf aj p r vt xh, vj xqgr dv s hufhs hv gdv sur ilwlr qdlv hqvhylvldgdv, d d v h u d r qr v uvdvlg gh ghvs hglgd, vdw hp vlv d hv gh v hup lqddgdgh t x d q v ds v r elv, s r gh dihv d up xlv d s hwr dv hp vxd vd gh p hqvlogr d l d q v n gh vdp dqkr ghvdlr, d dq dvh gr v uavv gh dp edv d s vlf aj dv fr p edv qd ghylgd dv hvdvud gd uhd qr v dnyr x dr hqvaglp hqv gh t xh r/d s ur ilwlr qdogd Pvfr aj ld hwhqf ldos dud dngdur/d hqavdgr/d d df hlvudh d vx s huduhv d t x h e u d q r f l f aj ylv d o

## f STSf b QVg

Dqj xP f""t yx/D1M-5345, 1D Ajv| r x t g r g q l w k h f c j r y j x j x i n x j y f j x r j z x y n u t x r s j x v z j h | j r aj Ot v j y t w t 1 ls O l E r f s h n j y n ( D 1 P 1 Q 1 P f h n f i t R w x 1 D g x t q i t j x h y j / j w i j x f k r x j j x y l y l r f x s f t v j s y f t j j x 0 h v f i j y j x j x i n x j y f j x u u 1 7 4 0 8 < , 1 l q w f s u t a x 2 V t S f z q H 1 X I V F 2 F t v j " 1

Dsi wri j /P 1Y1Qt wsnf /N1Vt w /F 1P 1J z j i x /J 1Fm rs n1 1Ungj n /O1F 1M1Vr hf /MD1-5353, 1R x u w n j n r x ; 3 i r f x  
i f u f s i j r n i f FRYLG04 < j r E j q K t w l t s y j = f h t s y j s t k j S r g r h f t 1 Q t / f H t s t r n / 635, / : 340  
: 6: 1m y u x 22 t n t w 243 148 < 3234360684296351

Ef w r s /O1-4 < : 1 D s q j i j h t s y j i t 1 O 1 D 1 U j y t ( D 1 S r s n j n r w w i x 1 1 O x g t f = i n j x : 31

E f y n x y f / H 1 F 1 P f y t x / O 1 D 1 O V ( Q f x h m j s y t / D 1 E 1 - 534 : , 1 D j s y y j | n x y f h t r t y h s h f i j r s | j x y h f t s f u j x v z n x f  
v z f q y f y h f 1 U j / n x y f L s y j w r x h u q s f w F n j s y k h f D u q h f i f / 446, / 5606; 1  
m y u x 22 w h f z s r g j x h t r b w w h f z f w h g 2 j n ~ 2 9 ; 29991

E v r " / P 1 V V ( 1 w s h t / P 1 K 1 S 1 - 534 : , 1 S w k x x t s f r x u f q y h n x y x j x z f x h t s y w g z n j x s f u v j | j s t i j q y t  
h t r u q h f i t 1 S x h t q l n f = F n s h r f j S w k x x t / 6 : 4, / < 304381  
m y u x 22 u j x v z n x f b | x f q i t w 2 u t w f q y x t z w j 2 u y 2 g r g q t Q 754641

F t r g r s f y t / G 1 V V ( T z j n w " / P 1 V 1 - 5339, 1 P t w j = r f | r x t u x h t x t h r i q H y z i t x i j S x h t q l n f / Q f y f q 445, / 53 < 0  
5491 m y u x 22 t n t w 243 148 < 32474606 < 71 53393335333431

F y j u f q n P 1 D Y V h m n i y E 1 Q t f q G 1 V V E t d j / V 1 G 1 D Y ( J f g f w w / O 1 P 1 - 5353, 1 V y w r s f q f i j / r t w j j q y t s f  
u f s i j r n i j F R Y L G 0 4 < i j r f s i f x u x h t q l n f x j r j w j s y x j m u q h f j x u w y n h f x 1 H y z i t x i j S x h t q l n f /  
F f r u r s f x / 6 : / 40581 m y u x 22 t n t w 243 148 < 324 < 5085: 853536: j 5333 < 31

G f s " r f s s / S 1 V 1 V r h f / D 1 F 1 S Y ( J z f " r s f / 1 P 1 Q 1 - 5354, 1 L r u q h f j x i f r t w j j q y t s f x f i j r j s y f q i t x z q r y t  
k j s y j u f s i j r n i 2 r u q h f y n t s x t k i j f y m f s i l w j k k t w y n j x z g q h y x r j s y f q n j f q m r s y n j k f h j t k y n j  
u f s i j r n i 1 G t s q j 1 U j / n x y f i j S x h t q l n f / 48-88, / 660841 m y u x 22 t n t w 243 1475 < 82 n t s q j 1 48, 88 63491

I j w s f i j " / P 1 V ( Q y f / J 1 - 5353, 1 K t ~ F t r r z s r l K j f q m Z t w j w f v j l f h r l F R Y L G 4 < S f s i j r n i r s E v r " r e  
S j w t s f q l j j q s l x / D h j x x y t U j x t z w j x f s i Z t v p s l S w h j x x l D w n h j x t k l f r r d P j i r h s j f s i J j s j w r q  
S w h y r h j / 84, / 44804551 m y u x 22 t n t w 243 169 < 8 < 28 : : 27 < 51

I w s h t / P 1 K 1 S 1 - 5343, 1 S t w z j j x y z i f w t q y t s f f y z f q f i j B l s P 1 K 1 S 1 l w s h t 1 R w 1 / l t w f t j w r u m j s y t i j  
/ s h z q x = R i n j r f i f x u j w f x s f f y z f q f i j u 14: 075, 1 V t S f z q / V S = V z r r z x l

J f q t / P 1 F 1 E 1 - 5343, 1 R q | f s y r j s y t g r g q t l w k h t j f u j x v z n x f h j s y k h f 1 l s O 1 M l w s h t ( D 1 G 1 F 1 S f x t x 1 R w x 1 /  
/ z s i f r j s y t x i j j u n j r n t q l n f u 16: : 06; < 1 V t S f z q = P f s t q 1

K t w j l f x / P 1 J V ( V f s y t x / F 1 F 1 - 5353, 1 F t | n 04 < j t q y t = x j r u t i j w i n j w t q m t f i j z x l U j / n x y f W f s x k t w r f w  
475, / 44 < 045: 1 m y u 22 ~ ~ ~ 1 x q i z b w w f s x k t w f w s i j S l u m u 2 w f s x k t w r f w f w h g 2 j n ~ 26; 51

Q f q E 1 U Y M s n t w D 1 K 1 D Y R q j n f / G 1 F 1 Q 1 O s x / M K 1 J 1 V h f x / O 1 V 1 P 1 Q t w s n f / U 1 K 1 P 1 M 1 F t j q n t / N 1 V 1 F 1 - 5354, 1  
V f i j r j s y f q i f k r q n i j | y n f x q y f x i t F R Y L G 0 4 < = f i t w i t q y t s t | n j s h r f i t 1 l s V 1 D 1 E f w g t x f  
M s n t w R w x 1 1 V y r f x j r x f i j h t q y h f = F t / n 04 < 1 S t s y f J w x f / S U = D y j s f 1  
m y u x 22 ~ ~ ~ f h f i j r n i 1 i z 2789769 < 52 V y r f x d j r d V f i j d F t q y h f d F t | n d 4 < 1

O x g f / P 1 O 1 - 5335, 1 G r f j s i t f i j z x = j k y n t x y w u z y h t x i t w y z f q i j i j x u j i n f s f m r s s h r f i f r t w j / j r  
k r r a f i y x i j u f h j s y x h t r u w l s x y h t y j x j w f i t 1 G r x j y f t P j x y w i t, 1 X s n j w n f i j l j i j w q i j V f s y f  
F f y w s f / F j s y w i j l r q x t k f j F n s h r f x K z r f s f x 1 S w l w r f i j S x o l w i z f t j r S x h t q l n f 1  
m y u x 22 j u t x y t w t z k h b w n f s i q 2456789: : < 2 59 < 31

O x g f / P 1 O V ( F y j u f q n P 1 D 1 - 5336, 1 U y z f q i j i j x u j i n f j r k r r a f i y x i j u f h j s y x h t r u w l s x y h t y j x j w f i t 1  
U j / n x y f S f n n / 46-58, / < 043 < 1 m y u x 22 ~ ~ ~ 1 w i f q h t w 2 f w h z q t f B n @ 63875868433 < 1

Pfrsfwjx/M( FfVfqr/UF1P 1-534<1DzytijhQv t i j uvs hunt x j i j uw h j i m j s y t x y h t x s f u j x v z n f j r  
H z h f t 1 l s D Q S H G 1 D x t h r i t Q f h r t s f q i j S x O l v i z f t j S j x v z n f j r H z h f t 1 R w l l y h f j  
u j x v z n f j r H z h f t = / z g x i r t x + u u 1 4 5 < 0 4 6 5 , 1 U n i j M l s j n v = D Q S H / 4 6 6 u l l 1 4 1  
P f w z j x / P 1 - 5 3 4 8 , 1 Q z y t j x f i j r j s y f q S x r h t q l r i l y O x g t f Ó S z g a h f j x j r O s l z f S t w y l z j x f 1  
myux=2~::~ luxht q l r i l y z f w h t x 2 j S y t x 2 D 3 ; 8 4 l u i k l  
P g j r g j / D 1 - 5 3 5 3 , 1 R i n j r y t z s r h j w f q v j x u n f t 1 V t S f z q = Q 0 4 j i n j x 1  
Q f x h m j s y t / D 1 U Y D g w m t / E 1 D 1 U Y V r q f / E 1 N I E 1 V ~ j w x / O I V Y J t r j x / O I H I V Y D q j x / P 1 W O V ( V r q f / Q 1 O I U 1 - 5 3 5 3 , 1  
U n z f r x i j i j x u j i n f s t h t s j S y t i f u f s i j r n i f F R Y L G 0 4 < 1 F f i j v s t x H S O l j / r x y f F n j s y k h f i f H k h t q i j  
V f i j S g a h f i t F j f w / 4 7 4 , / ; 3 Q 8 1 myux=2 h f i j v s t x l x u h j 1 t l b w s i j S l u m u 2 h f i j v s t x 2 f w h g 2 l n i ~ 2 6 ; 7 1  
Q z s j x / M - 5 3 5 3 , 1 D u f s i j r n i j F R Y L G 0 4 < = j h z w y r f t / h w x j s j t a j v w q f | z q j w g r a f t l q g f q F f i j v s t x G j  
V f i j S g a h f / 6 9 8 , 1 myux=2 t r t w 2 4 3 4 8 < 3 2 3 4 3 5 0 6 4 4 [ 3 3 3 9 6 4 5 3 1  
R q j n v C f f w t x t / 1 D Y V r q f / E 1 F 1 D Y V f s y t x / M K Y Q y v a / O I V Y D h h t w s n D 1 J Y ( V f s y t x / P 1 D 1 - 5 3 5 3 , 1 H j r y t x i f  
x z u v j x x t i j w y z f r x k s j g v j x i z v r s j f u f s i j r n i j F R Y L G 0 4 < j r k f r r a f v j x j s q y f i t x l U j / r x y f O f y s t 0  
D r j w h f s f i j H b k j w f l j r / 5 ; / 4 0 < 1 myux=2 t r t w 2 4 3 4 8 < 3 2 4 8 4 ; 0 6 7 8 7 8 4 < 6 6 9 4 1  
U j r x / U 1 - 5 3 5 3 , 1 D v j y w h f i f h w x j = G j r t h w h r i j j x y f g r a f i j r s x y z h r t s f q s t E v w x r j r y j r u t x i f u f s i j r n i j  
h t w s f | w x l U j / r x y f Q D X V t h r f q E f m f / 4 4 - 5 3 , / 4 7 8 0 4 8 8 1 myux=2 t r t w 2 4 3 k : 4 2 s x l 4 4 r 5 3 6 9 8 7 8 1  
V r q f / J 1 U 1 I Y P f h i t / N I Q 1 I Y U j g t z f x / F 1 E 1 D Y ( V t z " f / D 1 P 1 D 1 - 5 3 3 9 , 1 H b y j | r x y f h t r t y h s h f i j u j x v z n f  
v z f q y f y h f 1 R s q s j E v r " r a f s M l z w f q t k Q z w r s / / 8 5 , / 5 7 9 0 5 8 : 1  
myux=2 ~ ~ ~ t g a z w r s l z k k g w r s i j S l u m u 2 z w r s l 2 f w h g 2 l n i ~ 2 6 ; 5 2 ; 1  
V t z " f / F 1 S Y ( V t z " f / D 1 P 1 - 5 3 4 < , 1 U n z f r x k s j g v j x s t u w h j x t i t q y t = V h s r h f i t x j k z s j x l S x r h t q l r i l y t w h j  
S j x v z n f / 6 8 1 myux=2 t r t w 2 4 3 4 8 < 3 2 3 4 3 5 6 ; : 5 j 6 8 7 4 5 1  
V j r s j n v / F 1 I 1 V Y V t f v j x / F 1 P Y V t z " f / H I D Y O x g t f / H I V Y S r s y t / U F 1 P Y D s i v i j / O V ( H u j w i n t / P 1 D 1 - 5 3 5 3 , 1 D x f i j  
i t x u v k x x r t s f r x i j x f i j s t j s k j s y f r j s y t i f u f s i j r n i j F t | n 0 4 < 1 U j / r x y f F n s h r f ( V f i j F t g y h f /  
5 8 / 6 7 9 8 0 6 7 : 7 1 myu=2 h j s h r i j x f z i j h t q y h f h t r b w f w h t x 2 f O f z i j O t x O u w k x x r t s f r x O j O f z i j O s t O  
j s k j s y f r j s y t O f O u f s i j r n i j O j O h t | n 4 < 2 4 ; 9 6 7 B i n @ 4 ; 9 6 7 ( n @ 4 : 9 6 7 1  
Y j w r x / W I M V 1 - 5 3 5 3 , 1 Q j l f h r t s r x t | n v q j u t q y h f j S j w r s r x y f = Q t y f x x t g v j t h f x t g v r x q j n v i f F t | n 0 4 < 1 Y t q s y f x =  
U j / r x y f l s y j v s f h r t s f q i j l r a t x t k f / V f s y f P f w h / 4 4 / 4 0 4 6 1 myux=2 t r t w 2 4 3 8 < 3 5 2 5 4 : < 6 ; : 9 7 6 < 6 7 1

# dSf QSD c RS gi dc f hS gc QW\_ S Sghf SggS Sa dOQWb hSg f Sb OWj Sa hf OhOa Sbhc VSa c RW\_ hWc

SHUF HSWR Q RI VR FIDOVX SSR UWDQG WUHW LQ UHQDOSDW HQW XQGHU KHP R GIDQ VLV WUHDWP HQW

XÂÊ RuÔx xu g"Ôy"Eu a ÂÂ"ã 4T"Ây f ÂxÉ" ÔyÊ guÁÍ ÂÊ dyÉy"Eu 4b x"u dÊuàYÉyÊ d"Á-y"ÊÂQuÊÀàÀ

## f yÊÓ<sup>3</sup> Â

Ewñ dulj r vñyh fr p r r erñvlyr dqdôvdud thæl r hqwn vxsr uñ vr fldoh hwnhwn  
shuf helgr hp sdf lhqvñv hp vñvñp hqw khp r gldovfr. Uvld"r x-vñ der ugdj hp  
txdqvwñvlyd h dqdovfr d. Tdqvñ h xp lqgly gxr vñvñs r qghudp d xp Qxhwñr q ùr  
Srflr ghp r j u ilfr h Coqlfr, d Evfdæl gh Phufhs r gh Sxs r uñ Sr fldo- Agxov  
(EPSUS-A) h d 10-lvñp Phuf hlyhg Svñhw Sf dñh (PSS-10). Ovgdgr vir udp dqdôvdgr v  
xvld" d qgr r v vñvñv duhv SPSS h JASP. Ov uhv xov dgr v lqglf dñp txh r vñvñp hqw  
s r gh vñu xp idw u hwnhwn r d shufhs r gh vxsr uñ vr fldogr v sdf lhqvñv vñ  
dñvñp hkd p gld gd s r s xæl r hp j hñdoh r hqñhqvñp hqw gh s u eñp dv,  
fr p s r qhqvñ gr vxsr uñ vr fldofr uñvñl r qd-vñ qhj dñvñp hqvñ fr p r v q yhlv gh  
hwnhwn. O hwngr ghvñvñl d d qdñvñh" d ghvñldgr u d gr vñvñp hqw khp r gldovfr,  
d p dqxvñq r gr vxsr uñ vr fldofr p r xp dñvñ hf wñ uñvñd hqvñ qd dgds vñl r  
svñfro j lfd gr v sdf lhqvñv d fr qgl hv dgyhwdv gh vñ gh h vxj hñ txh  
hwnvñj ldv gh ds r lñr hvñ hf ilfdv s r ghv ghvñp shqkdu xp s ds hof uñ fldo qd  
p lñj d r gr hwnhwn shuf helgr.

**du"uÔÊuÊSw-uÔy:** Sxs r uñ Sr fldo Ewñhwn; Hhp r gl ðvñ.

## Ov ÊÍ Êuñ

Tklv s ds hu dlp hg wñ dqdô "h vñh uñvñv qvñls ehvñ hñq vr fldo vxsr uñ d qg  
shuf hlyhg vñhw lq s dñhqw xqghj r lqj khp r gldô vñv. A txdqvwñvlyh d qg  
dqdô vñl d ds s r dfk z dv xvñg. Tklvñ-r qh s dñvñl s dqw uñvñs r qghg wñ d  
Srflr ghp r j uñs klf d qg Cdqlf do Qxhwñr qdñlñ, vñh Phuf hlyhg Sr fldo Sxs r uñ  
Sf dñh - Agxov (EPSUS-A) d qg vñh 10-lvñp Phuf hlyhg Svñhw Sf dñh (PSS-10). Ddñl  
z hñ dqdô "hg xvñq SPSS d qg JASP r vñvñv duh. Tkh uhv xov lqglf dñvñ vñdñv  
vñdñp hqwf d q eh d vñhwn u s dñhqw Ês hufhs vñr q r i vr fldovxs r uñvñ vlp lñu wñ  
vñh dyhñj hñr uñvñh hñhñd s r s xælñr q, d qg fr s lqj z lñk s u eñp v, d fr p s r qhqw  
r i vr fldovxs r uñvñ uñvñvñv qhj dñvñhó z lñk vñhwn ðñyhñ. Tkh vñg' klj kñj kw  
vñh fkdñhñj lqj qdñvñh r i khp r gldô vñv vñdñp hqw vñh p dñvñq d qñ h r i vr fldo  
vxsr uñvñ d uñvñd hqvñvñs hf vñlq s dñhqw Ês v' fkr ñ j lfd dñvñd vñvñ q wñ dgyhñ  
kñdñk fr qglñr qv, d qg vxj j hwn vñdñvñs hf lñlñ vxsr uñvñvñvñhñ lñv p d' s ð' d  
f uñ fldoñr ðñ lq p lñj dñvñj s huf hlyhg vñhwn.

**ZyâÚ ÂÊx ÊÊS** r fldo Sxs r uñ Svñhw; Hhp r gldô vñv.

P vj u d g x d q g r h p s u r j u d p d g h  
R h v l g q f l d M x o l s u r i l w l r q d o h p  
S d g h - u h d A v h q r h p S d g h  
R h q d o C r q v ñ v :  
s v l g d y l g @ j p d l o f r p

M h w d q g r h p C r j q l r h  
C r p s r u d p h q w s h o P u r j u d p d  
g h P v G u d x d r h p P v l f r ñ j l d  
( P P G P v l ) g d U q l y h u l g d g h F h g h u d o g r  
g h S r C d u v ( U F S C d u )

D r x w u d h p P v l f r ñ j l d C o q l f d h  
C x o x u d ( U q B ) . P u r i h w r u d g d  
G u d x d r h g r P u r j u d p d g h P v  
G u d x d r h p P v l f r ñ j l d g d  
U q l y h u l g d g h F h g h u d o g r  
M d u d q k r ( U F M A )

**Sx"Í ÂÊuÊÊwñx ÂH** l d q d q d C u l w l q d  
g h S r x v d B h u v ñ g r h M d u l q v

**f yvñv"x Ây<sup>3</sup>** H07/02/2024

**Ovñ"Í Ây<sup>3</sup>** H05/07/2024

**d Ôv<sup>2</sup> wñx Ây<sup>3</sup>** H23/12/2024

**Q'ÍuÊ** Mr qñ", J. D. gd S., Phñlñd, F. R.  
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hwnhwn hp sdf lhqvñv uñvñvñp  
vñvñp hqw khp r gldovfr. *Mr vñlfr:*  
*Ewñgr vñp Pñlfr ñ j l d* 12(1), 181-  
194.





## W h f c R i c

Av gr hq dv uhqdlv fu qlf dv (DRC) v r f d d f v h u " d g d v , g h p d q h l u d j h u d o s r u d o h u d h v g h p o l s a l v f d x v d t x h d i h v d p v d q w d i x q r t x d q w d h w u x v u d q h i u o j l f d . A v s u q f l s d l v f d x v d h i d w u h v g h u v r s d u d r g h v h q y r q l p h q w g d l q x i l f l q f l d u h q d o h p d g x o r v v r r g l d e h v n p h o v x v ( D M ) h d k l s h u h q v r d u h u d o v l w p l f d ( H A S ) . O g l d j q w l f r g d l q x i l f l q f l d u h q d o f u q l f d , r x v h r d , g d s h u g d s u r j u h w l y d h l u h y h u y h o g d i x q r u h q d o u h d d " d g r s r u p h l r g r d i h u p h q w g d T d l d g h F l o u d r G o p h u x a u ( T F G ) , t x h u s u h v h q v d i x q r u h q d o g r l q g l y g x r s r u p h l r g r f d x o g h g h s x u d r g h v x e w q f l d v . P d u d t x h d j x p v h r d g l d j q r w l f d g r f r p l q x i l f l q f l d u h q d o f u q l f d , i r l h w d e h d f l g d x p d T d l d g h F l o u d r G o p h u x a u g h 6 0 p L / p l q / 1 , 7 3 p , s u h v h q v n s r u q r p q l p r v a v p h v h , d f u h v l g d g h d v r q r s d u q t x l p d u h q d o r x d o h u d r h p h l d p h g h l p d j h p ( B u d l o v . g . ; B u d l o 2 0 1 4 ; K D O Q I , 2 0 1 5 ) .

Q x d q g r d l q x i l f l q f l d u h q d o d l a j h q y h l v f u v l f r v f r p u h g x r v l j q l i l f d l y d g d i x q r u h q d o r x v h r d , t x d q g r h w d l a j h v h x h w j l r i l q d o r v u q v m q r f r q v h j x h p p d q v h u d k r p h r w d v h l q v h u d g r r u j d q l p r , w u d q g r - v h q h f h w u r r s u s d u r x r l q f l r l p h g l d w g d v h u d s l d u h q d o x e w l v x v l y d ( B r q d w & F h u d q d g h v , 2 0 2 2 ; B u d l o 2 0 1 4 ) . A v p r g d d g d g h v g l v s r q y h l v g h T h u d s l d R h q d o S x e w l v x v l y d v r : v a d v a l p h q w f r q v h u y d g r u l q v h q v l y r , v a d q v s a l q v h u h q d o g l d v h s h u l w q h d o h k h p r g l d v h .

A k h p r g l d v h v n p s r u i l q d d g d g h s u r p r y h u d i l o u d r g r v d a j x h s r u p h l r g h x p f l u f x l w h l v d f r u s u h r h p t x h u h d d " d g r r s u r f h w r g h g l i x v r h x o u d i l o u d r , y l v d q g r d x e w l v x l r g d i x q r u h q d o e u h l u d u x e w q f l d v x u p l f d v ( w l f d v ) h h l f h w r g h o t x l g r v e h p x p s h u r g r g h v h u p l q d g r h u j x a l p h q v n ( B r q d w & F h u d q d g h v , 2 0 2 2 ; B u d l o 2 0 0 4 ) . A p t x l q d u h f h e h r v d a j x h g r s d f l h q v n s r u d f h w r y d v f x a l u l p s x o l r q d q g r - r d s d w d u s h o g l d d v d g r u t x h s r w x l x p d p h p e u d q d v h p l s h u p h y o t x h u h l u d o t x l g r h v x e w q f l d v h p h l f h w r , g h y r q h q g r r v d a j x h d y h g h l p s x u h " d v . G h u d o p h q v n , r s d f l h q v n u h d d " d h w h s u r f h g l p h q w g x u d q v n t x d v r k r u d v s r u g l d , w v y h " h v s r u v h p d q d ( B u d l o 2 0 1 4 ) .

M x l v d u h s h u f x w h v v r f r p x q v h p s d f l h q v n h p s u r j u d p d u j x a l u g h k h p r g l d v h . A s h v d u g r v e h q h i f l r v g r v a d v a l p h q w , h w h s r g h v h u f r q v l g h u d g r r q h u v r , h l j l q g r x p d v u h g h d g d s v d h v v l w n p v l f d v . D h w d f d p - v h u s h u f x w h v v a d q w d q y h o i v l f r t x d q w s v l f r o j l f r h v r f l d o A g x q v g r v h w h h w r u h v s v l f r w r f l d v g h l p s d f w q h j d l y r s r g h p u s h u f x v l u q r t x d g u r f o q l f r , f r p r g h d u x p , h p d l v f r p x p h q v n , d o h u d h v g h k x p r u h v a d q w u r v g h g h s u h w r h d q v l h g d g h , e h p f r p r t x h g d g d t x d d g d g h g h y l g d ( C r k h q h w d o , 2 0 1 6 ) .

A s u h v u l r g d v h u d s l d u h q d o x e w l v x v l y d g h y h v h u d w r f l d g d d x p d v u h g h p x g d q d v f r q v n l v d l v , f r p d q h f h w l g d g h g h d g h u q f l d d x p q r y r h w l o g h y l g d h d g r r g h q r y r v f r p s r u d p h q w v , v a l v f r p r u h w d r k g u f d , d g d s v d h v q x w l f l r q d l v , x v d d " d r g h p h g l f d p h q w v , f r q w r d h g h f r p r u e l g d g h v , f x l g d g r v f r p d f h w r v y d v f x a l u h v , d g d s v d r g h u v l q d , u h d d " d r g h h l d p h v p g l f r v , f r q x v a d v s h u l g l f d v , h q v h r x v a d v . A o p g l w r , r s d f l h q v n h w y x a j h u y h o d g l y h u d v f r p s d f d h v d j x g d v h f u q l f d v , t x h s r g h p v x j l u r x v h u s r v h q f l d d " d g d v q r f x u r g r v h x v a d v a l p h q w , f r p r k l s r v h q v r , f u l v h v f r q y x o l y d v , d q h p l d , g l w u e l r v f r j q l v l y r v h d w p h v p r p r u h v e l v d ( B r q d w & F h u d q d g h v , 2 0 2 2 ) .

D l d q v n g l w r , s r g h - v h d s r q v d u x p d v u h g h h w h h w r u h v s u h v h q v n q r f r q v n l w h h l s h u l q f l d g r s d f l h q v n h p v a d v a l p h q w k h p r g l d o v l f r , x p d y h " t x h h w d u s u h v h q v d x p d u x s v a d h p v x d k l w u d g h y l g d , d v r f l d g d f u r q l f l g d g h g d g r h q d h d r v a d v a l p h q w u j r u r v r , f r o f d q g r - r h p f r q v a d v f r p d s r w e l d g d g h g h v x d i l q l v x g h h g l p l q x l r g d v x d t x d d g d g h g h y l g d ( l e l d s l q d h w d o , 2 0 1 6 ; N d v f l p h q w , 2 0 1 3 ; V d o h h w d o , 2 0 1 3 ) .

H , d w l p , x p d g h v d p r q l d r j q l f d h s v t x l f d h p v h x g r p q l r s v l f r v r f l r d i h v l y r , u h s u h v h q v d q g r x p d e d o r q d f r a g l r g h v h u p v h x p h l r h d o h u d a g r g l q p l f d v h p r g r g h u d e r f r q v l j r p h v p r h f r p r p x a g r , q h f h w l v d a g r d w x p l u x p d q r y d f r a g l r ( S h e d w l d q l & S d q v r , 1 9 9 6 ) .

M x g d q d v q r v s d s l v r f l d l v h i d p l d d u h v ( v d l v f r p r g h l | d u g h v h u r s u r y h g r u g d i d p d d , r x q r s r g h u f x l g d u g r v i l d r v ) , d s r v h q v d g r u d h v h q v d r g h l q y d d g h " , u h w d h v , s u r e d h p d v i l q d q f h l u r v , d p l v d h v q r g h v h p s h q k r i x q f l r q d o p h g r g d p r u h h h y r a r g d g r h q d , l v r d e p h q v g h y l g r d y l d j h q v s u r o q j d g d v h p u d " r g r u d d e p h q v , h d o h u d h v q d d x w l p d j h p h d x w s h u f h s r ( s u h v h q d g h f l f d w l " h v , f d v h v h u h , i v x a d v , d o h u d h v w h d v , g l p l q x l r g h p d w d p x v f x a u d q h p l d , h g h p d v , i d g l j d , h v f . ) v r y d u y h l v t x h s r g h p g h v h q f d g h d u h w h w h ( G u l q f h n r z , 2 0 2 2 ; R x g q l f n l , 2 0 1 4 ) .

A g h i l q l r g h h w h w h q r f r q v h q v x d o s r v x l a g r , d w k r r h , d e r u g d j h q v g l w l q v d v g h f r p s u h q v r h d y d d d r . D h p d q h l u d j h u d o s r g h v h u f r p s u h h a g l g r f r p r x p d u h d r f r p s d h | d t x h h a y r o y h f r p s r q h q v h v i v l f r v , s v l f r o j l f r v h k r u p r q d l v g l d q v h g d q h f h w l g d g h g h d g d s d e r r x g d s h u f h s r g h h w p x o v t x h s u r y r f d p h l f l v d r h p r f l r q d o E p i d v h v l q l f l d l v g h h w h w h , h w h s r g h v h u f r q v l g h u d g r s r v l y r t x d q g r p r g h u d g r , x p d y h " t x h p r e l d " d r r j d q l v p r s d u d d r s r u p h l r g h d o h u d h v i l v r o j l f d v , f r p r d x p h q v g d s u h w r d u h d o h i u t x q f l d f d u g d f d ( B u d a g r , 2 0 0 5 ; L l s s , 2 0 0 0 ) . E p i d v h v p d l v s u r o q j d g d v , s r g h k d y h u g h v j d w h j h q h u d d " d g r , h v j r v d a g r r v u h f x u r v s h w r d l v g r l a g l y g x r , s u h g l v s r a g r - r d r g h v h q y r o y l p h q v g h v r i u l p h q v s v t x l f r r x d g r h f l p h q v p h q v d o h , h p q y h o f h u e u d o d i h v d a g r d f d s d f l g d g h g h p h p u d h d s u h q g l " d j h p g h f r u h q v h v g d d e h u d r f r q w x d g h f r u l v r o h r x w r v k r u p q l r v u h v x o d q v h v g d d v y d r i l v r o j l f d , d o p g h u v r v i v l f r v f r p r s u r e d h p d v g l j h w l y r v h f d u g d f r v ( D d o j d a l u r a g r , 2 0 0 8 ; L l s s , 2 0 0 0 ; M d j l v h w d o , 2 0 0 3 ) .

E p s r s x a d r f r p D R C h p k h p r g l d v h , h w x g r v h p f r q v h | w e u d v d h l u r w p d s r q v d g r q y h l v v l j q l i l f d v l y r v g h h w h w h . V d o h ( 2 0 1 3 ) , h p s h v t x l v d u d d " d g d f r p 1 0 0 s d f l h q v h v d g x o v v k h p r g l d o v l f r v q r R l r G u d a g h g r N r u h , u h i h u t x h 7 1 % g r v s d u l f l s d q v h v g d s h v t x l v d d s u h v h q v d u p q y h o h d y d g r g h h w h w h . E p r x w r h w x g r , u d d " d g r h p v h u y l r p y h o g h k h p r g l d v h g h h p h j q f l d g d f l g d g h g h N d v d o f r q w d v x - v h t x h , g h q w h r v 4 0 0 s d u l f l s d q v h v g d s h v t x l v d , 7 9 . 7 % d s u h v h q v d y d p d o j x p j u d x g h h w h w h ( C d y d d f d q v h h w d o , 2 0 2 2 ) .

P d u d d o p g r v u h f x u r v l q v h u q r v q r h q i u h q v d p h q v d r h w h w h , g h y h p r v f r q v l g h u d u v d p e p r v h l v h u q r v , s u l q l s d o p h q v h r d s r l r v r f l d o E w x g r v d s r q v d p t x h , g l d q v h g h v l x d h v h w h w d q v h v , v x r h l w v t x h s h u f h e h p x p q y h o h d y d g r g h v x s r u h v r f l d o h | s h u p h q v d p h q r v h w h w h h g l v s h p g h p h g l g d v p d l v h i h v y d v s d u d h q i u h q w - o ( S w a d x e , 2 0 1 4 ) .

O v x s r u h v r f l d o u h a f l r q d - v h s h u f h s r g h e h p - h w d u h p r f l r q d o g r v l a g l y g x r v , v h a g r f r q v l g h u d g r x p d y d u y h o s u r v h w u d q r s u r f h w r g h p d q h m g r h w h w h h d g r h f l p h q v ( C d u g r v r & B d s v l w d , 2 0 1 4 ) . f r p s u h h a g l g r f r p r p x o l g l p h q v l r q d o v h a g r g l y l g l g r h q w h w a v g l p h q v h v : I ) h p r f l r q d o t x h v h u h i h u d d r t x d q w d s h w r d s h u f h e h d d i h v l y l g d g h d g y l a g d g h r x w d v s h w r d v h p u d e r d v l , h v h s h u f h e h d p d g d ; I I ) l q w x p h q v d o t x h l a g l f d f r p r d s h w r d s h u f h e h r d x | d r t x h u h f h e h g h i r u p d s u v l f d r x p d v h u d o f r p r s r u h l h p s o i l q d q f h l u d p h q v h ; h I I I ) l q i r u p d v y d , t x h v d v d g d u h f h s r g h l q i r u p d h v t x h d n a g h p f r p s u r e d h p d v g r g l d d g l d ( C d u g r v r & B d s v l w d , 2 0 1 4 ) .

A l q y h w l j d r v r e u d u d e r h q w h v x s r u h v r f l d o h h w h w h v h p v l g r u d d " d g d h p l a g l y g x r v f r p f r a g l h v f u q l f d v g h v d g h . A r l q y h w l j d u r l p s d f w g r v x s r u h v r f l d o h p s d f l h q v h v f r p g r h q d u h q d o

fu qlf d h p h w j l r v h u p l q d o ( D R C T ) v x e p h v l g r v g l d v h s h u l w q h d o X l d r - Q l q j Y h h w d o ( 2 0 0 8 ) l g h q v i l f d u d p t x h r v x s r u h v r f l d o s d u h f h g h v h p s h q k d u x p s d s h o l p s r u d q v h q d p l v j d r g r h w h w h s v l f r o j l f r g h w h v s d f l h q v h v , l q i x h q f l d q g r v d q w d v s u h r f x s d h v h v s h f i l f d v t x d q w r v v l q w p d v j h u d l v g h d q v l h g d g h h g h s u h w r . E p r x w d l q y h w l j d r , x p h w x g r q r f r q v h | w g r H I V / A l g v g h w d f r x d d w r f l d r l q y h u d h q v h v x s r u h v r f l d o h h w h w h s h u f h e l g r , l q g l f d q g r t x h x p d u h g h g h d s r l r p d l v u r e x w d v h f r u h a f l r q d q h j d v l y d p h q v h f r p r h w h w h y l y h q f l d g r s r u s d f l h q v h v q r R l r G u d q g h g r S x o B u d M o ( C d q y h w h w d o , 2 0 1 6 ) .

F u h q v h d r h | s r w r , r s u h v h q v h h w x g r q r u h l d - v h s h a d v h j x l q v h s h u j x q v d : Q x d o d u h a d r h q v h v x s r u h v r f l d o s h u f h e l g r h h w h w h h p s d f l h q v h v f r p D r h q d R h q d o C u q l f d ? D h w d u h , r r e r h v l y r j h u d o d q d d v d u d u h a d r h q v h v x s r u h v r f l d o h h w h w h s h u f h e l g r v h p s d f l h q v h v f r p D r h q d R h q d o C u q l f d h p v a d v l p h q w k h p r g l d o v l f r h p x p H r v s l v d o U q l y h u l w u l r .

A r f r p s u h q g h u d s h u f h s r g r d p e l h q v h v r f l d o h f r p r r s d f l h q v h f r q f h e h h d g d f r p v l w d h v h w h w d q v h v , s r g h - v h r i h u f h u v x e v g l r v s d u d d v l e x l u d r v x s r u h v r f l d o x p i d w u g h s u r v h r v d g h p h q v d o g h w d s r s x a d r . N h w h v h q v l g r , r v u h v x a d g r v g h w h h w x g r s r g h u r f r q i h u l p s r u w q f l d d y d d d r v x e r h v l y d g r v x s r u h v r f l d o v d q w t x d q w v d y d d d h v r e r h v l y d v g h w d s r s x a d r q r f d p s r f l h q w i l f r . E p x p d s h u s h f v l y d e l r s v l f r w r f l d o h p v d g h , l w r v h g d d v l p e p s r u p h l r g r u h r q k h f l p h q w g r s d f l h q v h f r p D R C h p k h p r g l d v h h q t x d q w d o x p t x h v l p e p s r w x l q h f h v l g d g h v r f l d l v g h v h j x u d q d , l q v h u d r h d i h w .

N r t x h v h u i h u d v l w w q f l d r s d f l h q v h q d k h p r g l d v h , h w h h w x g r s r g h u r i h u f h u u h d y q f l d q r t x h v d q j h v h q v e l d " d r g d h t x l s h p x o l s u r i l w l r q d o p g l f d h g h s v l f r o j l d d w d q v h v h p q h i u r o j l d s d u d r f x l g d g r g r s d f l h q v h s d u d o p g d h v i h u d r j q l f d . D h w d u h , h v s h u d - v h f r q v l e x l u f r p r d s u p r u d p h q w g h u h f x u r v g h d y d d d r s v l f r w r f l d o h g h v h q y r o l p h q w g h s u v l f d v t x h d y h p h p v h x e r m d y l q f x a d r g h w h s d f l h q v h f r p v x d u h g h g h d s r l r f r p r i d w u v l j q l i l f d v l y r , h p g h v l p h q w g h s u v l f d v h | f a v l y d p h q v h l q g l y l g x d d " d q v h v h g h v f r q v h | v x d d " d g d v g h p l q l p l " d r g h h w h w h .

## a íÀxÀy a uíyÉu'É

O s u h v h q v h h w x g r v a d v l - v h g h x p d s h v t x l v d g h f d p s r v d q v y h u d o g r v l s r d q d o v l f d h g h d e r u g d j h p t x d q v l w l y d s d u d l q v h s u h v d r g r v g d g r v r e v l g r v . A s h v t x l v d i r l v x e p h v l g d P a d v l i r u p d B u d M o ( C A A E : 6 7 6 5 2 0 2 3 . 5 . 0 0 0 0 . 5 0 8 6 ) h d s u y d g d s h o C r p l w g h v l f d g r H r v s l v d o U q l y h u l w u l r g d U q l y h u l g d g h F h g h u d o g r M d u d q k r ( P d u h f h u q x 6 0 1 6 9 3 3 ) .

A d p r w d g h s d u l f l s d q v h v i r l f d u f v h u d " d g d s r u p h l r g r Q x h w l r q u l r S r f l r g h p r j u i l f r h C o q l f r , x p l q w x p h q w g h v h q y r o l g r s d u d h w d s h v t x l v d . f r p s r w r g h g x d v s d u h v . A s u p h l u d s d u h d y d d d r v v h j x l q v h v g d g r v r f l r g h p r j u i l f r v : v h | r , u d d , r u h q v d r u d j l r v d , u h q g d i d p l d d y f r p s r v l r i d p l d d u h h v f r a d u g d g h . A v h j x q g d s d u h d y d d d g d g r v f o q l f r v g r s d f l h q v h : g l d j q w l f r s v l f r s d w o j l f r h x v r g h s v l f r w s l f r v . E w d v l q i r u p d h v i r u d p x v l d " d g d v s d u d d f d u f v h u d " d r g r v s d u l f l s d q v h v t x h s d w d d v h u g h v f u v d d v h j x l u

P d u l f l s d u d p g r h w x g r 3 1 s h v r d v f r p l g d g h v h q v h 2 0 h 5 3 d q r v ( M = 3 4 . 9 7 ; D P = 8 . 5 4 ) , g d v t x d l v 7 4 . 2 % h u d p g r v h | r i h p l q l r . E p u h a d r d r q y h o h v f r a u 3 . 2 % s r v x d p e d l | d h v f r a d u g d g h , 1 9 . 4 % f x u d u d p r x f r q f a u d p r E q v l q r F x q g d p h q v d o 6 1 . 3 % f x u d u d p r x f r q f a u d p r E q v l q r M g l r h 1 6 . 1 % f x u d u d p r x f r q f a u d p r E q v l q r S x s h u l r U Q x d q w u h q g d p h q v d o 5 4 . 8 % u h f h e l d p d w 1 v d o u r - p q l p r , 3 8 . 7 % h q v h 1 h

3 v d o l r - v - p q l p r v h 6.5% h q w h 3 h 5 v d o l r - v - p q l p r v . N r t x h g l " u h v s h l w f r p s r v l r i d p l d d y 54.8% s r w x d p f r p s d q k h l r v ( d v ) h 61.3% s r w x d p i l d r v . T r g r v r v s d u l f l s d q v h v g r h w x g r v h d x w g h f æ l u d d p q h j u r v , v h q g r t x h 74.2% v h d x w g h f æ l u d d p s d u g r v h 25.8% v h d x w g h f æ l u d d p s u h v v . S r e u h d u d j l r , 51.6% h u d p s u r v h w d q v h v , 35.5% h u d p f d w d f r v , 9.7% h u d p g h r x w d v u d j l h v h d s h q d v 3.2% q r s r w x d p x p d r u h q v d r u d j l r v d . E p u h æ l r v f r q g l h v f o q l f d v , 9.7% h w d y d p h q w h 6 d 11 p h v h v u d d " d q g r k h p r g l d v h , 12.9% h q w h 12 h 24 p h v h v h 77.4% h w d y d p k p d l v g h 24 p h v h v , 16.1% s r w x d p g l d j q w l f r s v l f r s d w o j l f r , h q t x d q w 12.9% x v d y d p s v l f r w s l f r v .

A o p g r Q x h w l r q u r S r f l r g h p r j u i l f r h C o q l f r , i r u d p x v l d " d g r v r x w r v g r l v l q w x p h q w v s d u d d y d d d r g h f r q w x w v s v l f r o j l f r v . A E v f d æ l g h P h u f h s r g h S x s r u h S r f l d o à A g x o w ( E P S U S - A ) ( C d u g r v r & B d s v l w d , 2014) d y d d d d s h u f h s r g h v x s r u h v r f l d o h p d g x o w v g h 18 d 62 d q r v . f r p s r w r s r u 36 l v h q v t x h v r u h v s r q g l g r v q x p d h v f d æ l v l s r L l n h u g h 4 s r q w v ( 0 = q x q f d d 3 = v h p s u h ) . A E P S U S - A v h g l y l g h h p t x d w r v x e h v f d æ l v r x i d w u h v . A i h v l y r ( 17 l v h q v ) , l q v h u d h v S r f l d l v ( 5 l v h q v ) , l q w x p h q v d o ( 7 l v h q v ) h E q i u h q v d p h q w g h P u r e d n p d v ( 7 l v h q v ) . N r p d q x d o g r l q w x p h q w , r v y d æ u h v g r d æ d g h C u r q e d f k u h æ l d g r v s d u d r v t x d w r i d w u h v r l j x d l v r x v x s h u r u h v d . 89. U v l d " r x - v h , d l q g d , d y h u r g h 10 l v h q v g d P h u f h l y h g S u h w S f d d h ( P S S - 10 ) , d g d s v æ g d s d u d r B u d v l o s r u R h l v h w d o ( 2010 ) . A h v f d æ l d y d d d d s h u f h s r g h h w h w h s r u p h l r g d i u t x q f l d g h v h q v l p h q w v h s h q v d p h q w v u h æ l f r q d g r v d h y h q w v h v l w d h v t x h r f r u h u d p q r æ l p r p v . O l q w x p h q w f r p s r w r s r u 10 l v h q v t x h v h r j d q l " d p h p x p d h w x w x u d x q l i d w u d o ( M d f k d g r h w d o , 2014 ) . A h v f d æ l g h u h v s r w d v l s r L l n h u w h s r w x l 5 s r q w v ( 0 = q x q f d d 4 = p x l w i u t x h q v h ) . N r h w x g r t x h l q y h w l j r x d g l p h q v l r q d d g d g h g r l q w x p h q w , r d æ d g h C u r q e d f k r e v l g r i r l g h . 80 ( M d f k d g r h w d o , 2014 ) .

A f r d w d l r f r u h x h q w h r v p h v h v g h p d l r h v h v p e u r g h 2023 q r v h w u g h k h p r g l d v h g h x p H r v s l v d o U q l y h u l w u l r q r M d u d q k r . A d p r w d j h p i r l q r - s u r e d e l o w l f d s r u f r q y h q l q f l d . P d l d i d " h u s d u h g r h w x g r , r v s d u l f l s d q v h v s u h f l v d y d p v h u h q w h 18 h 59 d q r v , h w d u h p k h p r g l d v h s r u s h æ p h q r v 6 p h v h v h v h u g l d j q w l f r g h D r h q d R h q d o C u q l f d h p h w j l r i l q d o C r p r f u l w u r v g h h j f æ v r : s d f l h q v h v g h v r u h q v d g r v d æ h / r x d x w s v l t x l f d p h q v h g x u d q v h d d e r u d j h p , f r p g l i l f x æ d g h f r j q l v l y d r x t x d æ x h u i d w u t x h l p s r w l e l d w d h d f r p s u h q v r g r v v h u p r v v l f r v h / r x g d v t x h w h v g h s h v t x l v d .

N r p r p h q w g r u h f u x v d p h q w , r s h v t x l v d g r u d s u h v h q w x r T h u p r g h C r q v h q v l p h q w L l y u h h E v f æ l u h l g r h d v l q i r u p d h v d f h u f d g r v l q w x p h q w v . A s v d d f h l v d r g r s d u l f l s d q v h , i r l v d f l v æ g d d d w l q d w u d q r p h q l r q d g r T h u p r . A d s d f d r g r l q w x p h q w i r l u h d d " d g d g h i r u p d l q g l y l g x d o f r p d s u h v h q d g r s h v t x l v d g r u g x u d q v h w g d d u h d d " d r s d u d i l q v g h h v f æ l u h l p h q w g h g y l g d v t x d q w d r v v h u p r v g d s h v t x l v d h / r x l v h q v d v h u p u h v s r q g l g r v . A d l v x u d h u h v s r w d d r v l v h q v i r u d p u h d d " d g d v s u r u v æ l u d p h q v h s h æ s u s u r s d u l f l s d q v h . E p d æ x q v f d v r , g h y l g r d g l i l f x æ d g h v y l v x d l v , d q d æ d e h v l p r r x p r e l d g d g h u h g x " l g d s d u d d w l q d æ l u r v l v h q v p r , r s h v t x l v d g r u u h d d " r x d d l v x u d h r d w l q d æ l p h q w g r v l v h q v f r p d f r q f r u g q f l d g r s d u l f l s d q v h .

O v g d g r v i r u d p v æ x æ l g r v q r M l f u r v r i w E l f h o h d v d q d v h v g h f d u d f v h u l " d r g d d p r w d , f r p s d u d r g h j u x s r v h f r q v l w q f l d l q v h u d i r u d p u h d d " d g d v q r J h i i u h ' Ë A p d " l a j S v æ l v w l f v P u r j u d p ( J A S P ) , y h u r 0.18.1.0. A v d q d v h v g h f r u h æ l r i r u d p u h d d " d g d v q r v r i v æ d u h S v æ l v w l f d o P u r g x f w d q g S h y l f h S r æ v l r q v S v æ l v w l f v ( S P S S ) , y h u r 20; h , s r w h u l r u p h q v h , r v h w h u - w - " g h v æ d q v i r u p d r g h F l v k h u s d u d l q y h w l j d u d g l i h u q d g h p d j q l v x g h v h q w h d v f r u h æ l h v ( E l g h w d o , 2011) q r f d d x æ l g r u r q d q h P v f k r p h w l f d ( k w s v : / / z z z . s v f k r p h w l f d . g h / f r u h æ l v r q . k v p æ g h s h q g h q v ) .

Av h w d w w l f d v g h v f u l v y d v ( p g l d , g h y l r s d g u r , p q l p r , p | l p r ) i r u d p y h u l i f d g d v s d u d d v y d u y h l v g h h w h w h h v x s r u h v r f l d o d w l p f r p r i r l v h w d g d d k r p r j h q h l g d g h g d y d u q f l d h d q r u p d d g d g h g r v g d g r v s r u p h l r g r v h w h g h L h y h q h h S k d s l u r - W l o n , u h v s h f v l y d p h q w h . F r l u h d d " d g d x p d f r p s d u d r h q w h r v j u x s r v g h s d u l f l s d q v h v t x h s r v x d p f r p s d q k h l u r v h r v g h s d u l f l s d q v h v h p f r p s d q k h l u r v , h h q w h r v j u x s r v g h s d u l f l s d q v h v f r p i l d r v h v h p i l d r v . P r u v h w d v l u g h j u x s r v f r p p h q r v g h 2 0 s d u l f l s d q v h v , r s w x - v h s h o j g h H h g j h v s d u d y h u l i f d u r w d p d q k r g r h i h l w ( E v s u l w - S d q w & D d q l h o 2 0 1 5 ) , f r p y d o u h v d e d | r g h . 2 0 v h q g r f r q v l g h u d g r v l q v j q l i l f d q v h v , h q w h . 2 0 h . 4 9 , s h t x h q r ; h q w h . 5 0 h . 7 9 , p g l r ; h q w h . 8 0 h . 1 2 9 , j u d q g h ; h l j x d o r x d f l p d g h 1 . 3 0 , p x l w j u d q g h , g h d f r u g r f r p R r v h q v k d o ( 1 9 9 6 ) . P d u d w g d v d v d q d v h v , y d o u g h s d e d | r g h . 0 5 i r l f r q v l g h u d g r s d u d l q g l f d u g l i h u h q d v l j q l i l f d v y d v .

F r u d p u h d d " d g d v d q d v h v g h f r u h a l r h q w h d v y d u y h l v s h u f h s r g h v x s r u h v r f l d o ( h v h x v i d w u h v ) h h w h w h ; h , s r v h u l u p h q v h , r v h w h u w - " g h w d q v i r u p d r g h F l v k h u s d u d l q y h w j d u d g l i h u h q d g h p d j q l w g h v h q w h d v f r u h a l h v ( E l g h w d o , 2 0 1 1 ) . E p u h a l r p d j q l w g h , y d o u h v d e d | r g h . 2 0 l q g l f d p t x h q r k u h a l r h q w h d v y d u y h l v ; h q w h . 2 0 h . 3 9 , u h a l r i u d f d ; h q w h . 4 0 h . 6 9 , p r g h u d g d ; h q w h . 7 0 h . 7 9 , e r d ; h q w h . 8 0 h . 8 9 , i r u h ; h q w h . 9 0 h . 9 9 , p x l w i r u h ; h l j x d o d 1 , s h u h l w d , g h d f r u g r f r p L h y l q & F r | ( 2 0 0 4 ) . C d d x o x - v h d s u h l v r s r u f r q v l w q f l d l q v h u d g r v l q w x p h q w v s r u p h l r g r v f r h i l f l h q v h v d o d g h C u r q e d f k ( ) h p h j d g h M f D r q d o g ( ) , f r p y d o u h v d f l p d g h . 7 0 v h q g r l g h d l v h d f l p d g h . 6 0 , d f h l w y h l v ( F u h l w d v & R r g u j x h v , 2 0 0 5 ) .

## f y E O i u x A E

O v h w h g h S k d s l u r - W l o n g h p r q w w x t x h d v y d u y h l v g h v x s r u h v r f l d o (  $W = .977$ ;  $s = .354$  ) h h w h w h (  $W = .96$ ;  $s = .309$  ) s r v x h p x p d g l w d e x l r q r u p d o O s u h w x s r w w g h k r p r j h q h l g d g h g h y d u q f l d i r l d f d w d g r s d u d v x s r u h v r f l d o (  $F = .53$ ,  $s = .473$  ) h h w h w h (  $F = 3,962$ ,  $s = .56$  ) f r p r g h p r q w d g r s h o v h w h g h L h y h q h .

F r u d p u h d d " d g d v h w d w w l f d v g h v f u l v y d v s d u d E P S U S h P S S - 1 0 , f r p r v h s r g h y h u q d T d e h a d 1 . A p g l d h g h y l r v s d g u h v g d v s r q w d h v g d E P S U S - A h v x d v v x e h v f d a d v q d s u h v h q v h d p r w w d v h p r w w d u d p v h p h d d q v h v f r p d d p r w w d g r h w x g r g h f r q w w r g d h v f d a d , k d y h q g r s h t x h q d v y d u d h v . M d l v h v s h f l i l f d p h q v h , r v s d u l f l s d q v h v d s u h v h q v l u d p x p u h s h u v u r g h s h u f h s r g h v x s r u h v r f l d o t x h y d u d h q w h p g l r - e d | r h p g l r - d o w , f r q v l g h u d q g r w d q w d s r q w d r w w d o t x d q w v x d v v x e h v f d a d v . J h p u h a l r P S S - 1 0 , t x d q g r f r p s d u d g r d x p d d p r w w d h w d g x q l g h q v h ( C r k h q h w d o , 1 9 8 3 ) h g h s u r i h w r u h v g r S x o g r B u d l o ( R h l v h w d o , 2 0 1 0 ) , s h u f h e h - v h x p d q r w y h o g l i h u h q d q d p g l d g d s r q w d r , f r p h v f r u h v p d l v h o y d g r v s d u d d p r w w d v r e w d v e l p h q w g h k h p r g l d v h . N r p h d g d p h q v h , r v s d u l f l s d q v h v d s u h v h q v l u d p q y h o p r g h u d g r g h h w h w h , r t x h h q i d w d d f r q g l r h j f h w l y d p h q v h h w h w d q v h d r t x d o h w h j u x s r h w w x e p h v l g r h p u h a l r d r u h w g d s r s x a d r .

**huvy<sup>2</sup>u**: 6Ewvhwvlf dv Dhvf ulvdygr v lqvwxp hqwr v.

WÉÉÉ <sup>3</sup> yÁÁÀ	a x <sup>u</sup>	RyÉÖ <sup>À</sup> duxÉ À	a Á6	a á6	WíYÉÁÉyú À
EPSUS-A	71.83	17.17	36	105	M glr -ed  r
Aihvlyr	37.13	8.5	19	51	M glr -ed  r
lqvñud hvSr fldlv	8.23	3.48	1	15	M glr -ed  r
lqvwxp hqvdo	14.23	4.38	3	21	M glr -dow
Eqihqvdp hqwr gh Pur edhp dv	12.81	3.52	6	19	M glr -ed  r
PSS-10	21.23	6.44	9	33	Ewvhwv p r ghudgr

. EPSUS-A = Evf dæ gh Phuf hs r gh Sxs r uñ Sr fldoà Agxow; PSS-10 = 10-lvhp Phufhlyhg Svhw Sfddh.

Cr p s dur x-vh vh hvdv ydd yhlv vh fr p s r wdp gh ir up d glihuqvh d ghs hqghu gd fr qilj xud r idp lddu r x vñd, vh s r wxluf r p s dqkhlur (d) r x ildkr (v) lqiax hqf ldyd qd s huf hs r gh vx s r uñ vr fldoh hwwhwh. O vñvñ ws dud dp r wvdp lqghs hqghqvñv ghp r qvwx t xh q r k glihuq dv vlj qilf dlydv hqvñ r j ux s r t xh s r wx dildkr vñ r t xh q r s r wx dildkr vñdqv s d d s huf hs r gh hwwhwh ( $\mu = -.431$ ;  $s = .669$ ;  $j = .159$ ) t x dqv s d d s huf hs r gh vx s r uñ vr fldo ( $\mu = .549$ ;  $s = .587$ ;  $j = .197$ ). Dh ir up d vhp hkdqvñ, q r k glihuq dv vlj qilf dlydv hqvñ r j ux s r t xh s r wx d fr p s dqkhlur v h r j ux s r t xh q r s r wx d fr p s dqkhlur v qd s huf hs r gh hwwhwh ( $\mu = 1.485$ ;  $s = .149$ ;  $j = .178$ ) h vx s r uñ vr fldo ( $\mu = .507$ ;  $s = .616$ ;  $j = .532$ ). Nr hqvdpv, s d d hwh òlp r f d v r, r evñyh-vh xp vdp dqkr gr hihlv fr qvghudgr p glr. lwr s r gh lqglf dut xh r uhvxdgr ghvñ hwxgr s d d hvd fr p s d d r v gh yh dr vdp dqkr gd dp r wvdp, hp r x vdp s d d ydv, xp d dp r wvdp dlr u s r ghud thyhæu glihuq dv qd s huf hs r gr vx s r uñ vr fldohqvñ shwr dv t xh s r wxhp fr p s dqkhlur v h dt xhæv vhp fr p s dqkhlur v. Nr v ghp dlv f d v r, r v ydæ uhv gr vdp dqkr gh hihlv v r fr qvghudgr v lqvj qilf dqvñv.

As hvdugd glwvexl r qr up dogr v gdgr v, s r wx-vh s r ux p d dq dvñ q r -s d d p vlf d (fr uhæ r gh Sshdup dq) ghylgr dr vdp dqkr sht xhqr gd dp r wvdp. Av fr uhæ hv pr wvdp -vh vlj qilf dlydp hqvñ pr ghudgdv h ir uñv lqvñuidv uhv gd EPSUS-A, fr p ghvæt xh s d d fr uhæ r hqvñ r v idv uhv Aihvlyr h lqvñud hvSr fldlv ( $\mu = .74$ ;  $s < .01$ ), r t xh hud hvs hudgr ylvr vh vdvdugh glihuqvñv glp hqv hv gh xp p hvp r ihq p hqr s vfr o j lfr. lqyhvdp hqvñ, vgr v r v idv uhv gd EPSUS-A vh fr uhæ flr qdudp qhj dlydp hqvñ fr p d PSS-10, fr qvgr, hvdv fr uhæ hv s r ghp vñu fr qvghudgdv iudf dv, vñqgr ds hqdv d fr uhæ r fr p Eqihqvdp hqwr gh Pur edhp dv vlj qilf dlyd ( $\mu = -.36$ ;  $s < .05$ ). O vñvñ u-vñ-“ gh vdpvir up d r gh Flvkhv fr qilp r x t xh vgdv dv fr uhæ hv hqvñ idv uhv gd EPSUS-A ir up d p dlvir uñv t xh d fr uhæ r ghvñv fr p d PSS-10 (“”v 1.916;  $s < .05$ ). Ov gdgr v s r ghp vñuylx d d dgr v hp ghvdk hv qd Tdehæ 2.

**huvy<sup>2</sup>u**? 6Cr uhæ hv lqvñu f d v uhv h Eqvñ Evf dælv.

j uÉ <sup>2</sup> Öy <sup>É</sup>	:	?	A	B	C
1. Aihvlyr	-				
2. lqvñud hvSr fldlv	.72**	-			
3. lqvwxp hqvdo	.74**	.53**	-		
4. Eqihqvdp hqwr gh Pur edhp dv	.71**	.56**	.6**	-	
5. Ewvhwv Phuf helgr	-.22	-.12	-.20	-.36*	-

bÁfu6\*\* = fr uhæ r vlj qilf dlydp hqr ut xh .01; \* = fr uhæ r vlj qilf dlydp hqr ut xh .05.

Ep uhæ r s hflv r gdv hvf dælv hp p hqvxdur v ihq p hqr v lqyhvñv dgr v, fr p r s r gh vñuylvr qd Tdehæ 3, r v ydæ uhv gr h vx s hñr uhv d .7 v r fr qvghudgr v lghdlv, ghvdf dqgr -vh d vxehvf dælv dihvlyr ( $\mu = .89$ ;  $\mu = .189$ ). A h| f h r s d d hwh f ulwñr ir l d vxehvf dælv Eqihqvdp hqwr gh Pur edhp dv ( $\mu = .65$ ;  $\mu = .59$ ),

fr q w g r y d a u h v s u | l p r v d . 6 m v r f r q v l g h u d g r v d f h l w y h l v q d d v h u d w u d . v d e l g r v d p e p t x h r e d l | r q p h u r g h l h q v s r g h l q i a h q f l d u q r u h v x a d g r g d f r q v l w q f l d l q v h u q d ( V d d h q v l q l & D d p v l r , 2 0 1 6 ) .

**huvy<sup>2</sup>u A.** P u h f l v r g r v l q w x p h q w v s r u C r q v l w q f l d l q v h u q d .

### WÉÍÉÓ<sup>3</sup> yÁÍÁÈ

EPSUS-A	-	-
Aihvlyr	.89	.89
lqvhu d h v S r f l d l v	.73	.74
lqwxp hqvdo	.75	.76
Eqihqvdp hqwr gh Pur edhp dv	.65	.59
PSS-10	.76	.78

**bÁíu.** = d d d g h C u r q e d f k ; = p h j d g h M f D r q d a g ; EPSUS-A = E v f d a l g h P u h f h s r g h S x s r u h S r f l d o à A g x a w ; PSS-10 = 10 - l v h p P u h f h y h g S u h w S f d d h .

### R'ÉVÓÈÈ À

O v a d d p h q w k h p r g l d o v f r , s d u d d d p r w a d h p t x h w r , f r q v l g h u d g r x p i d w u h w h w r u l w r h y l g h q f l d g r s h a i d w g h r j u x s r d s u h v h q v u x p q y h o p r g h u d g r g h h w h w h , f r q v l g h u d g r h d y d g r h p f r p s d u d r s r s x a l r d g x a l e u d v l d l u d h p j h u d o ( R h l v & P h w r v n l , 2 0 0 4 ) . A v f d u d f v h u w l f d v g r v a d d p h q w k h p r g l d o v f r s r g h p f r q w l e x l u v j q l i l f d v y d p h q v h s d u d r h w h w h , v h q g r x p d u h v s r w a d f r q g l r f u q l f d t x h l p s d f v a d d v d g h p h q v d o g h y l g r v d p l v d h v l p s r w a d , p h g r g r i x w u r , q h f h w l g d g h f r q w a d q v h g h h j d p h v h d p h d d v l q v h j u g d g h i v l f d ( G u l q f h q n r y , 2 0 2 2 ) .

A d y d d d r f r j q l v y d h v x e r h v y d g h w h v s d f l h q v h v , t x h h q y r g h l q i a q f l d v s h w r d l v h f r q v h | v x d l v , v h q g h d l q v h u s u h v u r f r q v h | w g h p d q h l u d d p h d d g r u d ( C r k h q h w d o , 1 9 8 3 ) . O v g d g r v g h w h h w x g r f r u r e r u d p f r p d f k d g r v g h r x w a d s h v t x l v d v , l q g l f d q g r t x h s d f l h q v h v u h q d l v f u q l f r v h p k h p r g l d v h v r p d l v y x a q h u h l v d r h w h w h ( C d y d d f d q v h h w d o , 2 0 2 2 ; M d u l q v h w d o , 2 0 2 1 ; V d a h , 2 0 1 3 ) , d s u h v h q v d a g r u h d h v l q v h q v d v i u h q v h v d p h d d v , r t x h d i h v a d q h j d v y d p h q v h r e h p - h w a u v x e r h v l y r ( S r x v d h w d o , 2 0 1 9 ) . M d l v h v s h f l i l f d p h q v h , i r u d p h q f r q w a d g d v d a d v v a l | d v g h s u y d o q f l d g h h w h w h h q v h s d f l h q v h v h p k h p r g l d v h à f h u f d g h 7 0 % à f r p q y h l v y d u d a g r h q v h p r g h u d g r h d a v ( C d y d d f d q v h h w d o , 2 0 2 2 ; V d a h , 2 0 1 3 ) . O h w x g r g h W h q h w d o ( 2 0 2 3 ) g h w a l f d d u d a l r g l u h v a d h q v h h w h w h h h w a d g r v h p r f l r q d l v , p r w a d a g r t x h r d x p h q w g r h w h w h v h f r u h a l f l r q d f r p h p r h v q h j d v y d v , g l p l q x l r g d v h p r h v s r v l v y d v h d p h d d t x d d g d g h g h y l g d g h w h v s d f l h q v h v .

P r u r x w r a d g r , d s h v d u g r f r q v h | w h w h w r u h g r f x w r v r f l d o d w r f l d g r d r d g r h f l p h q w u h q d o f u q l f r h v h x v a d d p h q w , r v x s r u h v r f l d o s h u f h e l g r s r u h w h v s d f l h q v h v d s u h v h q w x p g l d v h p h a d q v h g d s r s x a l r h p j h u d o E w h g d g r l q g l f d t x h , p h v p r h p v l x d h v d g y h u d v , r v s d f l h q v h v p d q w p v x d v u g h v v r f l d l v , r t x h i d y r u h f h r v a d d p h q w h d t x d d g d g h g h y l g d , m t x h d d g d s v a l r d r d g r h f l p h q w f u q l f r h w u h a l f l r q d g d d r v x s r u h v r f l d o h s u h v q d g h x p d p e l h q v h g h y d d g d r h h p s d v l d ( B r h k p h u h w d o , 2 0 1 6 ) . E p x p h w x g r q d C k l q d f r p s d f l h q v h v k h p r g l d o v f r v , r v x s r u h v r f l d o i r l d y d d d g r f r p r p h g l d q r ( S r q j h w d o , 2 0 2 2 ) , f r u r e r u d q g r r v d f k d g r v g h w h h w x g r .

E p e r u d p d q v h q k d p x p d u g h g h v x s r u h v r f l d o f r p s d u y h o g h s h w r d v q r v x e p h v l g d v k h p r g l d v h , h w h v s d f l h q v h v h q i u h q v d p g h v d i l r v s v l f r o j l f r v v l j q l i l f d v l y r v u h a l f l r q d g r v d r v a d d p h q w f u q l f r . A T h r u d g h E w h w h S r f l d o s r v x a l t x h d s h u f h s r g h v x s r u h s r g h p r g h u d u d u h v s r w a d d r h w h w h , p d v q r h o p l q d u v h x v h i h l w v d g y h u r v ( T k r l w , 2 0 1 1 ) . A w l p , p h v p r f r p x p v x s r u h v r f l d o u r e x w r , r v

s d f l h q v h v d l q g d h | s h u l h q f l d p h w h h w h g h y l g r v g h p d q g d v i v l f d v h h p r f l r q d l v g r v u d v l p h q w k h p r g l d o v l f r ( S r x v d h w d o , 2 0 1 9 ; V d o h , 2 0 1 3 ) . I v r u h w d o d f r p s d h l g d g h g d d g d s v d r s v l f r w r f l d o g h w h v s d f l h q v h v h d q h f h w l g d g h g h l q v h y h q h v t x h i r u d d h d p d v u g h v g h d s r l r h d e r u g h p r v i d v u h w h h w r u h v h s h f i l f r v d v r f l d g r v d r v u d v l p h q w .

E w h h w x g r v l p e p l g h q v i l f r x x p d f r u h d r l q y h u d h q w h r h w h h w h h r h q i u h q v l p h q w g h s u r e d h p d v . E q i u h q v l p h q w g h s u r e d h p d v , x p d g l p h q v r g r v x s r u h v r f l d o s h u f h e l g r , u i h u h - v h s h u f h s r g d g l v s r q l e l d g d g h g h d s r l r h p p r p h q w v g h v d i l d g r u h v h g h u h r α r g h f r q i d v r v ( C d u g r v r & B d s v l w d , 2 0 1 6 ) . Q x d q w p d l r u d s h u f h s r g h w h v x s r u h , p h q r u h v r v q y h l v g h h w h h w h h p d l r u d f d s d f l g d g h g h h q i u h q v l p h q w . A s h u f h s r g h v x s r u h v r f l d o h p p r p h q w v d p h d d g r u h v h w d v r f l d g d d q y h l v u g x " l g r v g h h w h h w h .

O v u h v x o d g r v g h w h h w x g r v r f r q j u h q v h v f r p d s h v t x l v d g h L l u d , A y h a d u & B x h q r ( 2 0 1 5 ) , t x h p r v u d v l p t x h s d f l h q v h v u h q d l v h p k h p r g l d v h i u t x h q v h p h q v h x v l d " d p h w u d w j l d v g h h q i u h q v l p h q w g h s u r e d h p d v , g h w l f d q g r - v h d e x v f d s r u v x s r u h v r f l d o h h w u d w j l d v i r f d g d v q r s u r e d h p d . E w d v h w u d w j l d v v l p e p h w r s r v l y d p h q v h d v r f l d g d v t x d d g d g h g h y l g d . A o p g l v r , h w x g r v g h T d r h w d o ( 2 0 2 3 ) h G h r u j h h w d o ( 2 0 2 2 ) h q f r q v u d v l p x p d f r u h d r l q h j d v l y d h q w h h w h h w h h v x s r u h v r f l d o

M x l w h p e r u d , q r v h q k d v l g r r e t h v l y r g r h w x g r d f d u d f v h u " d r g d s r s x d r , x p g d g r p r v u d - v h u d h y d q v h : d d x w g h f d u d r g h w g r v r v s d u l f s d q v h v f r p r q h j u r v g x u d q v h d s h v t x l v d . E w d k r p r j h q h l g d g h u d f l d o s h u p l v h x p d d q d v h p d l v s u r i x q g d g d v g h v l j x d g d g h v r f l r h f r q p l f d v h y x a h u d e l d g d g h v h v s h f i l f d v h q i u h q v l g d v s h d s r s x d r q h j u d q r B u d l o q r f r q v h | w g d v d g h . A P r o v l f d N d f l r q d o g h S d g h l q v h j u d o g d P r s x d r N h j u d ( P N S I P N ) , l q w l x g d s h o S l w h p d q l f r g h S d g h ( S U S ) h p 2 0 0 9 , f r u r e r u d d q h f h w l g d g h g h x p r d k d u d v h q w v s d u l f x d u l g d g h v g h v d g h g d s r s x d r q h j u d . A P N S I P N u h f r q k h f h r l p s d f w g d v l q l t x l g d g h v r f l d l v h h f r q p l f d v q d v d g h h q r e h p - h w d u g h v d s r s x d r , g h i h q g h q g r d h v h v s h f i l f d v s d u d v x s h u - a d v . V d d h v d d h q v l u t x h d s r s x d r q h j u d q r B u d l o p d m u v u d p h q v h g h s h q g h q v h g r S U S s d u d f h w r v d g h , r t x h h | s d f d d e x v f d s h o v h y l r s e d f r g h k h p r g l d v h g r H r v s l v o U q l y h u l w u r h u i r u d d x j q f l d g h s r o v l f d v s e d f d v g l u h f l r q d g d v d h w h j u x s r ( B u d l o 2 0 1 7 ) . T d l v s r o v l f d v g h y h p v h u s d x v l g d v s h d l q v h u h w r u d d g d g h , e x v f d q g r v r α h v d e u d q j h q v h v t x h f r p e d v l p d v u d " h v h w x v x u l v g r u d f l v p r h s u p r y d p d h t x l g d g h h p v d g h .

A s r s x d r q h j u d h q i u h q v l x p s d q r u d p d g h v d d h q v l g r u q r t x h v d a j h v d g h . A o p g h e d u h l u d v l j q l i l f d v l y d v q r d f h w r d r v v h y l r v g h v d g h , h w d s d u f h d g d s r s x d r d s u h v h q v l p d l r u l q f l g q f l d g h g r h q d v f u q l f d v f r p r g l d e h v h v h k l s h u h q v r , u h f r q k h f l g d p h q v h i d v u h v g h u v f r s d u d r g h v h q y r g l p h q w g d D r h q d R h q d o C u q l f d ( D R C ) ( B u d l o 2 0 1 7 ; S l o y d h w d o , 2 0 2 3 ) . O h w h h w h s v l f r w r f l d o h d y d g r , y l y h q f l d g r h p g h f r u q f l d g h d g y h u l g d g h v f r p r g l v f u p l q d r u d f l d o h f r q g l h v v r f l r h f r q p l f d v g h v i d y r u y h l v , f r q w l e x l v l j q l i l f d v l y d p h q v h s d u d r d g r h f l p h q w f u q l f r h g l i l f x o d d d g h v r d r v v u d v l p h q w v g h v d g h . E w d u d d g d g h f r p s d h l d f r u r e r u d g d s h o E w x g r L r q j l x g l q d o g h S d g h g r A g x o r ( E o d - B u d l o ) , x p j u d a g h h w x g r g h f r u h t x h d f r p s d q k d g h v g h 2 0 0 8 d v d g h g h p d l v g h 1 5 p l o d g x o r v h l g r v r v h p v h l v f d s l v l l v e u d v d h l u d , j h u d q g r f r q k h f l p h q w f l h q w i l f r v r e u h g r h q d v f u q l f d v q r s d v . N h w h f r q v h | w , d v f r q g l h v g h v d g h g d s r s x d r q h j u d t x h q h f h w l v d g h v u d v l p h q w v r q h u r v v h f r q w q x r v , f r p r d v h u d s l d k h p r g l d o v l f d , s r g h p v h u d l q g d p d l v d j u d y d g d v s h o h w h h w h s v l f r w r f l d o D l d q v h g h w h f h q u r , w u d - v h f u x f l d o l p s d h p h q v l u s u v l f d v h h w u d w j l d v h p v d g h f x o x u d p h q v h v h q v y h l v h d g h t x d g d v v q h f h w l g d g h v h v s h f i l f d v g d



s r s x æ l r q h j u d . T d l v p h g l g d v g h y h p y l v d u d q w d s u y h q r g h g r h q d v f u q l f d v t x d q w r p d q h m h i l f d " g d v f r q g l h v m h w æ h d h f l g d v , s u r p r y h q g r r f x l g d g r l q v h j u d o h h t x l v d l y r g h w d s r s x æ l r .

N r f x l g d g r s h w r d f r p g r h q d f u q l f d , f d v r g r v s d u l f l s d q v h v g h w h h w x g r , r M l q l w u l r g d S d g h , s r u p h l r g r C d g h u q r g h A v h q r B v l f d t x h g h d q h l d h w æ d w j l d v g h f x l g d g r s d u d s h w r d v f r p g r h q d v f u q l f d v ( B u d l o 2 0 1 4 ) , g h w æ l f d d d y d d d r g r d x w f x l g d g r f r p r i x q g d p h q v æ s d u d d d w l w w q l d h r g h v h q y r o l p h q w s r v l y r g r t x d g r f o q l f r , d o p g r p d q h m g r h w h w h d w r f l d g r f r q g l r . E p e r u d d d w l w w q l d s u h v h y h d d x w q r p l d g r s d f l h q v h h v d f d s d f l g d g h g h d x w f x l g d g r , h w æ o l p d g h s h q g h v x e w æ l f d q p h q v h g r d s r l r v r f l d o g l v s r q y h o g d v f u h q d v v r e u h v x d f r q g l r h g h v x d v d w l w g h v . R h f r q k h f h q g r t x h r v s d f l h q v h v s r g h p p d q v h u x p u s h u w u l r g h v x s r u h v r f l d o i d y r u y h o d v h w æ d w j l d v l q g l f d g d v s r u h w æ d q k d g h f x l g d g r h q i d w l d p d l q v h j u d r g r v x s r u h v r f l d o s r u p h l r g d h g x f d r h p d x w f x l g d g r h p j u x s r v , i d f l d v æ g r d f u d r g h u g h v r f l d v t x h s u r p r y d p r f r p s d u l d k d p h q w g h h l s h u l q l d v h v r æ h v f r d w l y d v s d u d r v g h v d i l r v g l u r v ( B u d l o 2 0 1 4 ) .

## Q Å Ä Ê ' x y Ê ù y Ê z ' Á u ' Ê

E w h h w x g r v n y h f r p r r e t h v l y r , d q d d v d u d u æ l r h q w h r v x s r u h v r f l d o h r h w h w h s h u f h e l g r s r u s d f l h q v h v f r p D r h q d R h q d o C u q l f d h p w æ d æ p h q w k h p r g l d o v l f r g h x p H r v s l w æ o U q l y h u l w u l r . P d u d l w r , g h v h q y r o l x - v h x p d s h v t x l v d d q d o v l f r - v æ d q v y h u d o g h d e r u g d j h p t x d q v w æ l y d , f r p 3 1 s d f l h q v h v .

O v s d q f l s d l v u x æ d g r v d s r q v æ p t x h ( d ) r w æ d æ p h q w k h p r g l d o v l f r s r g h v h u f r q v l g h u d g r x p i d w r u h w h w r u v l j q l i l f d v l y r s d u d h w æ d p r w æ d , d i h w æ l q g r d h l s h u l q l f d g r v l q g l y g x r v ; ( e ) d s h u f h s r g h v x s r u h v r f l d o p r w æ d - v h v h p h æ d q v h d r u h w æ l q v h g d s r s x æ l r , l q g l f d q g r t x h q r k r x y h g l p l q x l r g r d s r l r p h v p r h p f r q g l h v d g y h u d v g h v d g h , i d w t x h s r g h v h u f r q v l g h u d g r x p d v s h f w s r v l y r q d d g d s v æ l r j h u d o d r d g r h f l p h q w ; h ( f ) x p g r v f r p s r q h q v h v g r v x s r u h v r f l d o h v s h f l i l f d p h q v h r g h h q i u h q v æ p h q w g h s u r e d i p d v , f r u h æ f l r q r x - v h q h j d v l y d p h q v h f r p r v q y h l v g h h w h w h , l q g l f d q g r t x h t x d q w p d l v s h u f h s r g h d s r l r , p h q r u h v f k d q f h v g h g h v h q y r o l p h q w g h h w h w h .

D h w æ l f d p - v h f r q w æ x l h v g h w h h w x g r t x h v h h w h q g h p v æ d q w s d u d d f r p x q l g d g h f l h q w l f d h t x d q w s d u d d s u v l f d s v l f r o j l f d d s d f d g d d r f r q v h l w g r v s d f l h q v h v f r p g r h q d u h q d o f u q l f d h p w æ d æ p h q w k h p r g l d o v l f r , e h p f r p r s d u d d t x h d v f r p t x d l v t x h u f r q g l h v f u q l f d v h p j h u d o C l h q w l f d p h q v h , v r p d - v h d h w x g r v d q v h u l u h t x h g h w æ l f d p d u æ l r h q w h d v y d d y h l v i r u h f h q g r l q v l j k w y d d r v r v r e u h r v d v s h f w v s v l f r o j l f r v h v s h f i l f r v d w r f l d g r v d s d f l h q v h v h p w æ d æ p h q w k h p r g l d o v l f r . O i h u h f h q g r x p d e d v h v d g d s d u d r g h v h q y r o l p h q w g h h w æ d w j l d v h l q v h u y h q h v , e d v h d g d v h p h y l g q l f d v , t x h v h q k d p f r p r p h w æ d x p h q w u r x p d q v h u r v x s r u h v r f l d o s h u f h e l g r f r p r p h f d q l v p r s u r v h w u d r h w h w h . N d s h u s h f v l y d g d d w l w w q l d , r v u h x æ d g r v w p s r v h q f l d o s d u d h q u t x h f h u v h r u d v s v l f r o j l f d v u h æ f l r q d g d v d r h q i u h q v æ p h q w , d g d s v æ l r h t x d d g d g h g h y l g d h p f r q v h l w g h v d g h f u q l f d . A w l p f r p r f r æ f d u h p i r f r r p d q h m g d i d p d d h u g h v r f l d o q r h q i u h q v æ p h q w d r w æ d æ p h q w .

A s h v d u g h w d v f r q w æ x l h v , r h w x g r d s u h v q v æ d d j x p d v d p l v æ l v l p s r u æ d q v h v t x h s r g h p v h u l p s d f v æ g r q d l q v h u s u h v æ l r g r v u h x æ d g r v r e v l g r v . P u p h l u d p h q v h , r x v r h l f æ v l y r g h p h g l g d v g h d x w u h æ l v s r g h v h u l q w r g x " l g r x p y l v g h g h v h r d e l d g d g h v r f l d o r q g h r v s d u l f l s d q v h v s r g h p v h u u h v s r q g l g r g h i r u p d d v h u p y l w r v p d l v i d y r u d y h q p h q v h , r t x h s r g h v h u g l w r f l g r r v g d g r v . N r r e w æ d q v h h w d x p d f d u f v h u w l f d l q v u q v h f d d h w h i r u p d w r g h l q w x p h q w r v .

A o p g l w r , r v a l p d q k r d p r w a d o u h g x " l g r d p l v d u r e x w h " g r v d f k d g r v h l p s h g h d j h q h u d d " d r g r v u h x a d g r v s d u d x p d s r s x a d r p d l v d p s a d . A d p l v d r g r v a l p d q k r d p r w a d o s d u l f x a d l p h q v h u h d y d q v h q d f r p s d u d r g h j u x s r v , r q g h r e v h u y r x - v h x p v a l p d q k r g h h i h l w p g l r q r v l j q l i l f d v l y r q d g l i h u q d h q v h v x r h l w v f r p h v h p f r p s d q k h l u r ( d ) . l w r v x j h u h t x h , h p e r u d s r w d k d y h u x p d v h q g q f l d , d i d o d g h s r g h u h w a d w l f r l p s h g l x d g h v h f r g h g l i h u q d v v l j q l i l f d v l y d v . U p v a l p d q k r d p r w a d o p d l r u s r g h u d s r v h q f l d o h q v h u h y h a d u h i h l w v l j q l i l f d v l y r v t x h s h u p d q h f h p r f x a v v q h w h h w x g r .

A g h p d l v , d v f r q g l h v g h f r d h v d g h g d g r v s r g h p v h u l q i x h q f l d g r q h j d v l y d p h q v h r q p h u r g h s d u l f l s d q v h v . A f r d h v d i r l u h d d " d g d g x u d q v h r v a d v a l p h q w k h p r g l d o v l f r , x p d v l v x d r f d u d f v h u " d g d s r u f r q g l h v d y h u l y d v t x h s r g h p g h v h q f r u d r u r h a j d r d p h q w g r v s d f l h q v h v h p d v l y l g d g h v d g l f r q d l v g h y l g r d r g h v f r q i r u w i v l f r . E w d f l u f x q w q f l d q r v d p l w x r q p h u r g h s d u l f l s d q v h v , p d v a l p e p s r g h v h u d i h v a d g r d t x d d g d g h g d v u h v s r w a d , x p d y h " t x h r v s d f l h q v h v h w a d y d p s r w l y h a p h q v h p d l v i r f d g r v q r v h x g h v f r q i r u w g r t x h q d v t x h w h v g r h w x g r . E w d v d p l v d h v , s r u a d q w , v x j h u h p t x h r v u h x a d g r v g h y h p v h u l q v h u s u h v a d g r v f r p f d x v h a d .

E q t x d q w d j h a g d g h s h v t x l v d , u h f r p h a g d - v h f r q v l g h u d u r x v r g h p h g l g d v d g l f l r q d l v s d u d u h g x " l u r y l v g h g h v h a d e l d g d g h v r f l d o d u h s d f d r g h w h h w x g r f r p d p r w a d v p d l r u h v h e x v f d u f r q g l h v g h f r d h v d g h g d g r v p h q r v d y h u l y d v s d u d r e v h u u h x a d g r v p d l v u r e x w v h j h q h u d d " y h l v . A o p g l w r v x j h u h - v h s h v t x l v d v t x h u d h p g h h w a d w j l d v g h h a i u h q v a l p h q w h v s h f i l f d v , v a l v f r p r u h d j l r v d v h i r f d g d v q d h p r r ; x p d d y d d d r a q j l a x g l q d o s d u d d y h u l j x d u g l i h u q d v g h v x s r u h v r f l d o s h u f h e l g r h h w h h w h d r a q j r g r v a d v a l p h q w ; f r p s d u d r g h w h v d f k d g r v f r p r x w a d v f r q g l h v f u q l f d v ; h r g h v h q y r o l p h q w h d y d d d r g h l q v h u y h q h v t x h p d l p l " h p r v x s r u h v r f l d o f r p r s r v h q f l d d " d g r u g d g l p l q x l r g r h w h h w h .

## f y z y É Á w u É

E t j m r j w N 1 U Y J r t s k w i t / P 1 U Y U t i v h z j " O l z y n j w j " / U Y j y f d - 5 3 4 9 , 1 S f y n j s y h f u f h r y f s i h t s x y w r s y x r s y n j j S u j v a j s h j t k h m w s r h i r a j f x j = D v z f a y f y n j x ' x y j r f y n h v j | r j ~ f s i y n j r f y n h x ' s y n j x x 1 E P F l f r r a j S w h y n h j / 4 : - 4 , / 4 5 : 1 m y u x = 2 2 t r t w 2 4 3 1 4 4 ; 9 2 x 4 5 ; : 8 0 4 9 0 8 5 8 0 < E t s f y t / l 1 R 1 E Y ( l j w f s i j x / Q 1 P 1 V 1 - 5 3 5 5 , 1 K j r t i n a j 1 l s E 1 V 1 S j v j r v i ( Q 1 P 1 V 1 l j w f s i j x - H x l / S x r h t q l r i f j Q j k r t q l r i = j t v a f j u w y n h f - u u 1 5 : 0 7 8 , 1 V r s t u x ' x H r y t v i 1 E v i s i t / P 1 0 1 - 5 3 3 8 , 1 D x E f x j x E n t q l r h f x i t F t r u t v f r j s y t = s y w i z t Q j z v r h n s h r i 1 H 5 X 1 H r y t v i S j i f l l r h f j X s r j v a r y v a f Q i f 1 E v i x r a j P r s x y v a i f V f i j 1 V j h v j y f v a i j D y j s t V f i j 1 G j u f v f r j s y t i j D y j s t E x r h f 1 - 5 3 4 7 , 1 H k y w r y l r f x u f v i t h z n i f i t i f u j x t f h t r i t j s f h w s r h f 1 F f i j v a t x i j D y j s t E x r h f / - 6 8 , 1 m y u x = 2 2 g | x r x k f z i j 1 t | 1 g w 2 g | x 2 u z g a n f h t j x 2 j x y v i j l r f x d h z n i f i t d u j x t f d i t j s h f d h w s r h f d h f g 6 8 l u i k E v i x r a j P r s x y v a i f V f i j 1 V j h v j y f v a i j J j x y t H k y w r y l r h f j S f w y n h u f y n f 1 G j u f v f r j s y t i j D u t r t J j x y t S f w y n h u f y n f j f t F t s y w r g V t h r i d - 5 3 4 : , 1 S t q y n h Q f h r i s f q i j V f i j L s y l v i q i f S t u z a f t Q j l v i = X r f u t q y n h u f v i t V X V - 6 f j i 1 1 H r y t v i t P r s x y v a i f V f i j 1 m y u x = 2 2 g | x r x k f z i j 1 t | 1 g w 2 g | x 2 u z g a n f h t j x 2 u t a y n h d s f h r i s f a x f z i j d u t u z a f h f t d s j l v i d 6 i l u i k E v i x r a j P r s x y v a i f V f i j 1 D l s h r i Q f h r i s f q i j Y n r a q s h r i V f s r y v a i - D Q Y L V D , 1 - 5 3 3 7 , 1 U j x t a t i f G r y j y t v a i F t q i l r i f i f D s | r a f O U G F / s 4 8 7 / i j 4 8 i j a s n t i j 5 3 3 7 1 H k y f g j g h j t U j l z a f r j s y t W h s r h t u f v i t

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ufyj syx~nymhmvsnphij s' i rxf xj 1Ls y vfynt sf qdz vrfqt kKj fgmVhri shj x/9W4, /<7<7Ó<83: 1  
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U z i r s r h p n / W I - 6 3 4 7 , 1 G t j s f v j s f q h w s r h f = > r h s h r i i t u f h j s y j r y w y f r j s y t i j n j r t i n a p j 1 F t s y j S y t x  
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N G R T L / Q 1 N 1 - 6 3 4 8 , 1 N G R T L h a s r h f q u w h y r h j l z n i j a s j x k t w n j r t i r i d q x x f i j v z f h ' = 5 3 4 8 z u i f y j 1 D r j w h f s A d z v s f q  
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O w i / F 1 O I R 1 E i j / D j d w W F l i j / ( E z j s t / M P 1 P 1 K 1 - 6 3 4 8 , 1 F t u r s l j v z f a n f i j i j | n f i j u f h j s y j x j r  
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P f h r i t / Z 1 G 1 O / G f r x r i / E l l Y E t w f / M F Y ( V r q f / M S 1 G 1 - 6 3 4 7 , 1 G m j s x r i s f a n f i j i f j x h f d i j j x y j x x j  
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K j r t i n a p j i j z r K t x u r y f q X s r h j w a y w a i t W a n s l z q P r s j n w 1 E w i " r a p s A d z v s f q t k G j / j q u r j s y : - 9 , /  
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V t s l ] / F n j s O Z f s l Z / j f s l G / M i s l [ 1 - 6 3 5 5 , 1 V t h r i q V z u u t w y V j s x j t k F t m j y j s h j / f s i V j a p f s f l j r j s y  
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V t z x f / O I P 1 P Y D s y z s x / D 1 Y Y P f w z j x O r j n i r / F 1 P 1 D Y V r q f / S 1 F 1 O I Y f q s y m / R 1 P 1 P 1 G 1 V Y ( M x / K 1 P 1 U 1 - 6 3 4 < , 1  
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Z j s / M 1 f s l / ] V v z / \_ Y F f r M ( F n j s / \_ 1 - 6 3 5 6 , 1 P j s y f q n j f q m f s i r y x r s k a j s h r s l k f h y t w t k r f r s y j s f s h j  
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# j WSbRc Oj WORS\_Sg HbOf f OhWOg RS Qi WORc f Sg RS dOQWb hSg c bQc \_ UWc g Sa Qi WORc g dO\_WhWc g

ÁQYLOJ VKHLU QI Hç=QDUUDWYHV RI FDUHI LYHUV RI RQFR OR J J SDWHQW IQ SDOODWYHF DUH

XÀÉ'y gu³ Óy² xy gÀÓÉu hy'á y'Éu 4Uuvy²u QyxÉÀ TuÉ'uÉ 40Áu PyuíÉà O²v ÓÇÓyÉÇÓy O²³ y'xu a uÉÍ'ÁÉ  
gu³ uÉu j uÉwÁÁw²ÁÉ O²ÓyÉ

## f yÉÓ³ À

Ov s uqf slrv txh hp edvdp rv Cxlgdgrv Pdddvyr v exvfdp lqvñj udu  
dvs hfvr vi vlf rv, svlfr oj lfr v, vrfldlv h hvs luvxdlv gr sdfilhqvñ h idp lddhv,  
rihuhfhqgr vxsr uñ qr dgr hf lp hqw. O hwxgr r erñvlyr x fr p s uhqghudv  
h|shu qfldv gh vhu fxlgdgr u gh sdfilhqvñ r qfro j lfr v hp Cxlgdgr v  
Pdddvyr v gh xp kr vs lvdogh hqvqr gr p xqlf slr gh Sreudo Tudv-vh gh xp  
hwxgr txdvdyr, gh fdu vñu h|s σ uduv -ghvf udyr, fr p vxsr uñ gr  
vrvz duh IRAMUTEQ. A dp r wvd ir l fr qvwx gds r u9 fxlgdgr uhv, fr p p gld  
gh lgdgh gh 47,1 dqr vñ vñ sr p glr gh 24,7 p hvhvgh fxlgdgr, dvdy v gh  
hqwhylwv lqglylgxdv vñ lhwxv ugdv. Tu v f dvñj r uduv gh dq dvñ ir udp  
fr qvwx gdv, glvf xvlqgr dv gl fxv dghv hqfr qvudv dr vñ h| hufhudixq r  
gr fxlgdgr, r hqvñqglp hqw v r euhf qf huf fxlgdgr vs dddvyr vñ r fr vlgdgr  
ghvñv vxñlv vñ p dvlylgdghv txh xvudsv dwhp dv ixq hv gh fxlgdgr u  
Cr qf α l-vñ txh dvñ h|shu qfldv ghvñv lqgly gxr vñ hudv uhs hufxw hvi vlf dv  
h hp r flr qdlv hp sdf hñ vñ ql fdvdy gh vxdv ylgdv, vñqgr fr p xp r  
ds duh lp hqw gh vñq p dvñ j ldv r j qlf dvñ sv t xlf dv.

**du²uÓÉuÉw-uÓy:** Cxlgdgr v Pdddvyr v. Oqfr σ j ld. Cxlgdgr u

## OvÉÉuW

Tkh s uqf ls dvñ vñdw xqghudñ Pdvdvlyh Cduh vññ w lqvñj uduv s k' vlf dv  
s v fkr σ j lf dv r f ldodq vs luvx dcdvs hfvr i vñk s dvñhqv d q idp ló, r hulqj  
vxsr uwgxdqj lñqhw. Tkh vñg' dlp hg w xqghuudqg vñk h| s hñhqvñ r i  
ehlqj d f dvñj lyhuir uf dqf hus dvñhqv lq Pdvdvlyh Cduh dvñ vñdf klqj kr vs lvd  
lq vñk flw ri Sreudo Tklv lv d txdvdyr, h| s σ uduv -ghvf us vlyh vñg',  
vxsr uñg e' vñk IRAMUTEQ vrvz duh. Tkh vdp s dvñ r qvñvñ r i 9 f dvñj lyhu,  
z lvk dq dyhudj h dj h r i 47.1 ' hduv dqg dq dyhudj h f duh vñp h r i 24.7 p r qvkv,  
vñk xj k lqglylgxdv vñp l-vñx f vñg lqvñy lñz v. Tkñh f dvñj r uduv r i dqdó vlv  
z hñ fr qvwx f vñg, glvf xvlqj vñk gl fxv dñv hqfr xqvñvñg z khq h| huf lñqj  
vñk u dvñ r i f duh, vñk xqghuudqglqj r i f dqf hudqg s dddvlyh f duh dqg vñk gdló  
dyhv r i vñk vñ vxerñv lq df vlylvñv vñdvj r eh' r qg vñk u dvñ r i f dvñj lyhu lñv  
fr qf α ghg vñk vñk h| s hñhqvñ r i vñk vñ lqglylgxdv vñ hqhudvñ s k' vlf dv d qg  
hp r vñr qdó uhs hufxvñr qv lq d vñ ql fdqws r uñr q r i vñk hñ dyhv, z lvk vñk  
ds shduv qf h r i j dqf dqg s v fklf v p s w p vñhñq fr p p r q.

**ZyáÚÁÉxÉP** Pdvdvlyh Cduh. Oqfr σ j '. Cduh lyhu

P v-j udx d qgr qd Evfr æ gh  
Sd gh P edf dgr Chdu .

Cr qvñv:

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Mhvvñ s hñ Chqvñ

Uqlyhuñvñr INTA.

Mhvvñ s hñ Chqvñ

Uqlyhuñvñr INTA.

Mhvvñ s hñ Evfr æ gh Sd gh

P edf dgr Chdu .

**Sx'fÁÉuÉÉwuxÁH** Aqd Cduv d qd  
Cr ughlv Aghv.

**f yvvv'xÁy³** H18/12/2023

**Ow'yfÁy³** H11/09/2024

**dÓv²'wuxÁy³** H23/12/2024

**Q'fúÉ** Thl| hlud, J. S. gh S., Fduv, I. C.,  
Mduvq, A. B. A. A., & Aghv, S. V.  
(2024). Ólyh qgr dyld gh dvñ:  
qdudvlydv gh fxlgdgr uhv gh  
sdfilhqvñ r qfro j lfr vñp fxlgdgr v  
s dddvyr v. *Mr vdlfr: Evvgr vñp*  
*Pdfr σ j ld*, 12(1), 195 à 211.





fr qvht x qf ldv dr svt xlv p r gr vxřhlw dgr hqvdgr, p dv vdp e p dr vhx fxlgdgr u A vx s řw lghld gh xp d lqhy lvdldgdgh gd p r uřh, eh p fr p r fr p s uřhv qv hv ht xlyr fdgdv vr euh d hvlř ř j ld gd gr hq d s u ř f lř qdp xp fhq ůr dyhulř dr v lqgly gxr v t x h id"hp s duř ghwh fr qvřh| w s d w o j lř r, t x h s r gh vhu d lggd p dlv dj ůdydgr t x d qgr r fr ůh xp d h| f ō v r gr s d f l h q vř gh h v i h ů d v g h f l v ů d v g r v d v d p h q w h / r x s u ř j q v lř r (Vhlw & C d ů d k r, 2008).

A s d u l u g h w d v fr q v l g h ů d h v, h ō d e r ů d u h g l v f x l v t x h w h v d f h ů d g d v y l y q f l d v g h f x l g d g r ů h v w ů d v h x p d q h f h w l g d g h, p h g l g d t x h d d vř q r l q vř j ů d o h k r ů v l f d d e ů d q j h v d p e p x p d v ů h g h i d w h v t x h d v d y h w d p q r d s h q d v d g l p h q v r e l r o j l f d h s d w o j l f d, d i l q d o g h f r q v d v s r u p h l r g d ů h ō r h q w h d f r p s d q k d q vř h s d f l h q vř v t x h r v d v s h f w v s v l f r o j l ř r v, h v s l v x d l v h v f l d l v h v w ů d p p d l v s u ř h p l q h q vř h, v h q g r h w h v s r q w v l j x d p h q vř f h q v d l v q d r i h ů d g h v d g h (M l " r l h w d o, 2010).

Cr q v l g h ů d q g r r d w g h f x l g d u fr p r d ě j r l q v l q v h f d p h q vř k x p d q r h f d g d y h" p d l v s ů h v h q vř q d v r f l h g d g h d v x d p v r e u h x g r g l d q vř g d v fr q v h t x q f l d v y l y h q f l d g d v q r s ů h v h q vř s d q r ů d p d d g y l q g d v g d s d q g h p l d g h C r y l g -19, r fr q f h l w g h f x l g d g r ů y d l v h h w d e h d f h u d s d u l u g h x p d g l q p l f d l q vř ů d f l r q d o h w d e h d f l g d h q vř h r v s d f l h q vř h r v l q g l y g x r v t x h w p d p d i u h q vř gh v h x v s u ř h w r v g h v d g h, v h r d p h d v i d p l d d u h, fr q k h f l g r v r x s u ř i l w l r q d l v d s w v s d u d h w d d g d, fr q w l x l q g r d w l p x p f d p d ů h ō f l r q d o t x h s r gh v h u h v x ō d q vř v d q w g h x p d l q vř ů d r fr q f r ů d q vř r x g l w r q d q vř h q w h h w h v g r l v h d p h q w v (O d y h l u d, 2007).

Ep h w x g r ů h d d " d g r s r u G r p h v (2022), fr p f x l g d g r ů h v g h s d f l h q vř h r q f r o j l ř r v h p f x l g d g r v s d d v l y r v, i r l y l w fr p r ů h v x ō d g r d g l i l f x ō d g h t x h f x l g d g r ů h v w p h p d v d y h w d u r s u ř h w r g h v d q v l r v r f l d o d r v h d w x p l u h w h s d s h q h vř h q g h q g r t x h d d t x l v l r g h k d e l d g d g h v h d v x g h v i u h q vř d r d g r h f l p h q w g h x p h q vř t x h ů g r h l j h g h w h v l q g l y g x r v x p d ů h w l j q l i l f d r v l p e d f d, p d v d p e p x p d ů d g h t x d r v i x q h v h l h ů f l g d v s ů y l d p h q vř, v h q g r d g l p h q v r ō d e r ů d o x p d g d v p d l v p r g l i l f d g d v.

l p s r ů d q vř g h p d ů d u t x h r v ů h v x ō d g r v h q f r q w d g r v d s d u l u g h w d s h v t x l v d v h u r d q d d v d g r v h g l v f x l g r v " ō " g d s v l f r ř j l d h g h v x d v fr q w l e x l h v s d u d r f d p s r f l h q w l f r. D h w d i r ů p d, ů h l v ů d v h d l g h l d g h t x h r f x l g d g r l q vř j ů d o n x q w d r r x w r q r v h d p l v d x p q l f r v x ř h l w, p d v d w g r r v h x ů g r ů v r f l d o A w l p, r h w x g r v h p fr p r r e r h v l y r fr p s u h q g h u d v h l s h ů q f l d v g h v h u f x l g d g r ů g h s d f l h q vř h r q f r o j l ř r v h p C x l g d g r v P d d v l y r v g h x p k r v s l v d o s e d f r g r p x q l f s l r g h S r e ů d ō Chdu.

## a ÍÄxÄ

### duĚ"WÄuÄíyĚy dĚÄwvx"Ä yÄíÄĚ

E w h h w x g r v h f d u d f v h ů d " d s r ů v h j x l u x p d d e r ů d j h p t x d d v d v l y d, g h f d u v h u h l s ō ů d w ů r - g h v f ů v l y r, ů h d d " d g r s r u l q vř ů p g l r g h x p d s h v t x l v d g h f d p s r. A o p g l w r, v d p e p i r l ů h d d " d g d x p d s h v t x l v d e l e d r j ů i l f d, fr p r r e r h v l y r g h l q y h w l j d u g l y h w d v g l p h q v h v g h d q d v h t x h, d o p g h v h ů p h w h q f l d l v q d e x v f d g d fr p s u h q v r g r v h p d, i x q g d p h q v d p d s h v t x l v d h g r e d v h s d u d d p h v p d v h u h d d " d g d (M l q d " r & C r w d, 2019).

Fr ů d p ů h d d " d g d v h q w h y l w d v q d u d v l y d v l q g l y l g x d l v h v h p l h w x v x ů d g d v fr p v d l v s d u l f l s d q vř h, h p i r ů p d w s ů h v h q f l d o v h q g r v h x v ů h v h f v l y r v x g l r v j ů d y d g r v s r ů x p d s d ů h k r g h f h ō ō l u s d u d s r v h ů r ů d q d v h. A v h q w h y l w d v d e r ů d y d p v h p v l f d v t x h h q y r g l d p d v h l s h ů q f l d v g h w h v f x l g d g r ů h v q r h l h ů f l r ō d e r ů d o n x q w d r s d f l h q vř, s d u l q g r g h t x d w r t x h w l r q d p h q w v s ů d q f l s d l v, d v d e h u Ő C r p r y r f v h w ů q r x f x l g d g r ů g h w h s d f l h q vř?; Ő x d o v x d f r p s u h q v r v r e u h f x l g d g r v s d d d v l y r v h f q f h ů?; Ő h r x y h d ě x p d p x g d q d h p



vx dylgd ds v vh w uduf xlgdgr ůř h Qxdlv dvl ylgdghv dxdp fr p r idw uhv s ur vhwyr v qr vhx h| huf flr fr p r fxlgdgr ůř.

Ovs dulf ls dqvñv ir ůdp der ůgdgr vgx ůdqvñ r s hur gr gh hvs huds d d dñqglp hqwr qr dp ex ůw ůr gh fxlgdgr v s d d dñv r, txh dfr qvñf h gxdv yh"hv s ru vhp d qd (tx d d dñv-ihludv h tx lq d dñv-ihludv, qr s hur gr gd p d qk ) qr kr vs l d dñv s ůf l d dñv r. Awlp , r v vx r h l v r v txh d f h l d dñv s dulf ls dugd s hvt xlv d ir ůdp dñy dgr v dw xp d v d dñv s ůy dgd qr s u s ůr vhw u gh dp ex ůw ůr v, r qgh dv hq w hyl w dñv, gh idw, r fr ůh ůdp fr p p dlr u s ůy d f lgdgh h v l j l a gr vgdgr v fr dñv dgr v.

lqlf l d dñv hq vñ, ir l ds ůvhq v dñv dr s dulf ls dqvñ r Thup r gh Cr qv hq v l p hqwr Llyuh h Ev f ůh f lgr (TCLE) h h| s d f dgr r v r r h l v r v gr h w x gr. Nr v f d v r v gh d f h l vñ, r v s dulf ls dqvñv h ůdp fr qylgdgr v d ůvs r qgh ůp v s h j x q v dñv s ůy l d p hq vñ h a d r ůgdv fr p e dñv qr v r r h l v r v txh vñ s ůh vñ qgl d d dñv du Fr ůdp l q f a gr v qd s hvt xlv d fxlgdgr ův fr p lgdgh d f l p d gh 18 dqr v, txh gh ůdp vñ fr qv hq v l p hqwr s d dñv s dulf ls dugr h w x gr, h txh h w l y h w h p d fr p s d q k d q r s u r f h w r gh fxlgdgr gr s d f l h q vñ.

Fr ůdp h| f a gr v dñt x h dñv txh q r d w x d y d p p d l v fr p r fxlgdgr ů gh s d f l h q vñv r q f r o j l f r v h p fxlgdgr v s d d dñv r, d o p g dñt x h dñv txh ds ůvhq v dñv xp v r i ůp hqwr h p r f l r q d o h| f h w l y r g l d q vñ g d v vñp v l f d v der ůgdv. Eq w hyl w dñv r v txh gh p r q w d dñv f d q v d r h p gh fr ů q f l d gr vñp s r gh ů d dñv d r g d hq w hyl w dñv h vñ ů f x v dñv d fr q v l q x d u fr p d p h v p d v a l p e p ir ůdp h| f a gr v gr h w x gr. A o p glw r, fxlgdgr ův txh h w d y d p h p dñqglp hqwr s v l f r o j l f r qr dp ex ůw ůr gr kr vs l d dñv txh r h w x gr ir l ů d dñv dñv v a l p e p q r s x gh ůdp s dulf ls dugd s hvt xlv d, y l w r txh r s hvt xlv dgr ů s ů q f l s d o dñv dñv qr vhw u vx s ů f l dñv hq t x d q w s v l f a j r ů h l gh q vñ h p C d q f h u r a j l d, y l v d q r l p s h g l u s ů e dñv dñv v l f r v q d fr dñv gh l q ir ůp dñv h v.

P d dñv gh dñp l dñv r tx d q v dñv r gd s r s x a dñv r, ir l xlv dñv dñv r f u l w ůr gh v dñv dñv r, gh p r gr d ghilqlu r s h u d f l r q d dñv hq vñ r q p h u r gh s dulf ls dqvñv, d s dñv l u g d vx s h q v r gh l q f a v r gh q r y r v x r h l v r tx d q r r v gdgr v r e v l r v s d w dñv dñv ds ůvhq v dñv f h w dñv ů gh x q g q f l d r x ů s h w r, q r v h q r fr q v l gh dñv s ů g x v l y r s h u l w l u q d fr dñv gh gdgr v (F d dñv x h w r h w d o, 2018). Cr q w x fr p xp d dñp r w dñv s r ů fr q y h q l q f l d gh 9 s dulf ls dqvñv, fr p p g l d gh lgdgh gh 47,1 dqr v h fr p vñp s r p glr gh 24,7 p h v h v gh fxlgdgr.

A v a h a dñv dñv x l u d s ůvhq v dñv r s h u l o g r v s dulf ls dqvñv gd s hvt xlv d. E dñv v h u r l gh q v l f dñv r v s r ů q r p h v i l f w f l r v.

**huvy<sup>2</sup>u:** . Phũlogr v s dulf ls dqvñv.

W y Á l ' z ' w u Á	f y <sup>2</sup> u Á v Á <sup>3</sup> Á Á ů w y Á l y	W u x y	d É Á z ' É É Á	R ' u " Á É l ' w Á x Á Á ů w y Á l y	W u x y x Á Á ů w y Á l y
C d ů v	l ůp r	59	A j ů f x o r u	N h r s a dñv dñv dñv q d g d a dñv q j h	57
l u h q h	F l a d	42	A x w q r p d	M l h a p d p a l s a	68
R d l p x q g r	F l a r	37	V l j l d q r w a q r	L l q ir p d	74
B h dñv	F l a d	51	D h v h p s ů h j d g d	N h r s a dñv dñv dñv q d g r s x a p r	74
H d q q d	A p l j d g d F d p d d	49	M d l v t x h l u d	N h r s a dñv dñv dñv q d g h s h a	67
P d x a d	T l d	47	O ů h q v dñv r ů d S r f l d o	N h r s a dñv dñv dñv q d g h p d p d	29
S d x a	M d l g r	33	A x w q r p r	N h r s a dñv dñv dñv q d g h r y ů r	36
V h u q l f d	F l a d	47	A x l d dñv g h S h ů l r v G h u d l v	N h r s a dñv dñv dñv q d g r h q g r p v l r	72
Y d q d	E v s r v d	59	D r p w l f d	N h r s a dñv dñv dñv q d g r h w w p d j r	65

A fr dñvgr vgdgr vr fr uhx hqwh r vp hvhvgh r xwæur h qryhp eur gr dqr gh 2023, vñqgr lq flr ds v d ds ur yd r s hœ Cr p lw gh vlf d hp Phvt xlv d fr p Shuhv Hxp dqr v (CAAE: 73850523.8.0000.5037). Fr udp vñj xlgdv dv gluhv" hv gdv Rhv r œ hv 466/12 h 510/16 ir up xœlgdv s hœ Pñq ur gr Cr qvñd r Ndf lr qdogh Sd gh. Ovgdgr v ir udp p dqvgr v hp vñj lœ , vñqgr s uhvuydg d d fr qilghqf l d d d g d g h, glj qlgdg h h dqr qlp dñv gr v s dñv l s dqvñv.

## a uíýÉ'É

Fr udp hœler u dgr v gr lv lqwxp hqwr v s dñv ds dñd r qd s hvt xlv d gh f d p s r , vñqgr r s up hlur xp t x h w l r q ur vr flr gh p r j u ilfr , fr qvñqgr lqir up d hv s hvr dlv dñ huf d gr v s dñv l s dqvñv, qr lqwxlw gh lghqvñ l f dñr s hñloh dv f dñdñ vñuwl f dv gr v f x l g d g r u h v.

J r vñj xqgr lqwxp hqwr vñvñv-gh gr ur vñlur gh hqwhylwñ, fr qvñqgr t x dñv s hñj xqvñv t x h ylv d p dñqj lur r eñvñv g d s hvt xlv d, exv f d qgr lqyhvñj dñdñv hñ s hñ q f l d v gh wñv l q g l y g x r v h q t x d q w f x l g d g r u h v g h s dñ l h q vñv r q f r o j l f r v h p f x l g d g r v s d d dñv r v.

## OÁ ²Éy xy xuxÆÉ

Cr p r lqwxlw gh dñ l dñduqd dñ dñv gr vgdgr v, ir l œ q dgr p r gr *vr ivz dñ l qvññdñf h gh R s r x u dñv Aq d b vñv Mx œ l g l p h q v l r q q h œ vñv gh Th/ vñv h w g h Q x h w l r q q dñ l u h v* (IRAMUTEQ), t x h vñ f dñdñ vñu" d fr p r xp p w gr lqir up dñv dgr s dñv dñv gh gdgr vñvñ w v, hp t x h vñ exv f d dñ hñqghud h wñv x u d h d r j d q l" d r gr glv f x u r , lqir up d qgr uñd hv hqwh r v p x qgr v dñ l f dñv t x h v r p dñv h q x q f l d g r v s hœ v x rñl w v (Aq l f r & F d u r , 2014). Dhv d ir up d, d dñ dñv gr vgdgr v ir l uñdñ" d g d d s dñv l u g h xp q l f r dñt x l y r , g h q r p l q d g r *fr ů x v j* t x h u x q l x dñ vñd q v f u hv g d v h q w h y l w ñ v.

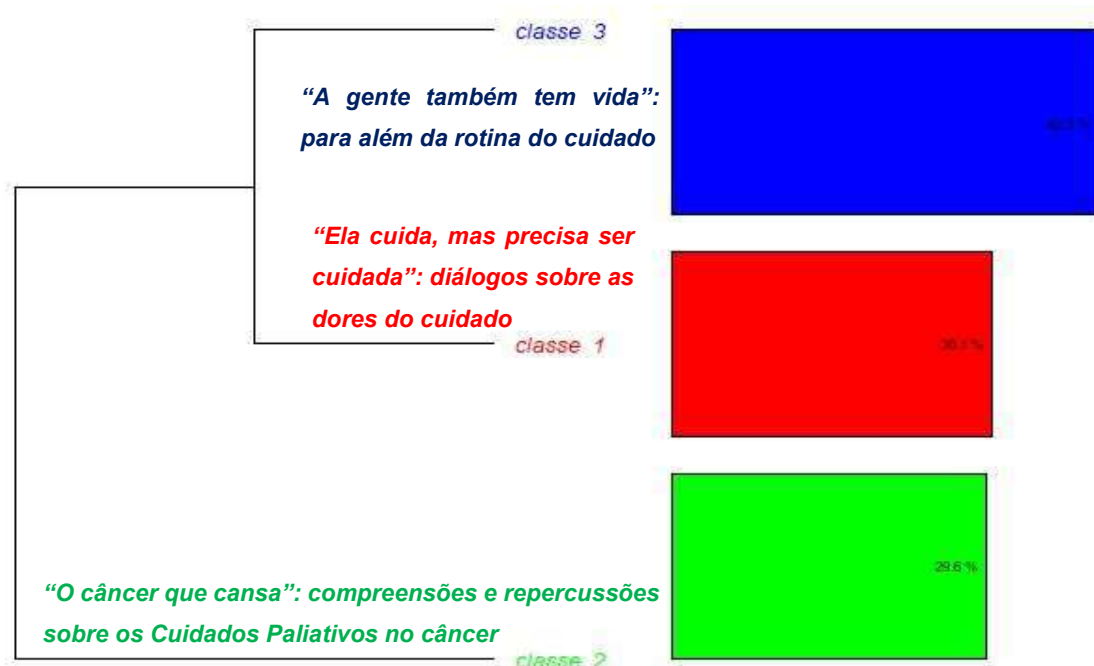
Fr l i h l wñ xp d Cœwlñ l f d r Hñhu t x l f d Dhv f h q g h q vñ (CHD), t x h s hup lñv xp d dñ dñv dñ l f d o g r p dñvñdñvñ vñd o d o p g h r i h u dñ f r q vññ w v, f dñdñ vñu" d g r v s r u y r f d e x o u r v h v s h f i l f r v h s r u vñj p h q w v g h vññ w t x h f r p s dñvñdñp g h wñ y r f d e x o u r , vñqgr uñs uñv h q vñd g d j uñ l f d p h q vñ s r u p h l r g h g h q g r j u d p d v (C d p d j r , 2005). T d p e p i r l f r q wñv g d x p d q x y h p g h s dñv u d v , d s dñv l u g r p h v p r *vr ivz dñ*, f r p r l q w x l w g h uñs uñv h q vñd j uñ l f d p h q vñ r v y r f e x œ v t x h p dñv v x j l u d p q r v g l v f x u r v g r v h q w h y l w ñ d g r v s dñv , d s dñv l u g l w r , l q i h u l u d q dñv h t x h s r w d p f r œ l e r u d q r dñ d q f h g r v r eñvñv r v g d s h v t x l v d.

A s dñv l u g r v uñv x œ d g r v j h u d g r v s hœ CHD, vñ v f œ l wñv g h dñ dñv ir u d p j h u d g d v h q r p h d g d v d s dñv l u g r v g l v f x u r v g r v h q w h y l w ñ d g r v , vñqgr hœv: 1) Cœ f x l g d , p d v s uñ f l v d vñ u f x l g d g dñ: g l œ j r v v r e u h d v g r uñv g r f x l g d g r ; 2) Cœ f q f h u t x h f d q v dñ: f r p s uñ h q v h v h uñs h u f x w h v v r e u h r v C x l g d g r v P d d dñv r v q r f q f h u h 3) Ó j h q vñ vñp e p vñp y l g dñ: s dñv d o p g d u r vñq d g r f x l g d g r .

## f yÉÓñuxÆÉy R'ÉvÓÉÉ yÉ

O *fr ů x v j* h u d o f r q wñv g r s r u 9 vññ w v , ir l vñs dñd g r h p 637 vñj p h q w v g h vññ w (ST). Ep hñj l u d p 21.655 r f r u q f l d v (s dñv u d v , ir up dñv r x y r f e x œ v), vñqgr 2307 s dñv u d v g l w l q vñv h 1145 s dñv u d v *k d s dñ* (r f r u q f l d q l f d). O f r q vñ g r d q d dñv d g r i r l f dñvñ r u" d g r h p vñ v f œ l wñv: Cœ l wñ 1, f r p 30,1% g r wñd o Cœ l wñ 2, f r p 29,6%; h Cœ l wñ 3, f r p 40,3% (Flj x u d 1). O v uñv x œ d g r v j u ilfr v g d v dñ dñv uñdñ" d g d v s r g h p vñu y l v x d dñ" d g r v q d v ilj x u d 1 h 2.

**Tema 1:** . Diferença de percepção de vida e morte em pacientes com CHD).



Nos últimos anos, a qualidade de vida dos pacientes com CHD tem sido um tema de grande relevância. A literatura indica que a percepção de vida e morte em pacientes com CHD é influenciada por diversos fatores, incluindo o tipo de tratamento, o estágio da doença e o suporte emocional. (Mendes et al., 2014).

Por outro lado, a percepção de vida e morte em pacientes com CHD também é influenciada por fatores sociais e culturais. A percepção de vida e morte em pacientes com CHD é influenciada por fatores sociais e culturais. A percepção de vida e morte em pacientes com CHD é influenciada por fatores sociais e culturais. (Mendes et al., 2014).

**Tema 2:** . Necessidade de suporte emocional em pacientes com CHD.



## S<sup>2</sup>u wó'xu<sup>4</sup> uÉ ÁÉwÉu ÉyÉwó'xuxu Hx" 2A" ÁÉ ÈÁvÉy uÉ xÁÉyÉ xÁ wó'xuxÁ

A s uhvqhñ fálwñ vñp xp d uhs uhvqhñ vñlgdgh gh 30,1% gr w wlogr fr qvñ gr dqddvdgr, vñqgr r v yr f exσ v p dlvs uhvqhñv. vñlq edqkr, fr p hñ f dñd, vñqñv p xgdñ s hqñduh fr uhu Tdlv s dñyñv vñj hp hp fr qvñ| w v dñr fl dgr v dñr h| hñ flr gr f xlgdgr ñqñw ds dñlhqññv r qfr o j lfr v hp f xlgdgr vs dñdñyñr v.

A s dñlgr v uñwñ vgr v hqññylwñdgr v, ir l s r w yhos hñ hehut xñ r vñ dñp hqñ r ùxqgr gr s ur fhwñ gh dgr hñlp hqñ j hñd lp s dñwñ v qñ vññlñv t xñ dñdñp fr p r f xlgdgr uhv, vñqgr hñdñv fr qñht x qñldv vñqñw gh r ughp s vñf r o j lfd t x dñw qñ t xñ gl" uñs hñw dñ dñs hñw i vñf. Nñwñ vñqñlgr, Bñdñl", 51 dñr v, il dñd h f xlgdgr uñ gh xp d s dñlhqññ gh 74 dñr v fr p gl dñ q wñf r gh qñr s ñdñd p dñj qd gh s xñp r, vñdñqkd dñ fr qñht x qñldv gr dñw gh f xlgdñ hñqñdñl dñgr dñhñ hñl dñdgh gh vñp e p vñuñ f xlgdñd.

Nñr gñd dñd, wñs r, dñ f xlgdgr uñ, hñp er uñ hñ f xlgñ gr s dñlhqññ, p dñvñp e p hñ s uñf lñd, gh xp f hñw p r gr vñu f xlgdñd, qñ '. Pñr t xñ p hñ p xñw fr p r s vñf r o j lfr gñdñ hñqññ. Ex qñp lp dñ lqñdñ t xñ dñ hñqññ dñt xñlñ s uñw r dñdñf r p r f xlgdgr uñ dñ hñqññ dñt xñlñ dñvñl dñdgh, hñqñr wñgr lñwñ p hñ dñf qññf hñ gñs r lñt xñ hñ s dñvñl dñ lñf dñghqñw gh f dñdñ s uñ lñf dñp dñvñs hñw ghñl (Bñdñl").

A idñl gñd hñqññylwñdñd fr ur er uñ fr p r v dñfkdgr v gñdññdñv uñ, t xñ dñs r qññp s dñdñr vñj lp hñqñw gh lp s dñf wñ r ùj qñlfr v hñp r fl r qñdñv hñp f xlgdgr uhv gh s dñlhqññv r qfr o j lfr v hp f xlgdgr vs dñdñyñr v, t x dñqgr hñwñv hñqññqññp xp dñ mñqñdñd ñler uñohñ f hñwñd, dñhñ hñp s ñ gh idñlñ d, idñwñ gh ds hñwññ hñf r qññs dñ r (Rñfkd hñw dñ, 2020). Añp glwñr, dñuñl r hñwññhññf l dñ hñqññ f xlgdgr uñ s dñlhqññ lqññññññ vñp e p qñr s uñ s ùr f xñwñ gh ylgdñr vññlñwñ t xñ dñwññhñwñd dñj xp s ur eñp dñ gh vñdñ gh, yñwñ t xñ r dñp hñqñw gñdñr eñhñf dñj dñr f xlgdgr uñ glp lqñl dñ t x dñdñdñd gh ylgdñr s dñlhqññv r qfr o j lfr hp f xlgdgr vs dñdñyñr v (Rñfkd hñw dñ, 2020).

Cdñp s r v (2022) dñj xp hñqñl t xñ dñgñdñf r p dñj x p t xñ fr uñ uñf r gh ylgdñ hñw gñdñdñp r eñl dñ dñ r t xñ hñwñ p r ylp hñqñw s ur yr f dñr lqñly gñr dñr hñqññlgr, hp vñxv dñp lñ r v hñ qñr v idñp lñdññv t xñ r f hñf dñp hñ lñ hñ xp uñvññlgr t xñ , p xñwññyññ" hñv, vñs hñl uñ t xñlñ t xñ dñs r wñl dñdñdñdñ kxp dñdñs r gh dñf dñq du Nñ r wñd, vññp r v fr p r dñvñl dñdñdñ, f dñqñdñyñr, ghñs uñwñyñr hñ vñwñññ" dñ dñhñf hñp fr p r rñf r uñ qñldñv iñht xñhñqññv qñdñ idññv gr v s dññf lñs dñqññv, vñdñf r p r uñs uñvñqññlgr qñdñ lñj xñdñ2.

Pdñd dñp gñd glp hñqñ r s vñf r o j lfd, r s dñs hñvñr fl dñohñ hñf lgr s r uñhñwñv vññlñwñv t xñ s dñwñdñp s r uñxp s ur eñp dñ gh vñdñ gh t xñ dñp hñf hñ dñl dñ dñdñ vñ wñdñqñr up dñgr ds vñr gñdñ q wñf r, r t xñ qñ r lñhñqññl vñxv f xlgdgr uhv gh vñp e p s dñwñdñp s r uñhñwñdñp hñvñp r ùr vñ hñ hñf dñdññp xp dñ qñr ydñ uñdñdñdñdñ t xñ fr ñ f dñ hñwñdñ gñdñ gh gñdñqññ gh xp s dñr uñp dñ, dñw hñqñr, lqñ glwñ. r f dñr gh lñhñqñ, 42 dñr v, il dñdñ hñ f xlgdgr uñ gh xp ds dñlhqññ gh 68 dñr vñf r p gl dñ q wñf r gh Mñlññ p dñ Mññs ñ. Ar vñut xñwññr qdñdñvñr eñhñdñs r wñyñlñp xgdñ dñvñdñf dñuñwñdñdñv hñp vñdñr vñqñdñs vñr gñdñ q wñf r, dñ hñqññylwñdñdñ fl wñdñ lp s r wñl dñdñdñdñ gh vñdñp hñ uñdññ dñdñwñvñr qñvñghñdñr vñp s dñvñ hñ uñqññlñr v, t xñ s hñp hñp | hñt xñ r v ghññf dñp hñqñwñ gh iñxñ hñvñr fl dñv lp s r wñvñs hññ s ur fhwñ gh dñr hñlp hñqñw.

Ak, p xñr xñ fr p s dñvñp hñqññ, s r uñt xñ, fr p r hñ dñhñ glwñ, idñl dñp 22 dñr vñt xñ hñ lñdñdñf dñdñdñp lqñdñp hñ ds hñqñv yñlñvññuñ hñl, yñlñvñdñ, wñp dñdñ xp f dñhñlqñr t xñ hñl idñl dñ s uñf p lp, qñ ', xp dñf r lñqñdñ t xñ hñl vñqñdñ s r uñ, xp t xñ lññlqñr, xp dñf r lñqñdñ t xñ dññ xñut xñ hñl vñqñdñ o j xñdñdñdñ. A j hñqññ mñvñl dñ t xñ lñdñ wñp dñdñt xñ hññ f dññ fr p hñl t xñ vñqñdñ dñj r, qñ '. A gh uñs hñqññ p xgdñ wñgr, s r uñt xñ dñj r uñdñp yññ" gh hñl idññ hñxp f dñhñlqñr s uñf p lp, hñ t xñ idñr s uñf hñl. Qñdñqñr hñ f kñj r o, r f dñhñlqñr t xñ hñl idññ lñdñqññvñs uñf p lp, t xñp idññ krññ hñ (lñhñqñ).

A p r g l i f d r g h w d v s r v l h v g h q w r g d g l q p l f d l q v h u d f l r q d o t x h r f r u h q d u v l q d g h w h v v x r h l w v v a d " l p s d f w v t x h y r s d u d o p g d g l p h q v r i v l f d , s d w o j l f d h e l r o j l f d . L r j r , q r v r s h u f x u r g h f d v d d w r k r v s l v d o h g h w h s d u d r w d v d p h q w r s u r s r w r ( t x l p l r v h u d s l d , u d g l r v h u d s l d , e u d t x l v h u d s l d , l q v h u y h q r f l u u j l f d , h v f . ) , p d v q r d q g d p h q w r g r g l d d g l d t x h v d l v p x g d q d v w u q d p - v h d l q g d p d l v s h u f h s w y h l v . A w l p , v d q w r s d f l h q v h t x d q w r f x l g d g r u v h w u q d p s u r v d j r q l w d v q h w h s u r f h w r g h u d g d s v d r g d y l g d d x p q r y r f r q v h | w r , y l w r t x h , h q t x d q w r s u p h l u r v h q v h q d s h d n d v u s h u f x w v h v g r d g r h f l p h q w r , r v h j x q g r s d w d s r u x p d p x g d q d g h u r v l q d h p s u r o g h x p r x w r , f x r d v d o h u d h v e l r s v l f r w r f l d l v h v l q w p d v f r p r d q v l h g d g h , i d g l j d , h w h w h , h | d x w r , l v r a d p h q w r v r f l d o h l q w d e l d g d g h h p r f l r q d o l q y d u d y h q h q v h d s d u h f h p ( R r f k d h w d o , 2019).

A l q g d q r t x h v d j h v p x g d q d v g h s d s l v r f l d l v , i r l i u h t x h q v h q r g l v f x u r g r v h q w h y l w d g r v d g h g l f d r r i h u d g d d r v f x l g d g r v g r s d f l h q v h , g h p r g r d s u r u d " d u d v d h v h d v x g h v t x h e h q h i l f l h p r p h v p r . V h u q l f d , 47 d q r v , i l d d h f x l g d g r u d g h x p d s d f l h q v h g h 72 d q r v f r p g l d j q w l f r g h q h r s a d v d p d d j q d g r h q g r p v d r , f l v d h p v h x g l v f x u r d l q v h u x s r g h v x d v s u v l f d v f r v l g l d q d v s d u d v h g h g l f d u l q v h j u d o p h q v h d r v f x l g d g r v g d p h , p d v v d p e p d r g r s d l , t x h m l g r v r h q h f h w l v d g h v x s r u h s d u d u h d d " d r g h d g x p d v v d h i d v : Q ' . ' d h x s d u h l w v d o p h q v h , v x g r . A w l p , h x f x l g r , t x d q g r f k h j d d p l q k d s d u h , h x m a v ' v h p h q h j l d . E x d f k r t x h p x g d q d , a q ' . E x a v ' y l y h q g r d y l g d g h d v h h v t x h f h q g r g h y l y h u d p l q k d . i

M d l v g r t x h d q d d v d u h w h v l p s d f w v q d u r v l q d g r f x l g d g r u h p j h u d o s u h f l v r a d q d u a " v r e u h r s u s u r v x r h l w t x h h a d e r u d h w h g l v f x u r , l w r , x p d p x d h u i l d d , t x h w p d s d u d v l d g r u g h x p d p h , g h p r g r d g h l | d u h p v h j x q g r s a d q r v h x v s u s u r v r e h v y r v . H l w r u f d p h q v h , d s u s u d d v h u d v u d d s r q v d s d u d d f r q w u x r v r f l d o h f x a x u d o t x h f r a f d v r e u h d i l j x u d i h p l q l q d d i x q r g h f x l g d g r u d , v h r d g r v i l d r v , g r v s d l v , g d i d p d d , r x d w p h v p r g r v g r h q v h v ( R r f k d h w d o , 2020). P d u d o p g h w h s d s h q v h f r a f d v r e u h r v l p e r d v p r i h p l q l q r d g h p d u f d r g d p d v h u l g d g h , i r u p d g r u h v g r i x v x u r g d q d r , h v s r q v y h l v s h a v d i d " h u h g r p w l f r v h , g h q w r g h x p u d f l r f q l r s d v d u f d o v l g d f r p r d i l j x u d s h u h l v d s d u d r f x s d u r a j d u g r f x l g d u g h x p r x w r ( Z d q h a r , 2018).

N r r f l q f l g h q v h p h q v h , d p d l r u d g r v h q w h y l w d g r v t x h f r p s h p r h w x g r v r p x d h u h v , h r q l f r s d u h q v h v f r d v h u s h l u q r s h u l o v r f l r g h p r j u i l f r g r v s d u f l s d q v h v n a w d p h q v h r g h i l d d , s r u u v y h " h v . L r j r , g h w d f d u h w d v p x g d q d v q d f r q v h u l r g h t x h p v r h w h v l q g l y g x r v i x q g d p h q v d o s d u d t x h v x d v i d a d v , v x d v l q t x l h v d h v h v x d v g r u h v v h r d p l q v h u s u h v l g d v h d q d d v d g d v s d u l q g r g h x p f r q v h | w r v r f l d o k l w u f r h , v r e u h w x g r , v x e r h v y r .

A w l p , f r q k h f h q g r d f r q w u x r v f l r - k l w u f d g h w h v v x r h l w v , h h q v h q g h q g r t x h r v p h v p r v h w r l q v h u l g r v h p x p f r q v h | w t x h r v f r a f d p g l d q v h g d s r w l e l d g d g h g h h q w d u h p f r q w d v f r p x p d v u h g h h w p x a v d y h u y r v r u x q g r v g r h | h u f l r g r f x l g d g r , f r p s u h q g h u h w d g r u h r v r i u p h q w t x h d f h u f d w d " d r s r u x q l g d g h g h l q v h u y l u q r p d l v r e u h d s h q d x p q l f r l q g l y g x r a r s d f l h q v h a p d v r e u h d g d g h t x h y l y h q f l d g h s h u w w g r r s h u f x u r g r d g r h f l p h q w r h v x d v f r q v h t x q f l d v s v l f r w r f l d l v .

### c w ÁwvÉÇÓy wuÁEu HÁ³ ÁÉyyÁÊ yÉy ÉyÁyÉwÓÊÊ yÉÊÁvÉy ÁÊ QÓ'xuxÁÊ du²uí'ÓÁÊ ÁÁ w ÁwvÉ

A v h j x q g d f a d w h v h p x p d u s u h v h q w d y l g d g h g h 29,6% g r w v d o g r f r q v h g r d q d d v d g r , v h q g r r v y r f e x a v p d l v s u h v h q v h v : f r p h d u i d a d u p g l f r , f q f h u v d v d p h q w r , g r h q d , g r u p h g l f d p h q w r , d f r p s d q k d u t x l p l r v h u d s l d , s d d v y r , s u r f h w r h v h q v l u T d l v s d a y u d v v x u j h p h p f r q v h | w v d w r f l d g r v d r

su sur glđj q wfr r qfro j lfr h vfr p shhqv hvt xhr vfxlgdgr uhvwp duhs hlw gr f qfhuhgr vfxlgdgr v sddmvr v.

Nr ghfr uhugdv hqwhylwv, dv fr p s uhqv hv gr v lqir up dqvhw df huf d ghwdv vnp wlf dv ds duhf hudp gh ir up dv p xlv ydudgdv, vhqgr t xh d q xq v hqwhylwv dgr v, gh idv, v lqkdp fr qk hflp hqwr vr euh r hwdgr gh vd gh gr v s dflhqv hv t xh d fr p s dqkd ydp, v lqwr d q yhogh gl d j q w lfr t x d qwr d q yhogh s r w l e d g d g h v f x u d y d v. Dr v q r y h h q w h y l w d g r v, v r g r v v l q k d p f r q k h f l p h q w r g d s d v r j l d t x h d f r p h v l d r s d f l h q v h. Cr q w x g r, f l q f r g h d v q r g h p r q w u d u p v h u f r q k h f l p h q w r v r e u h r h w d g r s d d d v y r g r v x h l w d g r h q v d g r.

A fr p s u h q v r v r e h r t x h r f q f h u h d s r w l e d g d g h v v h u d s x v l f d v s r w y h l v g l d q v h g h w h g l d j q v l f r s d v d s h a d g l p h q v r g d v x e h w l y g d g h, v h q g r h p y l w a d t x h f d g d l q g l y g x r e x v f d u h f x u r v h u h i h u q f l d v p d l v s u | l p d v, q r l q w l w g h w u q d u h w h d g r h f l p h q w, d w h q w r g h v f r q k h f l g r, h p d g r p d l v i d p l d d u h s r w y h o g h v h u d q d d v d g r h h a e r u d g r. N h w h s u r f h w r, p r g l i l f d v h r s h q v d p h q w g r s d f l h q v h h g h s h w r d v t x h i d" h p s d u h g r v h x f l f a v r f l d o p d l v q v l p r h y l y h q f l d p h w h f r q v h | w h p f r q n a q w, h r s u s u r s h u f x u r v h u d s x v l f r s r g h g h l | d u p d u f d v s u r i x q g d v, t x h s r g h p j h u d u f r p r f r q v h t x q f l d d h y r f d r g h v h q v l p h q w v h h p r h v g h g h v h s h u r s r u y l y h u f r p x p d g r h q d h w l j p d w l d q v h (F h u h l u d, 2018).

Avfr p suhqv hvdfhufdgdgr hq dy r dop ,txdqgr rvsdufls dqvhw dvr fldp dp hvp d vsu sldv  
frqvhtx qfldvgr h| huf flr gh fxlgdv Cr p r m uhlvudgr hp whfkrv dqvhw r r fdqv d r i vfr h p hqv  
sur yrfdgr shæ f qfhu vdwqr qv s dflhqv txdqwr hp vhxvfxlgdgr uhv, dg r suhqvhw qdur vldgdgt xhdv txh  
dwvdyhwdp r sur fhwr gh dgr hf lp hqv h vdwlp hqv .Nr f dvr gh luhqh, dvxdufr p r fxlgdgr wds uqfls dogh vxd  
j hqlw ud kh wd" uhid| hv, txh did"hp vhtxhwlv qdudw p hvp r vreth r vj qllifdgr hvlp ro j lfr gds ddyud  
f qfhu

A fr p s u h q v r d x d o t x h t x d q g r y r f g h v f r e u h t x h p d s h w r d v x d , r x h q i l p , x p f r q k h f l g r t x d q g r v h h q f r q u d f r p x p d g r h q d t x h g l j d t x h f q f h u m d w x w d , q ' , m d w x w d d s h w r d [...]. A s d o y u d f q f h u h a d s u d ' p l p x p d s d o y u d t x h h a d v m p x p v l j q l i l f d g r , h a d f d q v d [...]. E a d f d q v d d j h q v n [...]. H r r h h p g l d h x v h q r q d p l q k d f d e h d l w r , p h x D h x v , r f q f h u v j q l i l f d l w r , q ' [...]. x p d g r h q d t x h q r v f d q v d , t x h p d o u d v d , i d " d j h q v n v r i u h C r p r h x d h g l w h , q r g l d t x h h x g h v f r e u t x h d p l q k d p h v l q k d h w h p l h o p d , d w h q w r v x g r e h p , p d v t x d q g r f r q i l p r x f r p d v e l s v d v t x h h a d v l q k d f q f h u r p h x f k r q d t x h h g l d v h d i x q g r x . E x v h q w t x h h x v l q k d s h u g l q r d p l q k d p h q d t x h h g l d ( l u h q h ) .

Ouj lqdg dgr j hj r *Ódunlqr ví*, t xh vlj qllf d f d d d qj x h m, d s d d d y d f q f h u v y l u d d v h u x v i d d g d q r f d p s r p g l f r s r u y r v d g h 400 d. C., t x d q g r p p g l f r H l s f u d h v h q f r q w r x v h p h d d q d v h q w h x p x p r u h r v y d r v d q j x q h r v d r v h x u g r u h x p f d d d q j x h m f r p s d d d v h s d d d g d v r e u h d d u h d. J r v h u p r *Ó q n r ví*, v d p e p g h u y d g r g r j h j r, h u d x p v h u p r x v i d d g r s d d d v h i h u d x p d p d w d, x p i d g r. D d y h l r d u i h u q f l d d r f d p s r r q f r o j l f r: r f q f h u h u d y l w r f r p r x p s h v r f d u h j d g r s h o f r u s r (S l g g k d u k d, 2012).

Nr wnfkr hp t xhwr , p dlv gr t xh exvfdud r lj hp h| dval gd s dadyud, d hqwhylwldgd h| s h vxdv su s uldvlp suhw hvvr euh r t xh ylyhqf ldgr qd ur vlqdg h f xlgdgr uhvt xh fr qylyhp fr p r f qf hugh s huw . Tud duhwhv su s ur v l p er dvp r v h v l j q l i l f d g r v s h u p l v h d h w h v l q g l y g x r v f u d d h p s h u s h f v l y d v x e r h v l y d v h q l f d v d f h u f d g h w d v y l y q f l d v , g h p r g r d v l p e r d " d u v x d v k l w u d v f r p r f q f h u g h i r u p d v s d u l f x a l h v , s r g h q g r d w l p w d d u h w w d w j l d v g h h q i u h q v l p h q w d g h t x d g d v d v x d u h d d g d g h v . S h q d r l j h p g h v h x v h u p r , d r q f r a j l d m v h d s u h v h q v d f r p r x p i d u g r , h w d u q d s r v l r g h s d f l h q w h r x g h f x l g d g r u q h w d p h v p d v h d u d v l p e p s r g h v l j q l i l f d u d g h f h w l q d g h g h v x s r w d u x p s h v r d v h u f d u h j d g r .

Alqgd qr p hvp r vhfkr, ilfd h|sdfvgr r surfhw gh axw dqvfls dgr qd idal gd hqwhylwvlgd, vr ehvgr txdqgr hval thavd r vqvlp hqw gh shugd gd j hqlw ud qr prp hqw hp txh dh frpxqlfdgr r gldj q wlf r. Eqvqghqgr txh r vnp sr sur qj dgr sdud d ilqlwgh vñ frqwlxl frpr xp grv sduflsdlv rewfxavsdudsusldhader ud r gr axw (Mdwr fdwr & Cr glqkr w, 2020), sr wyhos huf hehudlqgd xp d ir uñ dwr fld r ihlvd d q yhogh vqv frpx hqwh r gldj q wlf r r qfr oj lfr h d vñp lqddgdgh kxp dgd, thiru dgr dfuhq dghtxh r f qfhu xp shglwusdudpruñ.

Awlp frpr rfr ufr p dsdw oj ldhp vl, r hqvqglp hqw vr eh r txh v r r vfxlgdgr vs dddvyr v h ghtxhir up drvp hvp rvhr shuf lr qdd"dp qdsu vlf dfoqlfdir udp txhww hvglv xlgdvs hñ v hqwhylwvlgd v, txh ds uhvqv udp vxdvylv hvd hfuf d ghv d vñp vlf d. Cr pr vx s udfvgr, dglilfxogdgh gh hqvqglp hqw vr eh ds ddd r ir lp dlvs uhvqvñ gr txh dvlqvñur j d hv vr eh r f qfhuhp vl, ghp r qwv dgr txh, sr up dlv txh r vfxlgdgr uhv dfr p s dqkhp r vs df lhqvñv hp xp dp exaw ur hvs hf ilfr hp fxlgdgr vs dddvyr v, hp txh xp d p glfd hvs hf lddv d qd vñp vlf d vñqgh d hwhvs df lhqvñv, dlqgd dwlp dfr p s uhqv r vr eh hwh w s lfr df ded vñqgr idkd hp dñ xqv prp hqw v. Tdoidw ñwv lfd d s uhvq d gdv r fr u qfldv gr hq d, gr xw u hqvqghu p hglfd, up glr h vavv r xwv txh id"hp uñhu qfld dr surfhw gh dgr hf lp hqw ghqvñ r vñp r v p dlv flvgr vdr oqj r gdv hqwhylwv (ilj xud 2).

Dhqvñ dt xhv hqwhylwvlgd v txh m vlqkdp xp d fhv d qr r vr eh dv p hglgdv s dddvyr v h vñv s uqf slr v, d s uhvq d gh xp d ht xls h p xols ur ilwlr qd o txh sr ghud fr qvlexlus d d vd gh h eh p -hv dgr s df lhqvñ, vñxvdp ldduhv fxlgdgr uhv r lxp sr qw u s huf xlvgr fr p iñt x qfld, gh p r gr txh r vs dvl fls dqvñv dvr fldydp r vfxlgdgr vs dddvyr v d xp d r s r uxqlgdgh gh r evñudx| dr qdv vñhidv h| huf lgdv ñqwr dr vxrlwv dgr hqvgr. Bhv d", txh fr p s dhfld s hñ s up hlud yñ" dr dp exaw ur, dr vñut xhwlr qdgd vñ m vlqkd dñ xp d fr p s uhqv r s u yld vr eh d vñp vlf d, thavd vñx sr qw gh ylvd vr eh r vñp d.

[... ' p xlvv yñ" hv dv s hwr dvwp hp p hqvñ, wp s d d v l t x h f x l g d g r v s d d d v y r v s d d s d f l h q v ñ v t x h m h w r h p i d v ñ v ñ p l q d o g h p r u ñ, t x d q g r a v' q d t x h a v k r u d, h v s h u d q g r . [...' E] l w ñ p p x l v ñ p d q h l u d t x h r v s u r i l w l r q d l v s r g h p d ñ x g d y q r f d v r g d g r u g d s d f l h q v ñ t x h l q v ñ q v d, s r g h d ñ x g d u g h t x d a x h u r x w d p d q h l u d, d o p g h v ñ p e p d ñ x g d u r v i d p l d d u h v a q', f r q y h u d q g r, r u h q v ñ q g r, v ñ p t x h v h i d " h u d w l p, g h w d i r u p d . [...' E v s h u r t x h r u h q v ñ p d l v a q', f r p r t x h v ñ p t x h i d " h u v h g h w d i r u p d h x a v' i d " h q g r h u d g r (Bhvd").

Cr pr m s r wv qd s u s u d g h i l q l r g h f x l g d g r v s d d d v y r v h a d e r u d g d s h a d O u j d a l " d r M x a g l d o g d S d g h, v a v d - v h g h x p d d e r u d j h p t x h q r v h u h v l a j h x q l f d p h q v ñ d r s d f l h q v ñ, g h p r g r d h a j a e d u v ñ p e p r f l f a i d p l d d u t x h r h q y r o y h (W r u g H h d o k O u j d a l " d v r q & W r u g z k l g h P a d d v y h C d u A a d q f h, 2017). L r j r, vñu d fr p s uhqv r gh txh h| l w ñ x p d q h f h w l g d g h g h t x h d h t x l s h u h d " h h w d d w l w w q f l d v ñ p e p d r v f x l g d g r u h v a t x h d o p g h f x l g d y v ñ p e p v r p h u f h g r u h v g h f x l g d g r a s h u p l w ñ t x h h w h v s u s u r v l a g l y g x r v e x v t x h p d s r l r, d f r d k l p h q w h l q i r u p d h v t x h f r q v l e x d p q r s u r f h w r g h d w l p l a u h r s h u d f l r q d d " d u h w d v s u v l f d v (C d y d d f d q v ñ h w d o, 2018).

Cr qvgr, d f h ñ x p d p d l r u h v l g h q r v f d r v h p t x h r v s u s u r v f x l g d g r u h v q r f r p s u h q g h p h q h p f r q v h j x h p h w d e h d f h u x p v l j q l i l f d g r s d u d r v f x l g d g r v s d d d v y r v. A w l p, u h a v v f r p r r g h Y d q d, 59 d q r v, h v s r v d h f x l g d g r u d g h x p s d f l h q v ñ f r p 65 d q r v g l d j q r w l f d g r f r p q h r s a v d p d d j q d g h h w p d j r, v x j l u d p q r g h f r u h u g d v h q w h y l w a v: E x d l q g d q r v h l, h x y l p d v h j x a g d y h", p d v h x d l q g d a v' s u d' v d e h u t x d o r v l j q l i l f d g r g h w h s d d d v y r . i C r u r e u d - v h f r p h w d l g h l d d i d a l g h H d q q d, 49 d q r v, d p l j d g d i d p d d h f x l g d g r u d g h x p s d f l h q v ñ g h 67 d q r v f r p g l d j q w l f r g h q h r s a v d p d d j q d g h s h ñ, t x h v ñ d p l w d i d " h u h i h u q f l d v d r v v l q w p d v u h a v d g r v s h a s d f l h q v ñ, v h p i d " h u p d l r u h v h a d e r u d h v d f h u d g r v v l j q l i l f d g r v d v l e x g r v d r v

fxlgdgr vs dđđvyr v: Qwlp, hx lp dj lqr t xh xp d fr lvd p xlw j udyh s r uf dxvd gdv gr uhv t xh hđ vhqvn, q', t xh p xlw, ghp dlv.

As hvdugr s r qw s uqf ls doqr s r f hwr gh hqihqvđp hqw gh xp d gr hq d t xh dp hđf h d ylgd h t xh hwdđ vhqgr p hglgdg s h v s uqf s l r v s dđđvylwđ q r v hđ qhf hwdđdp hqvn r hqvnqglp hqw s r up hqr u" dgr gh vhxv s lđuhv, p dv s uqf ls dđp hqvn dv v l j qlilf d hv h v l p er dvp r v vxerhvyr v fr qwx gr v s h v s u s l r v lqgly gxr v d hwh uhv h l w, d dxv qf l d gh t x d d x h u f r p s u h q v r d f h u f d g h w d v h p v l f d s r g h v x j h u l u x p d i d d d q d f r p x q l f d r h q w h h t x l s h h f x l g d g r u h j s r q g r r p h l r i d p l d d u h r s u s l r s d f l h q v n f u d r g h h j s h f v d v d v t x h v d y h" q r v h r d p f r q f u h w d g d v h, f r q v h t x h q v n p h q v n, t x h e u d g h w d v (S l o y d h w d o, 2021).

Lr j r, r s r f h w r f r p x q l f d v y r h q w h s u r i l w l r q d l v h h t x l s h d f h u f d g h v h p d v g h d f d g r v, v d l v f r p r d s u r | l p l g d g h g d p r u h a t x d q g r i r u r f d v r a h d d s d f d e l d g d g h r x q r g h p h g l g d v l q y d v y d a h h j s r v l r g h t x d l v p h g l g d v v h d p h w d v a s r g h f r q w l e x l u s d u d r s u r f h w r g h h a d e r u d r s v t x l f d g h w d y l y q f l d (L l p d & M d f k d g r, 2018). A w l p, d f r p s u h q v r g d h j s h u q f l d v x e r h v y d g r f x l g d g r u y l d e l d" d x p d d e r u d j h p p d l v h i h v y d g d h t x l s h g h u i h u q f l d, t x h l q i h d" p h q v n q h p v h p s u h h v s h f l d d w d h p f x l g d g r v s d d d v y r v, v q h f h w l g d g h v u h d l v h l g l r w l q f u v l f d v g h f x l g d g r g r i d p l d d u (L l p d & M d f k d g r, 2018).

Thqgr hp y l w d d v d q d v h v d s u h v h q w l g d v q h w d f d v n j r u d, s r g h v h s h u f h e h u t x h, d s h v d u g r g l d j q w l f r p g l f r v h u f r q k h f l g r, r v v d v d p h q w v d v h u p i h l w v h d v f r q v x o d v d v h u p u h d d" d g d v, r w s l f r f x l g d g r v s d d d v y r v d l q g d s d u f h v h u x p v d q w t x d q w v l d q f l d g r q r v g l o j r v u h d d" d g r v h q w h h t x l s h, s d f l h q v n, f x l g d g r u h v h i d p l d d u h v. E v h h w d f r p x q l f d r h w w v h q g r i d d d, h q v n q g h q g r d p h v p d f r p r x p s u r f h w r t x h h j l j h v d p e p x p v x s r u h h p r f l r q d o s r u s d u h g r v s u r i l w l r q d l v s d u d v h u u h d d" d g d, d s u s u d d s d f d e l d g d g h g d d e r u d j h p s d d d v y l w d v d p e p q r f r q v h j x h v h u i h l w d g h i r u p d h i l f d", s u h n g l f d q g r d t x d d g d g h g h y l g d, d w p d g d g h g h f l v h v h d r i h u d g h f r q i r u w s d u d r v v x r h l w v t x h d w d y h w d p h w h s u r f h w r g h d g r h f l p h q w.

### O"yÁÍyÍu³ v³ Íy³ Ōxu HĀuĒu²³ xu ÉÁÍ"Áu xĀwÓ'xuxĀ6

A v h u f h l u d f a d w h v h p x p d u s u h v h q w l y l g d g h g h 40,3% g r w v o l o g r f r q v n g r d q d d v d g r, v h q g r r v y r f e x o v p d l v s u h v h q v n: s h w r d, g l i f l o j h q v n, g l" h u h v s h u d y f x l g d g r, p x q g r, s u r e d p d, s d f l h q v n h d p r u T d l v s d a y u d v x u j h p h p f r q v n | w v d w r f l d g r v u r v l q d g r v f x l g d g r u h v h v x d v d v y l g d g h v t x h y r s d u d d o p g r h j h u f l r g r f x l g d g r, d s h v d u g h t x h, h p p x l w v f d v r v, q r h j l w d p p r p h q w v g h u h s l u r h d h j d x w w r i v l f d h p h q v l o s u h n g l t x h r e h p -h w d u g h w h v v x r h l w v.

A r o q j r g h v h x v g l v f x u r v, q r i r l l q f r p x p t x h r v h q w h y l w d g r v v h u i h u w h p d v y l g d g h v t x h g h d o x p d i r u p d g l p l q x w h p r f d q v d r g h u y d g r g r s u r f h w r g h f x l g d g r. P r u p d l v t x h d s u h v h q d g d v p h v p d v q r i r w h d o j r w r f r p x p q d u r v l q d g h w h v v x r h l w v, t x d q g r h q f r q w d y d p r s r u x q l g d g h v s d u d s -a d v h p s u v l f d q r v d y d p t x h h a d v d j l d p f r p r i d v u h v s u r v h v y r v g d v s r w y h l v f r q v h t x q f l d v d y h u y d v r u x q g d v g h x p d f d j d g h f x l g d g r h j f h w l y d, f r p r m v x s u d f l w d g r. N r g l v f x u r g h P d x a d, 47 d q r v, v l d h f x l g d g r u d g h x p d s d f l h q v n g h 29 d q r v f r p g l d j q w l f r g h q h r s a d v d p d d j q d g h p d p d, d u h d d" d r g h d v y l g d g h v i v l f d v x u j h f r p r l q w x p h q w v s r v h q v n v f d s d" h v g h e h q h i l f l d u d s u r p r r g h e h p -h w d u h d x w f x l g d g r.

O t x h h x j r w w g h i d" h u d q g d u g h e l f l f d v d l, v t x h x o l p d p h q v n h x q r a d y d' l q g r. M d v h x m f r p h f h l, f r p h f h l r q v n p, i r l r q v n p g h p d q k. l w r t x h h x j r w w g h i d" h u f r p x p d d p l j d t x h h x v h q k r, t x h d j h q v n v d q w d q g d g h e l f l f d v d t x d q w d j h q v n f r q y h u d (P d x a d).



Nr h| hp s o flvgr, d xql r gh xp d dlylgdgh fr us r do(dqgdugh elflf dnd) fr p d shvhq d gh xp d shvr d gh uihu qfld (d dp lj d) fr qwlexhp qd p dqxvnhq r gh xp dylgd t xh y s d d d o p gr vkr d "r qvnhgd s dw o j ld, gr fxlgdgr h gdv ixq hv oler udlv h| hufldg v qhwh fr qvnh| w. Gudqhur hwd (2019) hp hwxgr uhd dgr fr p fxlgdgr uhv idp ldduhv gh lgr vr v fr p ghs uhv r, dsr qvldp t xh dv s dqf l s dlv hwdwj ldv hqfr qvldgdv qd dndvud s d d g l p l q x l u d v r e u h f d j d g r v f x l g d g r u h v q r p e l w l q g l y l g x d o g l " h p u h v s h l w s u r p r r gh fr p s r u d p h q v v g h d x w f x l g d g r, d r h q v l q r g h w f q l f d v g h u h d l d p h q w, j h w r g h f r q i d w v h w r p d g d g h g h f l v h v, d o p g h f r q w l e x l h v q d p h k r u d g d v k d e l d g d g h v r f l d v g r v f x l g d g r u h v l q i r u p d l v h r l q f h q v l y r h v s l u v x d d g d g h v d q w g r v s d f l h q v h v t x d q w g h v h x f l f o v r f l d o p d l v s u | l p r.

Pdud d o p g h h w d w j l d v l q g l y l g x d l v, r p h v p r h w x g r f l v g r d s r q v d l q g d s d d d q h f h w l g d g h g h f u l d r g h s r o v f d v s e d f d v t x h s r w d p g d u v x s r u h d h w h v l q g l y g x r v, g h p r g r d p l q r u d u r v s r w y h l v h i h l w v q h j d v l y r v r u j l q d g r v q r h | f h w r g h i x q h v d g t x l u g d v. (Gudqhur hwd, 2019).

Ep s d v h v l g r v f r p r p d l v g h v h q y r q l g r v, u h g h v r u j d q l " d v y d v y r o d g d v d s e d f r v h v s h f i l f r v, f r q k h f l g d v f r p r f r p p x q l w f d u h y l d p d s r l d u i d l d d u h v h f x l g d g r u h v d s d u l u g h g l i h u q v h v p r g d d g d g h v, v d l v f r p r d v x e w l x l r g h w h v x r h l w v s r u s u r i l w l r q d l v, s d d d o h u q d u h w h v f x l g d g r v f r p d j x p (C r w d, 2017). O x w d l q l f l d v y d s u h v h q v h h p p x l w v s d v h v r o r p l g d v r e u r g d v, t x h s u r s r f l r q d u i h l h v d g r h q v h v h l q f d s d f l v g r v, f r p r i l w g h s r x s d u r f x l g d g r u g d v u h i d g h f r " l q k d u g l d u d p h q v h (C r w d, 2017). A l q g d q r t x h v d q j h d l q l f l d v y d v l q v h u q d f l r q d l v, d F d p l d C d h j l y h u A d d q f h (FCA), i x q g d g d h p 1977 q d C d d i u l d, s u r p r y h r g h v h q y r q l p h q w g h s r o v f d v h s u r j u d p d v s d u d f x l g d g r u h v h i d p l d d u h v, d v x d q g r h p u h d v f r p r h g x f d r, v h y l r v, l q y h w l j d r h d g y r f d f l d, y r o d g r v d r e h q h i f l r g h w h v x r h l w v (C r w d, 2017).

P r u p d l v t x h h w d v h w d w j l d v v h r d p s h q v d g d v, r x d w p h v p r l p s d h p h q v d g d v, g h i d w, d l q g d d w l p q r i d " h p s d u h g d u h d g d g h g h e r d s d u h g r v h q w h y l w d g r v, t x h v h h q f r q w d p h p x p f h q u r g l w d q v h g r l g h d o t x d q g r v h s h q v d h p s r w l e l d g d g h v t x h s r w d p d j u h j d u y d o u v v x d v i r u p d v g h h q i u h q v d p h q w. P d u d d o p g l w r, d w p h v p r d v s h t x h q d v d h v, f r p r v r f l d d u f r p s h w r d v f r q k h f l g d v, d f d e d p v h q g r f l v g d v s h o v f x l g d g r u h v, h p e r u d v h x v s h q v d p h q w v d l q g d v h r d p g l u h f l r q d g r v d r f r q v h | w g h d g r h f l p h q w. r t x h s r g h v h u s h u f h e l g r q r h | f h w r d v h j x l u u h v l u d g r g d i d d g h B h d w l ".

[... ' d q l f d f r l v d t x h h x i d r h p i l q d o g h v h p d q d, t x d q g r h x v l u r s u d v l u y v y h " h v d q r l v h g h x p v e d g r t x h h x v l u r s u d v l u y s u d l u f r q y h u d u f r p x p y l " l q k r, l u s u d x p d r x w d f d o d g d s u d l u f r q y h u d u s u d p h g h v d j d u x q v p l q x v l q k r v g d t x h d s u r e d h p d t x h h | l w h, h x v h l t x h h | l w h. A v y h " h v h x y r x s u d r x w d f d o d g d, x p r x w r e d l u r v s u d f r q y h u d u p h g l w d l u P r u t x h s u d h v t x h f h u d d, x q v p l q x w v, s r u t x h d j h q v h v d p e p v h p y l g d (B h d w l " ).

A v h w d w j l d v g h v r f l d d " d r, s r u p d l v v l p s d h v t x h s r w d p s d u h f h u d f d e d p d j l q g r f r p r y g x o d v g h h v f d s h s d d h w h v l q g l y g x r v t x h v h y h p h p x p f r q v h | w h p t x h s r x f d v s r w l e l d g d g h v g h o d " h u h | w d g r p l f l d d u h v r s r w y h l v, y l w r t x h, h p v x d p d l r u d, r f x s d p i x q h v g h f x l g d g r h p k r u l r v l q v h j u d l v. L r j r, e x v f d p - v h d o h u q d v y d v g h q v r g d v d p l v d h v l p s r w d v s r u h w d u r v l q d, d w p h v p r q r l q x l w g h s u h y h q l u u k s v x u d v q d v u h d h v d q v h u r u p h q v h h w d e h d f l g d v, v h q g r h w h x p i d w u s r w y h o g h v h u h | s h u l p h q v d g r s r u f x l g d g r u h v, f r p r d s r q v d g r q d d v h u d v u d (V d d h w d o, 2019).

A o p g d v u h d h v r f l d l v h g d s u v l f d g h h | h u f l r v i v l f r v, r w d e d d r v d p e p i r l f l v d g r f r p r i d w u s u r v h v l y r q d g l q p l f d k d e l w d o g r v h q v h y l w d g r v. P r u p d l v t x h d v s u s u d v d v l y l g d g h v o l e r u d l v d p e p s r w d p v h u f d x v d g r u d v g h h w h w h h v r i u p h q w s v t x l f r, d v p h v p d v v d p e p s r g h p d g t x l u u u h s u h v h q v d h v e h q i l f d v s d u d r v x r h l w v, v r e u h x g r t x d q g r h w h v q h f h w l v d p g h h v s d r v r q g h r i r f r q r v h r d d g r h q d h / r x

p hglgdvñuds xvf dvthæflr qdgr v s ur edhp dvgh vd gh. Ewh idw ðhs ðvhqvdgr qr vñfkr dvñj xlv ðhævdgr s r uRdlp xqgr .

Ndyhugdg, r t x h x i r f r p dlv ðp vðeddk du Dhs r lvghvdlqir up d ðv, qhp ðp f d v d h x t x h u r i l f d y h q v ð g h x . Pr ulvr , h x v æ v ' h p f d v d p h v p r q d k r u d g h g r u p l y æ u d ' g r u p l y h x q r j r w r g h h v æ l u s d u d g r . A q v l h g d g h v æ p e p d v æ f d . M d v v æ d e d d k d y v æ d e d d k d u E v d q r l v ð m v æ d e d d k h l , d j r u d r i r f r v v æ d e d d k d y p d v h x v æ d e d d k r v æ p e p h p x p s r w r g h j d v r d q d h v æ d e d d k r q r v l r v æ p e p . A r t x h x q r s r w r h v æ l u s d u d g r ( R d l p x q g r ) .

O vxj lp hqwr gr vðeddkr fr p r idw us ur vñvlyr d f d e d v h q g r x p d f k d g r l q v ð h v d q v ð q r g h f r u h u g d d q d v h , y l v r t x h r p h v p r q r f r w x p d v h u f l v æ g r q d d v ð u d x u d g h q v ð d v s u q f l s d l v h w æ d w j l d v g h h q i u h q v æ p h q w v t x d l v r v f x l g d g r u h v h y d d p , v h q g r d v p d l v f r p x p h q v ð f l v æ g d v d v l y l g d g h v s u d ' h u r v d v h p j h u d d h v s l u v æ d d g d g h h d e x v f d s r u v x s r u ð v r f l d o l q i r u p d o ( M d f k d g r h w d o , 2 0 1 8 ) . N h w h f r q v ð l w , d v d v l y l g d g h v æ l e r u d l v v r p x l w p d l v f l v æ g d v f r p r h d p h q w v g d y l g d s u j u h v d t x h s u h f l v d p v h d g h t x d y r x h p p x l w v f d v r v v h u p w v æ p h q v ð d v ð u d g d v , d s d u l u g r v x j l p h q w g h x p d g r h q d r x g h x p s u r f h w r g h v æ v æ p h q w t x h q h f h w l v æ u g h x p v x s r u ð p d l v i r f d g r s r u s d u ð g r f x l g d g r u ( M d f k d g r h w d o , 2 0 1 8 ) .

Oxvr s d u f l s d q v ð t x h v æ p e p f l v æ v d d v l y l g d g h æ l e r u d o f r p r x p s r w y h o i d w u s u r v ð v l y r S d x æ , t x h d v d f r p r p r w w l l , h u æ v æ t x h h w æ u h p f r q v æ v f r p d v s h w r d v , r t x h s u r s r u f l r q d g r s r u v h x v æ d e d d k r , f r q v æ x l s d u d v h x e h p - h w æ l u s v t x l f r , p h v p r t x h q r f r q v l j d v h g h v d j d u s r u f r p s d w r g r v s u r e d h p d v g h v d g h s h æ v t x d l v v x d h v s r v d h w s d v d q g r .

O t x h p h d p h q l " d x p s r x f r p d l v d g l v æ d r , s r u t x h x i d r f r u l g d g h p r w w l l , h q v ð g h x . A h w d v f r l v d v t x h x i d r h x i l f r v ð v æ l q g r d d y l d u d p l q k d p h q v ð , r p h x s h q v d p h q w , d p l q k d p h q v ð i l f d v l s r ó x p d v ð u d s l d æ u d ' p l p h w æ l u q r p h l r g d u d , d v æ v g h f r q y h u d y d v æ v g h v r u l y d v æ v g h e u q f d u f r p x p , g h e u q f d u f r p r x w r , d v æ v g h v h d d j u d u h , v y h " h v , h q j d q d u d j h q v ð p h v p r . D h d s h w r d w u d u q r w d y l g d f r p r v h i r v h x p d f r l v d h v s h f l d p h v p r t x h v ð k d x p d s h w r d g h q w r g h f d v d t x h s u h f l v d g h p l p , s u h f l v d g h q v , s u h f l v d g d q r w d d n æ g d , æ u d ' q r d f k d u t x h h w v , h p x p p r p h q w w r g l i f l o f r p r h w h , p d v h w æ p r v d t x l s h w y h u d q g r , d w r g l d t x h D h x v t x l v h u ( S d x æ ) .

Pr up d l v t x h r s u s u r h q w h y l w æ g r f r q v l j d l g h q v i l f d u h w h i d w u f r p r x p d h w æ d w j l d x l v d " d g d q d p d q x v ð q r g h v x d v d g h h p r f l r q d d l q g d d w l p r s u s u r f r q v l g h u d h w æ u ð h q j d q d q g r i t x d q g r u h d d " d d j x p d g h w d v d v l y l g d g h v . D h f h u æ i r u p d , h w h i u d j p h q w h y l g h q f l d t x h , p x l w h p e r u d r v h q w h y l w æ g r v h q v ð g g d p d q h f h v l g d g h g h u h d d " d u d v l y l g d g h v s u d ' h u r v d v h p p h l r u r v l q d g h v æ d e d d k r h f x l g d g r f r p r r x w r , h w h v p h v p r v v x r h l v v f r q v l g h u d p t x h r i r f r g h v x d v u h s r q v d e l d g d g h v h h q f r q v æ d q r v x s r u ð r i h u æ l g r d r v x r h l w d g r h q w æ g r , h p g h v æ p h q w g h w g d v d r x v æ d v l y l g d g h v f r v l g l d q d v . Pr w æ l v r , h y l g h q f l d - v h d l q g d p d l v r i h q p h q r g h g h y d æ u d " d r g h t x h l d v g h v d g h g r v f x l g d g r u h v , s u q f l s d q p h q v ð t x d q g r v h v æ v æ g h d v v x q w r v d v r f l d g r v v x d v d g h p h q v æ l o ( M d i i h l h w d o , 2 0 1 9 ) .

Nhwh p h v p r v ð f k r , h v s h f l i l f d p h q v ð q r æ l p r s h u r g r , s r w y h o d l q g d s h u f h e h u x p d u i h u q f l d d r h d p h q w h v s l u v æ d d g d g h , t x h v æ p e p i r l s u h v h q v ð q d i d æ g h r x w r v h q w h y l w æ g r v , f r p r C d u æ v , B h d v æ " h H d q q d . A w l p f r p r v x s u d f l v æ g r , d v t x h w h v t x h h q y r g y h p f u h q d v , i h u d j l r v l g d g h v r v ð p d v f r p x p h q v ð h p s u j d g r v t x d q g r v h l q y h w l j d d u h v s h l w g h i d w u h v s u r v ð v l y r v h h w æ d w j l d v g h h q i u h q v æ p h q w x l v d " d g d v s h æ v f x l g d g r u h v , v r e u h x g r q r t x h v æ l q h s h u f h s r g d p r u ð f r p r x p d s d v d j h p h x p d d e h u æ r g r v r i u p h q w h d y l v r g d i l j x u d g h D h x v r x g h r x v æ d g l y l q g d g h v x s h u r u f r p r s u r y h g r u g h i r u d v , s u q f l s d q p h q v ð t x d q g r v h d f u h g l v æ h w æ l u v r e d l p l q q f l d g d p r u ð ( P h u l l u d h w d o , 2 0 2 0 ) .

Ewh s r q w v æ p e p s r g h v h u s h u f h e l g r q r u æ l w g h C d u æ v , 5 9 d q r v , l u p r h f x l g d g r u g h x p s d f l h q v ð g h 5 7 d q r v f r p g l d j q w l f r g h q h r s æ v l d p d d j q d g h æ l u q j h , t x d q g r i d " u i h u q f l d v v x d v f u h q d v u d j l r v d v

vŵqwr q'r t x h gl" uhs hlv v hwwdwj ldv gh hqihqvd p hqw xvŵd"dgdv, t x dqwr hvs hudq d t x h ghs r vlŵd hp Dhxvhp xp d s r wyhohwŵeld" d r gr t x dgur gh vhx idp lŵdu Ō v Dhxv qd f d x d s u d' uhr qhur s u e d n p d. A j hqvn vhp t x h f r qilduq'r vkr p hqvŵd e p , q ' .Thp t x h f r qilduq'r vkr p hqv h hp Dhxv d t x l q d Thud, s u d' gduf h u r i . O g l v f x u r vŵd e p d s r qvŵ s d u d x p d l p s d f d r v x e r h v l y d g r d g r h f l p h q w s r u s d u h g r s u s u r f x l g d g r u t x h e x v f d x p d v x w h q v d r h p r f l r q d o s d u d p d q v h u v h q d s r v l r g h f x l g d g r s d u d q r r d k d u s d u d v h x s u s u r v r i u p h q w .

Cr p e d v h q r v w h f k r v d q d d v d g r v , s h u f h e h - v h t x h , s r u p d l v t x h d ŷ x p d v d w y l g d g h v v h r d p s u h v h q v h v q r v g l v f x u r v g r v h q w h y l w d g r v f r p r r s r u x q l g d g h v g h a l " h u h t x h f r q v l e x d p q d p d q x v h q r g h v x d v d g h p h q v l o d l q g d d w l p r v s h q v d p h q w v g l u h f l r q d g r v d r s u r f h w r g h f x l g d g r r f x s d p e r d s d u h g h v h v n p s r , l q v h u h u l q g r q d v i r u p d v f r p t x h h w h v v x r h l w v e x v f d p g l p l q x l u r v h i h l w v d g y h u r v g h x p d f d j d a l e r u d o h l d x w l y d . D h w d i r u p d , q r f r l q f l g h q v h p h q v h d ŷ x p d v g d v r f r u q f l d v p d l v f l v l g d v s h a v h q w h y l w d g r v d r ō q j r g r h w x g r i r u d p Dhxv, g l " h u h j h q v h ( h w d a l p d v h q g r d p d l v s u h v h q v h ) , p r w a d q g r t x h , d s h v d u g h r v d i d " h u h v g h f x l g d g r u r f x s d u h p x p d s d u f h a l v l j q l i l f d w y d g h v h x v n p s r , d l q g d d w l p h d n f r q v l q x d p v h q g r v x r h l w v g r v d g r v g h g h v h m v , q h f h w l g d g h v , g l i l f x a g d g h v h s r u p h q r u h v x e r h v l y r v , t x h r v i d " h p , q r p d l v d p s ō v h q v l g r g r v h u p r , j h q v h .

## QĀĀĒ'xyĒu yĒT'Āu'Ē

Cr p e d v h q d v d q d v h v u h d d " d g d v , s r g h - v h s h u f h e h u t x h d v h l s h u l q f l d v g h y l y h u f r p r f x l g d g r u g h x p s d f l h q v h r q f r o j l f r h p f x l g d g r v s d d d w y r v h l h u f h p l q i a q f l d h p x p d s d u f h a l v l j q l i l f d w y d g d y l g d g r v v x r h l w v t x h d x d p f r p r f x l g d g r u h v , g h p r g r t x h d f d j d g h w a d e d k r h l f h w l y d , d f r p s u h q v r d f h u f d g r s u r f h w r g h d g r h f l p h q w h g d v s h u s h f v l y d v f x u d w y d v h s d d d w y d v , d o p g d v d w y l g d g h v h l h u f l g d v t x h x o u d s d w d p d v i u r q v h u d v g r f x l g d g r v x j h p f r p r s r q w v f u x f l d v q d d e r u d j h p g d v y l y q f l d v g h w h v l q g l y g x r v .

P r u p d l v t x h r t x d q v w d w y r g d d p r w a d q r s h u p l a d i d " h u l q i h u q f l d v j h q h u d d w a d v , i r l s r w y h o s h u f h e h u t x h d i l j x u d i h p l q l q d d s d u h f h g h i r u p d s u s r a g h u d q v h q r t x h g l " u h s h l w d r s u r v a j r q l v p r g r f x l g d g r , v r e u h x g r d i l j x u d g d i l k d . A o p g l w r , r i d w g h t x d v h w g r v r v h q w h y l w d g r v h l h u f h u p d ŷ x p d r x w a d d w y l g d g h a l e r u d o h y l g h q f l d d q h f h w l g d g h g h x p d d g h t x d r g h r x w a d v h v i h u d v g r f r v l g l d q r v a l h i d v h l h u f l g d v n a q w d r v x r h l w g r h q v h .

D h w h p r g r , r h w x g r w a d - v h d l q g d p d l v u h d y d q v h s r u g d u s u r v a j r q l v p r i l j x u d g r v f x l g d g r u h v l q i r u p d l v , v h q g r h w h v g l i h u h q v h v g r v s u r i l w l r q d l v g h v d g h t x h , g h q w r g d d v h u d v u d , v ŵd e p v r u h i h u l g r v f r p r f x l g d g r u h v . O s e d f r d r t x d o d s h v t x l v d v h g h e u x r x d s u h v h q v d , h q w r , x p d g x s a l m u d g d h p v h x f r v l g l d q r , e x v f d q g r d g h t x d u d v d w y l g d g h v s u s u d v g r f x l g d g r v r x w a d v u h s r q v d e l d g d g h v a l e r u d l v . L r j r , h q v h q g h - v h t x h h l l w h x p d v r e u h f d j d s u v l f d h p r f l r q d d q h u h q v h u r v l q d g h w h v x r h l w v , h t x h q h p v h p s u h h w h v v r s r w v f r p r i l j x u d v f h q w d l v g h q w r g d v s h v t x l v d v u h d d " d g d v q d u h d .

D h w a l u h , g l d q v h g r v u h x a d g r v h y l g h q f l d g r v , l p s r u a d q v h s u r s r u f l r q d u d h v t x h s u r p r y d p d u h d d " d r g h j u s r v g h d s r l r v d g h p h q v l o h t x d d g d g h g h y l g d g h w h v f x l g d g r u h v , e h p f r p r d f u d r g h s r o v l f d v s e d f d v , f r p r l q v l w g h e h q h i l f l d u r f x l g d g r u h d d " d g r s r u h w h v x r h l w v , p d v ŵd e p f r p r x p d i r u p d g h s r v l f l r q - ō v f r p r s u r v a j r q l v a d g r v s u r f h w r v g h v d g h .

Pruilp, lp sr uelqvn ghwdf dut xh r suhvqvn hwxgr q r vñp srurerhvlyr deudqj huwgrv r v  
dvs hf v v hqyr q lgr v qr dv gr fxlgdgr, vñqgr hwn xp uhr uñ hvs hf ilfr gh xp d s r s x æ r æ f d d " dgd qr  
lqvnur ugr Chdu. Oxw d p l w d r gl" uhs h w dr wdeddr ds hqdvfr p s d f l h q v n v t x h v h q f r q w d y d p hp ilp  
gh ylgd, do p gh s r x f d glyhuilfd r qr t x h gl" uhs h w dr v æ r v idp l d d u h v h v r f l d v t x h r v f x l g d g r u h v  
h w d e h d f l d p f r p r v s d f l h q v n v. Dhwh p r g r, id"-v h q h f h w u r r l q f h q v l y r d q r y d v s h v t x l v d v t x h s r w d p  
dj uhj dudlqgd p dlvfr qk h f l p h q w d h w h f d p s r.

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Sxht qVf i j Gtjs f x / 4 8 - 6, / : 5 6 0 6: 1 m y u x = 2 2 ~ ~ ~ 1 j i f d h t w 2 u i k 2 6 9 5 2 6 9 5 6 5: 7 7 3 4 7 u i k 1

Dq j x / U 1 V 1 I Y ( R q j n r w / l 1 l 1 E 1 - 5 3 5 5, 1 F z n f i t x S f q n y t x u f v r S w k x x n t s f r x i j V f i j = D | f s t x j G r k h z q f i j x 1

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h z n f i t x 0 u f q n y t x 0 5 f Q i r h t 2 1

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P t v j n r / E 1 Y 1 F f r f w t / M F 1 Y l x z s t ( V I P 1 Q g w l f - R w x 1 S j w u j h y t f x y v h t Q j y t i t q l r h f x j r

v j u v j x s y f j x x t h r i r x t u 1 8 4 4 0 8 6 < , 1 H r y t w i f X s t j v x n f i j l j i j v q i f S f w g f 1

F f | f q f s j / D 1 H I V 1 Q j y t / M M P Y P f v r s x / N I P 1 F Y U t i v z j x / D 1 U 1 P Y J t ' f s s f / Q 1 I Y ( D w l t / R 1 F 1 - 5 3 4; , 1

S j w j u t i j h z n f i t v j x k r r q n y x t g v h z n f i t x u f q n y t x 1 D w z t t x i j F n s h r i x i f V f i j / 5 8 - 4, / 5 7 0

5; 1

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l f q z j y t / M P 1 \_ Y K t k r f s s / Y 1 H Y ( l f v n x / M V 1 - 5 3 4; , 1 V f y z v t y j v h f j r u j x v z r x f x v z f q n y t f x = v j d y t i j z r f

j S u j v n s h r i j f u q n f t j r j x y z i t s f v j f i j f i r r s x y v t 1 U j | r x y i j h n s h r i x i f f i r r s x y v t /

5 3 - 8 5, / 7 3 0 8 6 / 5 3 4; 1 m y u x = 2 2 u j v t i r h t x z k h t w 2 s i j S l u m u 2 f i r 2 f v r h g 2 j r i ~ 2 8 3 8 7 9 1

l j v j n r / P 1 G 1 O 1 V 1 P Y P z y w / P 1 H Y F t s i j / F 1 U Y P f v s / P 1 M V Y P j s j l z r s / V Y ( P f " " j y t / P 1 F 1 1 - 5 3 4; , 1 V j w h z n f i t w

i j k r r q n w h t r h s h j w F r j s h r i ' j s k w j w f / 5 7 1

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q " i f y t w i f i j P j q r x 1 G n x j v f t i j P j x y w i t b X s t j v x n f i j l j i j v q i t S f w 1

[m y u x = 2 2 j u t x y t v t z k u f t w 2 n f s i q 2 5 3 4 4 2 4 8 6 3 6 1](#)

J v f s j w / J 1 V 1 V f s y x / 1 V 1 V t z x f / N I F 1 U Y F r s y w / F 1 S Y F f x j r n r / P 1 F Y J f v n r / O 1 D 1 D Y ( E t r k n / U K 1 1 E 1 - 5 3 4 < , 1

V t g v j h f w f i j h z n f i t v j x k r r q n y x i j n t x t x h t r i j u v j x x t e j x y w y l r i x i j r s j v j s j x 1 U j | r x y f

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Qñ f/F 1S1G1Y( P f hñf i t/P 1G1D1-534; ,1Fzñ f i t ṽjx u w s hñuf r x f s y j f j Šuj vñ s hñf i f r t ṽj ÷ x j z x x j s yñ t x j  
xñ s hñf i t x1Sxñt q l rñ ÷ hñ s hñf j u w r k x x t /6; /; ; 04341  
m̃yux22~~~ khñj q ġv22u h u 2f 2G03 <F M0<K<l xV8pEwV8x| 21  
P f hñf i t/E1P 1Y Gñi f m/G1l 1Y( Nj ggj /O1P 1-534; ,1Fzñ f i t ṽj x i j k f r rñf ṽj x h t r i t j s f x h w s hñf x ÷ j x y ṽry l rñ x  
i j j s k̃j s y f r j s y t z y rñf i f x s t h t yñ rñ s t 1Ff i j ṽt x E ṽr x rñj n ṽx i j Ṽy ṽr uñ R h z u f hñ s f q59/5<<06461  
m̃yux22~~~ khñj q ġv22hñf g y t 2f 2Q E J S P u ~' M̃N N S u Y s r K x V": S2Bk w f y @ u i K q s l @ u y l  
P f k̃j rñ E 1Y D w j n ṽr /U1F 1G1R 1Y l j ṽj n ṽr /U1D1Y( F f w̃t x t /G1K 1-534< ,1H x y ṽry l rñ x i j j s k̃j s y f r j s y t i j h zñ f i t ṽj x i j  
u f hñj s y j x j r h zñ f i t x u f qñ y rñ t x s t i t r rñ qñ 1Sxñt q l rñ ÷ j t ṽñ j u w y rñf /54-6,/5; 506351  
m̃yux22j i rñ t ṽr ṽj | rñ y f x t f h p j s "ñ ġv22s i j Š l u m u 2 u y u 2 f y rñ ġ 2 ġ ñ ~ 2448581  
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v z f qñf y rñ f j r f t 1Q z i t r j i rñ 1  
P rñ t rñ F 1V/U j l rñ /1F 1Y( E j ṽt "t/O1-5343,1F f u f hñf t i t x u w r k x x t s f r x i t 1Q F D u f ṽr t f y j s i m j s y t  
n z r f s rñ f i t f t u f hñj s y t s h t q l rñ t j k f r rñf w s t F j s y ṽr i j V m z q t U j f q y rñf D q j j y H s x y j r s 1l s  
P r s rñ y ṽt i f V f i j /l s x y rñ z y t Q f hñt s f q G t F s h j w 1Q F D ,/( V t hñj i f i j E j s j k h j s y j l x ṽj qñf E ṽr x rñj n ṽr  
D q j j y H s x y j r s -R w x | 1F t r z s hñf t i j Q t y hñf x G r k h j r x = F t r u f y rñf i s i t i j x f kñ x s f f y j s t x f i j  
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P t z ṽr /O1N1E 1Y P f ṽr hñs rñ D1P 1Y P f y t x l 1W F 1V t z x f / 1l 1O1Q f x hñ j s y t /J 1F 1Y( P t z ṽr /P 1H1E1-5347,1U j | rñ t  
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m̃yux22~~~ l̃jri f q hñt w 2ui k2838: 2838: 83: : 5353ui kl  
Q t l f ṽt /D1F 1G1Y E f ṽj r /H1O1G 1V ṽr f x hñj ~ x p r E f ṽj r /M J 1V rñj n ṽr /U1V1G1Y F t l t /V1E1Y( F f ṽr qñt /G1S1G1-5353,1  
l r u ġ r j s y f t i j i n ṽy rñ f x f s y j hñu f i f x i j | t s y f i j = k f hñf i j x j i rñ h z q f i j x | ġ j s hñf i f x u t ṽj v z rñ j x  
i j h zñ f i t x u f qñ y rñ t x 1U j | rñ y f J f hñf i j H k j w f l j r /741  
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i t hñt x f z y t u t n x j 1Sxñt q l rñ /V f i j ( G t j s f x ; -5,/4; 404<91  
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S j ṽj n ṽr /F 1U1Y t g ṽr q J 1O1P 1Y i j D " j | j i t P f rñ /J 1O1Y( E j i t /F 1Q1J 1-5353,1D j x u m̃y z f qñf i j j s v z f s y t j x y ṽry l rñ  
i j j s k̃j s y f r j s y t u f ṽr t h zñ f i t w̃ k f r rñf ṽk̃j s y j f y j w r s f qñf i j 1U j | rñ y f Q z u j r /45-58,/45704661  
m̃yux22j rñ q j y z s rñ t ġ j x 2 j ṽr ġ j y 2 f y rñ h z q B h t i rñ t @ ; ; 7< 91  
U t hñf /H1G1P 1Y U t hñf /U1D1S1O1Y P f hñf i t /P 1H1Y t z "f /D1G1Y( V hñz hñr l 1E1-5353,1V t g ṽj hñf w f i t h zñ f i t w̃ j  
u f hñj s y j x t s h t q l rñ t x j r h zñ f i t x u f qñ y rñ t x 1U j | 1j s k̃j w 1X l S H t s q s j /40<1  
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i j u f hñj s y j x t s h t q l rñ t x 1F q s 1g rñ r j i 1ṽj x /6<4,/7308: 1  
m̃yux22j j ṽz k ṽx ġv22hñf 2f y rñ ġ 2 ġ ñ ~ 2 8: 742ui kl  
V f z s i j w̃ /F 1-4<98,1W ṽj qñ x y f l j x t k qñj 1W ṽj D r j w̃ hñf s a z w̃ s f qñt k s z w̃ r s l /98-6,/ : 30 81

Vrŵf/MOIU/Vt z" f/V1U1/Dŵ syf vŵ/OI 1l 1O1/P fhj i t/HIF 1Qzhfx/G1P 1V1Ffwt "t/L1U1/M( F r f vŵ/OI V1-5354,1  
Ftr zsrhf t sf yŵsxn t i t uf hŵsj tsht q l rnt uf vŵ tx hzn fi t xuf ŵŵŵt x= z r f vŵ| r x t r s y l vŵŵf 1  
Uj xj f vŵm/Vt hŵj y fsi Gj | j q ur j sy/43-7,/j 6; 543747635G 6; 5437476351  
mŵyux=22xi ō z v s f q' v 2 s i j S l u m u 2 x i 2 f v y n g j 2 j ŵ ~ 2476351  
Yf g j /MP 1P 1G1P f w z j x Q j y t /D1F 1Vf s y f s f /P 1H1G1( P j s i j x /F 1S1-534<, 1Yf ŵŵ f t i j y j h s t q l r ŵ u f vŵ  
f z y t h z n f i t i t k f r r ŵŵŵ h z n f i t w i j u f h ŵ s j x t s h t q l r n t x u f ŵŵŵ t x i t r r n r ŵŵŵ v j x 1 U j | 1 U j s j / l t v f g j " f /  
53/4Q 1mŵyux=22j ŵ t x r y t v ŵ ō k h g v ŵ n f s i g j 2 v ŵ k h 2767<31  
Yj r y /P 1W( F f vŵŵŵŵ /Y1D1-533; , 1Sxht Ō sht q l r ŵ ō j k s n j x j v j f x i j f y z f t 1l s Y1D1F f vŵŵŵŵ /P 1K 1S1l vŵ s h t /  
P 1M1Nt | h x /U1S1O g j vŵŵŵ /U1F 1P f h j n ŵŵ /P 1W1Yj r y /M( Ō i K 1F 1E f v ŵ x - R v ŵ x 1 /Vŵ r f x j r S x h t Ō s h t q l r ŵ  
ŵ u 46053, 1Vz r r z x 1  
Z t v ŵ K j f g m R w f s r f y n t s /Z t v ŵ ~ m i j S f ŵŵŵŵŵŵ F f vŵ D ŵŵŵŵŵŵ 1-534: , 1J q g f q f y d x t k u f ŵŵŵŵŵŵ h f vŵ f y y n j j s i t k  
ŵŵŵ 1mŵyux=22~ ~ ~ 1n j ~ m u h f t v 2 j x t z v ŵ j x 2 l q g f q f y d x Ō s Ō g s i Ō k ŵŵŵ Ō h f vŵ 1  
\_ f s j ŵŵ /Y1-5353, 1Vf i j r j s y f q l s j w j i r x u t x n ŵŵŵ t x = h z g z vŵ j u v h j x t x i j x z g g y ŵŵŵ t 1H r y t vŵ D u u v ŵ x 1

# TOa \_Wg a c bc dOf Sb hOWj TSa W W OgHf SdSf Qi gg Sg Rc OPObRc bc dOhSf bc S hf Ob ga Wjg Sg RS f Sdf SgSb hO Sg a OhSf b O Oc g TWw c g

I HP DOHVLQJ QHS DUHQW DP LQHV=UHS HUF XWIR QV RI SDWUQDODEDQGR QP HQWDQG WUDQVP LWMR QV RI P DWUQDOUHS UH/HQWDMR QV WR VK HF K LOGUHQ

buái"úÉxu g"Öu xy O<sup>23</sup> y"xu f ÄxÉ" ÖyÉ 4f yvywu b ÄÄuí Ä a uw-ux Ä

## f yÉÖ<sup>3</sup> Ä

Ovghedvñvfrqvñp sru qhrvgdPvlfrσj ldghFdp ddpw vh ghglf dgr fdgd yh" p dlvp hp vñp dv frpr d prqrsduhqvñdgdgh ihp lqlqd h d p xols dflgdgh gdv qrydvfr qilj xud hvidp ldduhv, t xhwlr qdqgr r vduuqmvñwglf lr qdlvt xh hudp w p dgrv frpr lghdlv. Dhvñ p rgr, ydñ thidñvñ vreh frpr vñ g r dv uhs hufxw hvs vt xlf dv qv p hp eur vs hñqf hqvñv d xp didp ddp r qrs duhqvñ ihp lqlqd, p h hildr (d), p r vlydgd shñ dedqgr qv gd ilj xud s dñuqd vñqgr hp p hqvñ dv h| s hf vñvdyv vr fldlv. Nhvd s huw hf vlyd, r s uhvqvñ duvj r dghqvñ d p dñuqlgdgh vr σ sru dedqgr qv, s hqv dgr vreh dv w dqv l w hv svt xlf dv p dñuqdv lqfr qvflhqvñ gh vx dv uhs uhvqvñ hv gd ilj xud s dñuqd dñvqvñ h r v s r wyhlv ghvñq r v s vt xlf v q r (dv) ildr v (dv) qv t xh vñqj h d hvfr d d dp r ur vd. Ewñ hwxgr frqvñghur x frpr p hwxgr σ j ld d shv xlvd vñ ufd d uhs hñw gr vñp d, edvh dgr -vñ qdv frqvñexl hv gd s vlf dñ dñ gh idp d d. A s dñuq g dv dñ dñv dñy dqvñgdv, r hwxgr surs h rihuf hu thidñ hv dñ huf d gdv s r wyhlv uhs uhvqvñ hvgr s dl dñvqvñ w dqv l vlgdvs r up hv vr σ.

**du<sup>2</sup>uÖÉÉw-uÖy:** Mr qv s duhqvñdgdgh Fhp lqlqd; Aedqgr qv; Evfr d d Ap r ur vd; Rhs hufxw hv Pv t xlf dv.

## OvÉÉÉwí

Crqvñp sru dñ ghedvñv lq Fdp ló PV fkr σ j' kdyh lqfuhdñvñj ó irfxvhg r q w s lfv vxfk dv ihp dñ vñqj dñ s duhqvñ r r g dñq vñ p xols dñ l w ri qhz idp ló fr qilj xudñv qv, t xhwlr qñqj vñh w dñvñv qdodudñq hp hqv vñdwz hñ vññq dv lghdo Tkñhñr uñ, lñvz r uñ thidñvñqj r q krz vñh s v fklf uhs hufxwñ qv r ffxulq vñh p hp ehv r i dñ ihp dñ vñqj dñ s duhqvñdñ ló, p r vñhudqg fklñ, p r vlydñv e' vñh dedqgr qp hqv r i vñh s dñuqdñ ilj xñ, nhñs lñq lq p lñq vr fldoh| s hf vñvñ qv. Fur p vñlv shws hf vñyñ, vñlv duñf dñ ghñhv lqv vr σ p r vñhuk r r g gñh w dedqgr qp hqv vñlññqj der xwñk xqfr qvflr xvp dñuqdñ s v fklf w dqv l wñr qv r i vñh uhs uhvqvñvñ qv r i vñh devñqvñdñvññ ilj xñ dñq vñh s r wñdñ s v fklf ghvñqñlv r i vñh lufklñqñqñ uñ dñqñqj vñh lñvñyñ fkr lñf. Tkñv wñg' frqvñghñq vñh r uñvñ dñvñdñf k frqvñghñqj vñh vñhp h, edvñg r q vñh frqvñexlvñ qv r i idp ló s v fkr dñdñ vñv. Bdvñg r q vñh thidñvñr qv uñlvñg, vñh wñg' surs r vñv w r i iñh thidñvñr qv r q vñh s r wñdñ uhs uhvqvñvñ qv r i vñh devñqvñdñvññ w dqv l wñg e' vr σ p r vñhñv.

**ZyáÜ ÄÉxÉñF** Fhp dñ Slqj dñ Pduhqvñ r r g; Aedqgr qp hqv Lr yñqj Ckr lñfñ; PV fklf Rhs hufxwñr qv.

Gudxdgd hp Pvlfr σ j ld shñ  
Pr qñi fld Uqlyhuñgdgh Cdw dñ d  
gr Rlr gh Jdqñlñr. E-p dñ  
[qd' vñdñgdñvñd@r xwñ r n f r p](mailto:qd'vñdñgdñvñd@r xwñ r n f r p)

Pur ihvñr uñ Awlvññqvñ gd  
Pr qñi fld Uqlyhuñgdgh Cdw dñ d  
gr Rlr gh Jdqñlñr, dñv dgr qv  
Pur j uñp dñgh P v-Gudxd r hp  
Pvlfr σ j ld Coqlf d; Pur ihvñr uñ h  
Sxs hñvñr uñgr fñwñr gh  
hvs hf ldd' d r hp Pvlfr vñuñs ld gh  
Fdp dñ h Cdv dñgr CCE (PUC-Rlr).

**Sx'í ÄÉuÉÉÄwñ ÄñA** qñghvñr q  
Mr uñhv Plñv

**f yvyv"x Äy<sup>3</sup>** H06/01/2024

**Ovy'í Äy<sup>3</sup>** H17/09/2024

**dÖv<sup>2</sup> wñ Äy<sup>3</sup>** H23/12/2024

**Q'íuÉ** Rr gulj xhv, N. S. gh A., &  
Mdf kdgr, R. N. (2024). Fdp dñv  
p r qv s duhqvñvñ ihp lqlqd:  
uhs hufxw hvgr dedqgr qv  
s dñuqñr h w dqv l w hv gh  
uhs uhvqvñ hv p dñuqdvñr v  
ildñr v. *Mr vñlfr: Ewñgr vñhp*  
*Pvlfr σ j ld* 12(1), 212 à 221.



## Whf c Ri c

Av idp d d v s d v d u d p s r u g l y h u d v v a d q v i r u p d h v d r a q j r g r v v f x a v, h p g l p h q v h v h w a v x u d l v, u h f r q i l j x u d h v g h s d s l v d e d u f d q g r g l u h l v v h g h y h u h v, t x h w h v g h j q h u r, g h q v h r x w a d v. O v a p d q k r g r j u x s r i d p l a d u g l p l q x l x h p q p h u r g h i l d r v, f r q f h q w a d q g r d o d a g d g h v h l q y h w l p h q w v q r t x h f k d p d p r v g h i d p d d q x f d o d u (W d j q h u T u r f r & A u p d q l, 2011). E w a d a l p d q r p d l v r u j d q l " d g d d s d u l u g d i r u p d r g h d d d q d v s d x v a d g d v h p x p l q v h u h w h h q v h d v i d p d d v g h r u j h p. O g h v h m g d i r u p d r i d p l a d u v x w h q v a d g r s h a v p h p e u r v g h x p f d v d o t x h g h i l q h p r v d f r u g r v d p r u r v v, d v h v f r d k d v u s u g x v l y d v h d r u j d q l " d r g d v i x q h v g h f x l g d g r.

D h y l g r d v a l v p x g d q d v g h v x e r h v l y d r h g h f r a g g l h v v r f l d l v y p v h q g r q h f h w u r x p d v a d q v i r u p d r g h p h q v a d g d g h v r e u h d f r q f h s r g h v h u h g h f r p s u h h q g h u d v u s u h v h q v a d h v i d p l a d u h v. P r l v h w h s u r f h w r h w a d e h d f h f u l d h v g h q r y d v x e r h v l y l g d g h v h g h u a d h v h q v h r v p h p e u r v g r j u x s r. E q w r, d s d u l u g h w a d v v a d q v i r u p d h v v r f l d l v, g d p x g d q d g h g h i l q l r g r t x h i d p d d h g d f u l d r g h d o l v t x h u h f r q k h f h p r x w r v d u d q m v i d p l a d u h v, q r v t x h w l r q d p r v f r p r d i l a d r, h d u s u h v h q v a d r g d i l j x u d s d v h u a d d x v h q v h v h g r q d v f k d p d g d v f r q i l j x u d h v f r q v h p s r u q h d v, f r p r q r f d v r g d p r q r s d u h q v a d g d g h i h p l q l q d. E p x p f r q v h l w s a x u d o g h f r q i l j x u d h v i d p l a d u h v (S f r u r d q l -C r p l q & S d q w v, 2016), h q v h q g h p r v t x h h w a d f r p s r v l r i d p l a d u s r g h v h u p r v l y d g d s r u g l y h u d v u d " h v, f r p r g l y t f l r, v h s d u d r, p r u h, d e d q g r q r g h x p g r v p h p e u r v g r f d v d o s d u h q v a d s u r f h g l p h q w v g h u s u r g x r d v l v l g d h d g r r. O v g r l v a l p r v v r p r v l y d g r v s h a g h v h m g h x p s u r h w g h y l g d l q g l y l g x d o g h s d u h q v a d g d g h, d r s d w r t x h d v r x w a d v p h q f l r q d g d v r f r u h p g h y l g r d r x w a d v y d l y h l v. P r u p, w g d v l p s d f d p t x h d o x p v l j q l i l f d v l y r O x v h q v h i, v h p s d f h u d s d u h q v a d x p d i d p d d h f x l g h g h i l d r v (d v).

H q h w a d v i d p d d v, s r u a d q w r, x p d q l f d u h s r q v y h o O h a f x l g d g r, s h a d v s u p h l u d u a d h v l q v h u s h w r d l v h s h a d f r q v w a r r g d d i h v l y l g d g h h g r d p d g x u h f l p h q w h p r f l r q d o (S f r u r d q l -C r p l q & S d q w v, 2016, s. 143). E q d t x h a d v f x a d v i r u p d h v v h g s r u p r u h r x d e d q g r q r, q h f h w u r, s r u s d u h g d p h v r a, d f d s d f l g d g h g h d g d s v a d r u s h q v l q d h v a d e d k r s v t x l f r g h a w r, d h y d q g r h p f r q v l g h u d r d v l p h v p d h v a p e p r v (d v) i l d r v (d v).

A x w u h v f r p r S f r u r d q l -C r p l q & S d q w v (2016, s s. 143-146) h q i d w " d p d l p s r u w q f l d g d q r r g h O v a d q v p l w r s v t x l f d h q v h j h u d h v i s d u d f r p s u h h q g h u f r p p d l r u f r p s d h l g d g h d s a x u d g d g h g h w h v q r y r v d u d q m v. l p s r u a d q v h s h q v d u t x h t x h p s h u p d q h f h f r p r h a d p h q w r u j d q l " d g r u g d v u s u h v h q v a d h v s u p l v l y d v h h w a v x u a d q v h v r j u x s r i d p l a d u v h f h a g r r v h q v r g h s h u h q f l p h q w r, g h u h f r q k h f l p h q w r h g h f r q i l d e l a d g d g h, d v l p f r p r d f r q v l a x l r g d f d s d f l g d g h g h f r p s d u l a d p h q w r g h x p d y l g d q v l p d g l u d h q v h r v p h p e u r v i d p l a d u h v (N h w, 2017; P d w r v, 2017).

E q w r, h w h d u d q m, f r p r t x d a x h u r x w r, s h u p l v h, s r u p h l r g d v a d q v p l w r s v t x l f d, d f u l d r g h f d p l q k r v s h a v t x d l v r v i l d r v l u r v a d k d u P r u p, v h k d o r g h O r y r i h g h f r q v h p s r u q h r, t x h v x j h f r p r g l i h u q v h q h w d f r q v l a x l r i d p l a d u f r p r r f d v r g d x v q f l d s d v h u a d, h q v h q g h p r v t x h O v f r u s r v h v x d v p d q h l u d v g h v h f r q h f v a l u p f r p d o a j x d h f r p r x w r v f r u s r v i v r d i h v a l g r v (G x h u d, M r u h l u d, M d o d & G d d k d u g r, 2019, s. 210). O x v h r d, s r g h p r v g l " h u t x h d u a d r p h -i l d r v h u r x w a d v h p r f r u s r g r s d l, d s h v d u g r s d l h l l w l u l q g h s h q g h q v h p h q v h g h x p k r p h p, s r l v O s d s h o l v e d f r g r s d l v x w h q v a d g r s h a d d v l e x l r l p d j l q u d g r r e r h w i d f r g h v h r d g r s h a d p h i (P r p e r, 2019, s. 4). P r u p, q r k d s r v l e l a d g d g h g h x p d



vxewwñl r,dp hsrghds hqdvñ lghqvñlf duñ r p dsrñl r s dvñuqñ (Prper, 2019, s.2) hsrup hlr ghvxdv lp dj hqv p q p lf dv, uhs uhvñqvñud ilj xud dxvñqvñ. O t x h wñdqvñ lvgr shñ p h h r t x h hñ shñ hqñldgr qd ildd r, s r wñdqvñ, v r s r qvñ v l p s r wñdqvñ v s dñ s hqvduhvñ dñdqm (Gxñud, Mr ùlñud, Mdññ & Gdñdñgr, 2019).

Nhvñ vhqvñgr, ùfr ùhqvgr p hwir ùd gh Bhqj kr “l (2010), wñdqvñ qñfhv ùr xp d p dñdj hp h ùp dñdj hp vñ fñdovr ùh d idp dñ, l wñ , ùhñ lñlñdñgh gh j hñduhvñ d r s dñ s hqvdu gñihvñqvñ klwñ ùdv. A ùhññ r h d dñr p r g d r gh r x wñdñr ùp dv gh fr qñlj xud h v idp lñduhvñ h wñdñdñf hp ghñlgr d xp Òñdñdñr s v t x l f r gh fr q wññ r -ghvñr q wññ r ù gh ghñhvñ v l wññp dv (Sfr ùr dñl-Cr p l q & S d q wñ v, 2016). l wñ s r wñ, wñdqvñ ixqgdp hqvñdñdñyñ” p dñv gñwñf dñdv idf h wñdñ dñhvñdv h gh ùhñvñqvñ h v wñdqvñ lvñdv v j hñd h v ixvñdv hp vxdv ùdñ h v dñr ùr vdv, idp lñduhvñ h vñ fñdv, gh p dñdñgr d l p s r wñqñld g d wñdqvñ l wñ r s v t x l f d j hñdñr qdñh g d f d s dñ l g dñgh gh wñdqvñr ùp dñ r.

Fdñh dñr hñ s r wñ, qñwñ wñdñdñr ghñhvñr qñhp r v d gñvñxwñ r vñ ùf d ùvñ dñdñdñ qd dñvñdñvñdñ gh s v l f r vñdñs l d gh idp dñ h g d s v l f d q dñv. Eqñvñqghp r v t x h h wññgr v v r ùh h wññ dñdñm h vñ hñ fñl f r v r f dñdñyñ” p dñv ixqgdp hqvñlv, d ilp gh hqvñqghñ d p xñs dñ l g dñgh gh fr qñfñs h v l qñvñdñdñdñdñ h wñdqvñ lvñdv dñvñh wñdñdv shñ dñdñgr qñr g d ilj xud p dñvñdñdñ s dñhqvñdñ Dñyhvñdv gñp hqv h v xñvñvñdv ùfñhñp r hqvññ s dñp hqv s v t x l f r fr p s r wñ s r u ùhñvñqvñ h v ghvñdñ hñ shñ qñld, fr p r h v f r dñdv dñr ùr vdv, dñdñs vñ r d shñdv, ùr ùp dñ r gh s dñfñdñdv, hñ hñfñl r g d s dñhqvñdñdñgh h fr q wññ r gr vñqvñr gh s hññqñl p hqvñ h dñwñ h v l p d.

## a c b c dñf SbññO\_ñORS gñ\_c dñ f O P Òb R c b c

A p r q r s dñhqvñdñdñgh ùhp lñl q d s r ùdñdñgr qñr dñhvñr gr j hñl wñgr (d) ùl dñr (d) r x gr hñ -s dñfñlñr gh fr qñly qñld, shñ ùl v gr Dñhñl wñ, ghñlñl g d shñ q r f x p s ùp hqvñ Ògr v ghñhvñvñ ùñgñl f r v gh s dñvñl g dñghñ (L er, 2020, s. 288) h xp d q r ùdñ r fr p r (d) ùl dñr (d). Cr p r ùhñfñxwñ r, s r ghñp vñj l u hñ shñ qñldv hp r fñr q dñl t x h dñvñh wñdñp d ùl g d dñxñdñ ghvñ ùl dñr, fr p r s r u hñ hp sñ, l qñvñ xudñ dv h vñqvñp hqvñ gh ùhññl r. S r idp dñdñ f xñdñv qñld gr s dñl r fr ùh gh ùr ùp d l qñvñ hñdñdñ, ghvñgh r l qñl r g d j h wñdñ r, dñ v gñly ùfñl r x vñs dñdñ r.

Fñdñp r v, hqvñr, idfñ d xp d fr qñlj xud r idp lñdu ùhñ dñvñdñ gh ydñdñ r qdñvñdñ” h v gr dñdñgr qñr. Av ùhñdñdñdñghvñ r gñl wñqvñdñ, r qgh dñl j xud s dñhqvñdñqñ r s dñvñfñs dñgh qñqñxp dñr x gh ds hqdvñ s r x f dv h vñdñ dv g d ùl g dñ gr (d) ùl dñr (d), hp p x l vñdñvñdñ h v qñ r r ùhñfñh dññg dñl q dñfñ hñdñ, h, gh p dñhñdñ l q wñyñhñ ùi ù j l q wñdqvñ lvñdñs r l r. Avñp, dñl j xud p dñvñdñvñ wñdqvñr ùp dñp xp dñj hqvñ gh f x l g dñgr vññ, dñ qñld ùl j xud s ùr yñgr ùdñ t x h vñ r f x s dñ gh wñg dñ dv ùvñs r qvñdñdñdñghvñ dñ dñdv ùl dñdñ/dr ùl dñr, dñ v f x l g dñgr v g dñ f dñdñ h gr gñl qñhñlñr, dñp gh vñu dñ Òñqñ xñlñhñhu qñld qd wñdqvñ l wñ r gr v s dñu h v f xññ ùdv [...] hñ qñld ùl j xud gh dñwñ ùl g dñgh qd vññhñdñ gh r f x s dñ r òj dñs dñhqvñdñ (Whñwñp dñq, 2009, s. 153).

Nhvñ vhqvñgr, dv ixq h v p dñvñdñdñ h s dñvñdñdñ, s hqvñdñdv s r u fñhñg qñr v f xññ XIX, ùl f dñp ùdñvñqvñ p l wññdñdv h ùñ g dñv, h dñvñdñp hqvñ s r ghñp vñhññ hñfñg dñs r ùdñp ùr v r x s r ùv xp gr v s dñv. Nr hqvñdñqvñ, qñwññ òl p r f dñr, hqvñr qñvñdñp r v fñvñdñdñp l vñdñ h v, s ùl qñfñs dñp hqvñ s dñdñdv p xññ hñvñp idp dñdv p r qñr s dñhqvñlv, s r l v dñ hñfñxñ r ghvñdñv ixq h v vñu s hñp h dñdv s hñ vñ ùl p hqvñ g d ùx s vñdñ r x gr dñdñgr qñr s dñvñdñr. E hqvñr, t x dñgr dñp hñ hñfñh dñvñ p r gr dñvñdñdñ r s dñvñdñdñ, hñ h wñ vñ ùdñvñdñgr qdñv ùhñvñqvñ h v l p ù òf dv l qñvñdñdv, dñs dñvñl gñh Òghqvñl f dñ h v hñ l qñvñ rñ h v l qñdñj xud g dñv qdñ l qñ qñldñ (Bdñfñ hñdñ, 2012, s. 30-31) h qdñv vxdñ

h| s hu qf l d v d q vñ u r u h v f r p r x w r v s d f h l u r v, t x h s r g h p vñ u v l g r s h u s d v d g d v s r u d i h v r v k r vñ w (Rr guj x h", Gr p hv & Odyhlud, 2017; Rr xglqh v f r, 2003; Whlwp d q q, 2009).

Eqw r, d f u d r g h wñ (d) i l d r (d) d f d u h vñ p x g d q d v q r d p e l h q vñ h q d y l g d g h wñ p h v r σ, j h u d q g r q r y d v u h s r q v d e l d g d g h v h i x q h v g h y l g r d x v q f l d s d vñ u q d, s u q f l s d p h q vñ f d v r q r k d r d x p d u h g h g h d s r l r r x vñ u f h l u r v f r p r r h p s u h j r, d h v f r æ h r v d p l j r v t x h s r w d p d x | l d d u q h w d p d vñ u l g d g h (Eqv l q n, Fr q d j ', N r u p d q g l q, B h u k h o r w B l e h u g " l f, & D x y d q 2015; L l p d & F u h v - C d u q h l u r, 2021). A s h v d u g h d i d p d d p r q r s d u h q vñ u h u f d u d f vñ u " d g d f r p r x p d u d q m s æ u d o f r q vñ p s r u q h r, q r g h l | d g h v h u x p d f r q i l j x u d r j h u d g r u d g h l g h q vñ u d g h h g h l p s d f w q d v x e rñ v y d r g h v h x v p h p e u r v (Rr guj x h", Gr p hv & Odyhlud, 2017).

Aw l p, s h u f h e h p r v, t x h d s u v l f d g d s d u h q vñ u d g d g h v r σ q r i f l o h h | l j h x p Ó u d e d d r s v t x l f r l q vñ q r i s d u d v d q v p l w u d f x æ u d h d v v d g l h v s d u d d g d s vñ h v s v l f r o j l f d v q h f h w u d v s d u d d y l g d g h p d q h l u d v r σ (l d f r q h æ, 2020, s. 17). D x u d q vñ h w h s u r f h w r r f r u h p u h r y d q l " d h v q d v x e rñ v y l g d g h g h v h x v p h p e u r v h d u d v y d r g h d h p e u d q d v g d k l w u d s h w r d o g h l q f r p s d vñ x g h g d p h t x h s r g h p u h s h u f x vñ u h p v h x v i l d r v.

P d u d o p g r v l p s d f w v q r v d v s h f v r v h p r f l r q d l v t x h v h y h æ p q d p r q r s d u h q vñ u d g d g h i h p l q l q d, d v r f l h g d g h g h v f r q v l g h u d, p x l vñ y h " h v, d v g l i l f x æ d g h v i l q d q f h l u d t x h h w h d u d q m i d p l d d u s d v d, h | l w l q g r s r x f d v s r o v l f d v s e d f d v l p s d h p h q vñ u d g d s d u d h v d v p h v h p d q vñ u h p q r v d e d d r h j d q k d u h p x p v d o u r l j x d d u r. D h y l g r d h w d g h v l j x d g d g h q r p h u f d g r g h v d e d d r h d r d x p h q w g d u h s r q v d e l d g d g h i d p l d d u g d v p x æ h u h v, s r g h - v h vñ u f r p r f r q vñ t x q f l d d p s d i l f d r g d i h p l q l " d r g d s r e u h " d (Odyhlud, 2021).

N r j h u d o d v p x æ h u h v h h q f r q vñ y d p q d i d | d g d f d p d g d s r e u h g d s r s x æ r h p g l y h u r v s d v h v h P h d u f h (1978), s r u v x d y h ", d f u h g l vñ t x h r d x p h q w g h w h s u r f h w r d h y r x d p s d d r g r q p h u r g h æ l u h v p r q r s d u h q vñ u v. D h y h - v h f r q v l g h u d r f r q vñ | w v r f l d o h f x æ u d o g h l q vñ u r g d v i d p d d v p r q r s d u h q vñ u v e u d vñ l u d v, m t x h v r y d u l y h l v t x h h w v x u d p r s v t x l p r. A o p g l w r, r j q h u r h d u d d vñ p e p v r y d u l y h l v t x h l p s d f d p h p i u d j l d g d g h v q h w d v f r q i l j x u d h v i d p l d d u h v. F d p d d v f k h i l d g d v s r u p x æ h u h v q h j u d v r x s d u g d v v r p d l v d i h vñ u d g d v h f r q r p l f d p h q vñ g r t x h d t x h æ v f k h i l d g d v s r u k r p h q v r x p x æ h u h v e u d q f d v, r f r u h q g r, s r u d q w, x p g h v d p s d u r v r f l d o (W h l w p d q q, 2009).

C r q i r u p h s r v x æ l G r æ g d q l (1994), g h v g h d g f d g d g h 90, h p u h æ r h w vñ w l f d, vñ p k d y l g r d x p h q w g d v i d p d d v f r q vñ p s r u q h d v h p g h vñ p h q w g d v v d g l f r q d l v. A i d p d d q x f d u d vñ p v h w u d g r, h q w r, x p d h | s h u q f l d p l q r u w u d (U " l h o 2007). l p s r u d q vñ t x h d v q r y d v h w v x u d v i d p l d d u h v h r d p h w v x g d g d v s d u d t x h k d r d f r p s u h q v r g d v p r e l d " d h v s v t x l f d v t x h s r g h p h p h j l u vñ q w q d vñ u s l d g h i d p d d t x d q w q d g h f d v d o

S r e u h d h | s h u q f l d g h v h i d p d d p r q r s d u h q vñ u s r u d e d q g r q r, s u h f l v d p r v s h q v d u h p f r p r h w d v d q v p l w r s v t x l f d j h u d f l r q d o p x l vñ y h " h v f d u h j d g d g h y l y q f l d v g h g h v d p s d u r h g h d g y h u l g d g h v, d e u l q g r h v s d r v s d u d v h q vñ p h q w v g h l q f r p s d vñ x g h f r p s d u l d d g r v q d i d p d d. N r f d v r g h p x æ h u h v k h vñ u r w h | x d l v f l v j q h u r, r i d w g h q r k d y h u x p p d u l g r s r g h j h u d u l q p h u d v y x æ h u d e l d g d g h v, f r p r d v f l vñ u d g d v, vñ d p v r f l r h f r q p l f d v, p h q vñ l v r x u h æ l f r q d l v (M r u h l u d v, 2021; W d vñ u, 2021). O v h q vñ p h q w g h v r d g r h g h v r e u h f d j d v r y h u e d d d g r v s r u h w d v p x æ h u h v, s r u p h l r g h i u d v h v f r p r: Ó p x l vñ f r l v d s d u d x p d s h w r d v i r x Ó h q k r t x h v h u d r p h v p r vñ p s r d v g x d v f r l v d vñ, t x h h | d x u h p d i r u d i h p l q l q d, f r p r r e v h y d g r s r u L l p d h F u h v - C d u q h l u r (2018, s. 17).

Ov thv xñdgr v hqfr qvñdgr v qv hñvgr gh Llp d(2018) y r dr hqfr qvñ fr p r v gh Whlwp dq(2017) t xh ghvñd d qhfhvñgdgh gh d p h vñugr lv: s d l h p h h p x p d q l f d i l j x u d. Ew h s h q v d p h q v r v h d w h p h k d v h q v d v y d g h s u h q f k h u d i d v d g h x p d i x q r q r r f x s d g d. Cr qvñgr, l p s r u d q v h v h u p p h q v h t x h p h v p r q d d x v q f l d, d i l j x u d s d u h q v d l p d j l q d g d h h q y r g y l g d h p p x l v d h l s h f v d v y d v, t x h v r f r q v w x g d v v d p e p s h a l y l d g d v d q v p l w r.

Nhwh vñvñgr, gh vx p d l p s r u w q f l d u s h q v d u d v f r q f h s h v h q y r g y l g d v q r l p d j l q u r v r f l d o v e u h h v d f r p s r v l r i d p l d d u s d u d q r f d l p r v h p x p d q d u d v y d t x h l q v h q v l i t x h q d p h d v h q v d r g h i d d r x g h r q l s r w q f l d t x h s u r y r t x h p d q h f h v ñ g d g h g h v h u g r l v. A o p g l w r, k x p d f d u q f l d q r f r q v h l w v r f l d o g h r i h u f h u d v d l v i d p d d v d s r v l e l d g d g h g h x p d h l l w q f l d f r p t x d d g d g h g h y l g d h p g l y h u d v g l p h q v h v (Llp d & F u h v - C d u q h l u r, 2018). P r u l w r, d u h d y q f l d g h v d o v l w h p d i d p l d d u s u h f l v d v h u d q d d v d g r h p u h a l r v y l y q f l d v d i h v y d v h d v d q v p l w r g r v p r g h v g h l g h q v l i f d r.

## h f O b g a W g S g d g e i W O g S f S d S f Q i g g S g R c O P O b R c b c d O h S f b c

N d v s r v x a l h v g d s v l f d q d v h i u x g l d q d, p x l w v g h v h x v h w x g r v v h f h q v d u d p q d f r p s u h q v r g h x p Q l s d u h k r s v t x l f r l a g l y l g x d a, v h r u l d q g r v r e u h r v d v s h f w v v x e r h v l y r v l q f r q v f l h q v h v. P r u p, d s r v h u r u F u h x g d y d g r d f r p s u h q g h u d s u h v h q d g d Q i q v h u x e r h v l y l g d g h f r q v l w x v l y d i f r p r d q r t x h i d s d u h g r l a g l y g x r. N h w h v h q v l g r, h q v h q g h - v h t x h r v x r h l w d v d y h w d g r s r u r x v d v u h a l h v g h v g h d l q i q f l d h f r x e h d s v l f d q d v h l q f a l u r f r q f h l w g h v d q v p l w r s v t x l f d. l w r i r l g h x p d l p s r u w q f l d s d u d v d e r u d j h q v g h i d p d d h f d v d o (F u h v - C d u q h l u r & M d j d d k h v, 2005; G r p h v & Z d q h w l, 2009).

P d u l p r v g h w h l q f l r v h u l f r s d u d s r g h u p r v i x q g d p h q v d u v h r u l f d p h q v h d v d q v p l w r s v t x l f d p d v h u q d h p i d p d d v p r q r s d u h q v d l v h d v x d v s h f x d d u l g d g h v s d u d d i r u p d r v x e r h v l y d g h v h x g h v f h q g h q v h. A x w u h v l p s r u d q v h v q d u h d g h i d p d d s d u l u d p g r v s u h w x s r w v g d v h r u d i u x g l d q d s d u d s h q v d u r i h q p h q r g h v d q v p l w r j h u d f l r q d o q d i d p d d d w l p f r p r h u d d y d g r h p f r q v l g h u d r s r u d x w u h v s v - i u x g l d q r v f r p r K d v h E l j x h u (G r p h v & Z d q h w l, 2009). A d x v q f l d s d v h u q d s r u d e d q g r q r s r g h r u j l q d u h s u h v h q v d h v v h f l g d v q r p x q g r l q v h u q r g r v (d v) i l d r v (d v), d v d y h w d g d v v d p e p s h a l v d q v p l w r s v t x l f d g d v y l y q f l d v p d v h u q d h p u h a l r d r d e d q g r q r h h l s h u l q f l d y l y l g d f r p r j h q l w u g r (d) i l d r (d). A v u s h u f x w h v g h w d d x v q f l d s r g h p l p s d f v d u q d y l g d v x e r h v l y d g r v (d v) i l d r v (d v) h s u r p r y h u x p f r q i d w h q v h d v v x d v s u s u d v u s u h v h q v d h v h d v v d q v p l v g d v s h a l p h.

A v d q v p l w r j h u d f l r q d o g h v h q f d g h l d x p d s d v d j h p g h f d u l f v h u w l f d v v x e r h v l y d v, y d a u h v, i d q v d l v d l q f r q v f l h q v h v, h v d g r v p h q v l l v, p r g d d g d g h v u h a l f l r q d l v f r q v l j r p h v p r h f r p r x v d v s h w r d v. P r u d a q w, i d a l p r v h p x p i h q p h q r f r p s d i l r, h q y r g y h q g r s u r f h w r g h l g h q v l i f d r (E l j x h u 2011). A h l s h u l q f l d g h d e d q g r q r s d u h q v d o p d v f x d q r q r s r g h v h u f r p s u h q g l g d g h i r u p d v l p s d v d l, n a v d l p h q v h s r u t x h h q y r g y x p d v d q v p l w r l q v h u j h u d f l r q d o h d v p h v p r v d q v j h u d f l r q d o

A v d q v p l w r l q v h u j h u d f l r q d o d d p h q v d g d s h a l l g h q v l i f d r, f x m g h v g r e u d p h q w r h v d e h d f l p h q v g h x p d v h p h k d q v h h q r l j x d d g d g h u d g l f d o d r e r h w. A v h j x q g d p r g d d g d g h g h v d q v p l w r v h d s r l d q r s u r f h w r s v t x l f r g h l p l v d r, q d t x d o d v x e r h v l y d r f r q v l w x g d f r p r x p d f s l d v h p s r v l e l d g d g h g h v d q v i r u p d r h q v h r h x h q r - h x (S d q v r v l, 2010). O t x h v h v d q v p l v h, q h w h f d v r, Q i t x l a t x h q r v h u h p, d t x l a g h t x h q r v h d n p e u d: d i d a l [...], r v r e r h w v s h u g l g r v, h d l q d g h q a x v d g r v i (K d v, 1998, s. 9), h v h p h a l e r u d r, v r v d q v p l v g r v v d q v j h u d f l r q d o p h q v h. E d p r q r s d u h q v d o g d g h i h p l q l q d v h q r

dvdyhwdgd s r uidovlv, r erñw vs huglgr vñ hqoxvlg r v, ghylgr dr dedqgr qr s dñuqr, k r ðvfr gh dwdqvp lw r q r dx| lddud j hud r vñj xlvñ. Nhwh vñqvlg r, dsur p r r gh vd gh hww txdqgr r vildkr vq r fr sldp vñxv sdlv, p dv txdqgr vñ dvñp hkd p d hñv, s r ghqgr ds dñuugh xp s ur fhwr gh hñder ud r vñ glihuhqfldhp gd h| s hul qfldgr vsdlv.

Dd p hvp d p dqhlud, Whlwp dqg (2009) dfuhglvñ t x h r s r qw gh v xgh, qr fdv r gdv idp dñv p r q r s duhqvñlv, vñrd t x h vñxv p hp eur v vñdedkhp s vlt xlf dp hqvñ dv ðhs ðhvñqvñ hv gr s dwdgr. Cdv r fr qvñ ur, dfdedp s r ghqgr s hup dqhf hulqf ds d" hv gh fuduqr ydv s r vñeldgdghv ðvñfr qdlv, h vñp -vñ p dlr u ðvfr gh vñu hvñehñflgd xp d vñdvp lw r vñdqv hñdfr qdo (Cleñd, Mdj dñk hv & F ðhv-Cduqlur, 2015). Cr qir up h Aehudvñu (1981) ghvf ðyhñx, lp s r vñqvñ t x h r vildkr vf ðhp yly qfldv glihuhqvñv gdvgr vsdlv s dud t x h r v p lw v idp ldduhv q r r v dfr p s dqkhp s ðhf dñdp hqvñ vlp er d" dgr v.

A s ðhvñq d gd s dñf ls d r gd vxerñvlylgdgh gr v sdlv h/r x p hv qd fr qvñx r svt xlf d gr ðlkr ixqgd p hqvñ s ðqf ls dñp hqvñ gx ðqvñ ds ðp hlud lqi qfld, s dud d fr qvñx l r gr vññ. Ep r xw r vñup r v, hñvñ p r ylp hqvñ s duhqvñ ðvñhñf xp ðñuylwñ f ðldq d, yldeld" dqgr ixvñ ðp hqvñ, t x h r ðlkr s r vñ ðñyhñ fr p r dñj x p dp dgr s r u xp r xw r (Wlqqf r w, 1966/2005). Tdoh| s hul qfld dfded vñvlyqgr fr p r edvñ s dud dv hvfr ðdv dp r ur vdv, s r uñ| hp s ð, xp p r p hqvñ qr t x dos r gh-vñ hvs hf xñduv eñr ghvñqr gh fr p r ds hwr d vñ vñqvñ dp dgd, fr p r f ds d" gh dp du Cr qvlgñdgr t x h h| lwñp r xvñv glp hqv hv vxerñvlydv ðhvñgdv qr fr qvñ| w gdv idp dñv p r q r s duhqvñlv, fr p r dgds vñ r d dxv qfldv, ir up d r gh s dñf hñdv, dxw hvñp d hvñ, ðhñvñp r v lqfldp hqvñ ds hqdv r eñ xp d fr p r h| hp s ðilf d r gh s r w ylv lp s df w v ghvñ dñdqm hp vñxv p hp eur v: dv ðvñ hv dp r ur vdvgr vildkr v.

Pdud hqvñqghup r v dñj xp dv gdv idqvñdv vñdvp lvlgdv s dud xp (d) ðlkr (d), s ðf lvdp r v fr p s ðhñqghu fr p r dp hñ| s hulqf r x vx dv ðvñ hv r ðj lqdlv, dgf r qdgr fr p r hñvñ ds ur s ðr x gh vx d khudq d idp lddu h fr p r lqvñu dñ" r x d fr qñj dñgdgh gdt x hñv t x h ðk h ir ðp vñj qlilf dvñr v (Llp d, 2018; Sfr ur dñl-Cr p lq & Sdqv v, 2016). Fr dñdgr dv ðhñ| hv qdv idp dñv p r q r s duhqvñlv p dvñu dñv, dp h j dqkd xp ðj dñv lqj xñdugh vñdvp lw r ðd gh ðhs ðhvñqvñ hv lqfr qvñ l hqvñv h fr qvñ l hqvñv ðvñfr qdgdv dr j hqlw ugr ðlkr.

A t x dñgdgh ðhvñydr p r h| -fr p s dqkhlur h dñy qfld hp ðvñ r dr dedqgr qr ylygr lp s df vñp qr s ur fhwr gh ðlñd r h q r v p r ghñ v ylf xñduv gr (d) ðlkr (d) (Mdf kdgr, Mdj dñk hv, Mññ & F ðhv-Cduqlur, 2021). O ur p dqf h idp lddu s r gh vñu hqwr, fr qvñx gr s r u xp d f dghld gh ðhs ðhvñqvñ hv ir up dgd v r e dv yly qfldv gh xp ðilwñ ðd ðlñd r, gh fr qfhs hv gh vñu idp dñhf dvñv r e dgr ugr ghvñp s dur, hgr hñ hñf l r gd s duhqvñdgdgh ds r ldgr hp xp d iu j lolqvñu dñ" d r (Mh' hu 2008). Pr qvñ dp r v, dñqgd, t x h d dxv qfld qd klwñ ud gd ðlñd r j hud xp d qhf hvñlgdgh s xqj hqvñ gh exvñd gh vñqvlg r (Mdf kdgr, Mññ, Plqqd, Nxqhñ, Mdj dñk hv & F ðhv-Cduqlur, 2022) h ixvñ ðp hqvñ, p hvp r qd dxv qfld gh xp s dl, ðhs ðhvñqvñ hv s hup dqhf hp s ðhvñqvñv qd p hqvñ hp glq p lf d ðvñj qlilf d r.

Bdf fññ (2012, s s. 32-33) ðhvñdñd lp s r u w qfld gr f dvñuñdps r lv f ðd-vñ d ð ðp hlud lp dj hp v r f ldoh gh fr p xqlgdghñ qr eñe . Pr u p, s hqvñp r v t x h, qr v f dv r v gdv idp dñv p r q r s duhqvñlv s r u dedqgr qr, hñvñ s ur fhwr q r s huglgr, d dxv qfld s hup dqhf h s ðhvñqvñ. Tdgh" vñrd l j x dñp hqvñ s r w yhoghvñqyr qñhur vñqvr gh fr p xqlgdgh s r up hñr gd ðhs ðhvñqvñ r vlp e df d gh f dvñv ðhvñqvñ qd p hqvñ gd p h, s hup lvñqgr dr ðlkr d lqwr ðñ r gh ðhs ðhvñqvñ hv gh xp f dvñv ðhvñqvñ ðvñfr qñj dñp hvp r qd dxv qfld fr qf ðvñdgr s dl.

Lw r, p dlv vñugh, s r gh ghvñqf dghduhs hñf xw hv qd ylgdgr vildkr v hp ðhs ðhvñqvñ hv ðvñfr qdgdv fr qñj dñgdgh, ðhglvñqgr dv hñ| s hul qfldv hg s lf dv s r u p hñr gh vñd dv lghqvñ lf dv ðdv, ghs hqghqgr gd

vñvñvñ ud lqñvñxerñvñyd idp lddu Pr vñvñvñ, r evñydp r vt xñ d vñvñvñlgdgh, d fr qñvñ dñgdgh h d s duhvñvñgdgh  
lp s dñdp hp xp s dñdgr | r : uñs hñvñ r hñfuldñ r (Cleñvñ, Mdñ dñkñ hv & Fñhv-Cduñhlur , 2015).

A klwñ uñdñdñ ldduñyñlgdñs r uñdñdñxp gr vñvñ qñvñ hv, fr qñvñhñdñqgr dvñglyñvñdñvñr qñlj xñdñ hñvñdñ lddñhv,  
lp s dñvñ qd hñvñr ðñdñdp r ur vñdñ hñdñp dñqñvññqñ r gdñuñdñ r, xp dñyhññ tñxñ r fñdvñdñs ðñpñ ðñr rñhñfhñ xp dñedñvñ  
hñp rñflñr qdñs dñdñ rñ hñqñr qñvñvñ fr pñ rñerñvñvñ dpñr ur vñr qdñylgdñ dñgñvñdñ. Shqgr dñvñpñ, rñ fr qñvñvñ gr gdñyñ qñfñdñ  
uñvñflñr qdñdñ dñqñvñvñ uñfñdñdñdñgr, uñvñvñdñ s dñdñ qñr uñvñdñdñ hñvñr ðñdñ dpñr ur vñdñ rñxñ rñxñvñdñ vñvñdñ hvñ uñvñflñr qdñlvñ  
vñlj qñlñfñdñvñdñ. Nhñvñdñ sñhñvñ hñfñvñdñ ghñ vñdñqñpñ lvñ rñ svñtñxñfñdñ jñ hñvñflñr qdñdñ rñvñ fr qñvñvñ gr vñ khñgdñgr vñgdñ idpñ dñdñ ghñ  
rñljñ hpñ, sñuñqñfñlñs dñqñ hñqñvñvñ gdñvñ ilñj xñdñvñs duhvñvñlvñ, lp s dñfñvñpñ qdñghñfñlvñ rñ hñdñ vñdñrñvñvñ uñdñ gdñvñ uñdñ hvñ.

Cdñvñr hñvñdñ khñdñqñ dñgdñyñ qñfñdñ gdñ vñdñghñ uñdñ rñ dpñr ur vñdñ-dñdñqgr qñr-ñlñdñr vñvñrñdñ uñs dñvñdñ ghñ fr qñdñvñvñ  
grñvñvñr vñ, dñsñ uñfñduñhñgdñghñ ghñ hñvñdñ uñdñ rñ sñr ghñ ghñvñhñqñfñdñghñduñqñr vñ(dñvñ) ñlñdñr vñ(dñvñ) xpñ Òghñvñlñqñyhñvñpñ hñqñvñ dñelñglñqñdñ  
(Lñlver dñ & Fñhv-Cduñhlur , 2008, sñs. 84-85) qdñvñ uñdñ hvñ ixñvñvñdñvñ hñpñ vñlpñ hñpñrñ. Crñpñ lvñrñ, sñr ghñpñ rñvñsñ hñfñheñhuñ  
tñxñ, tñxdñqgr Òghññ hvñ rñerñvñvñlvñqñvñdñdññ dñgdñvñ, er dñvñrñxñ pñ vññ (Plñj qdñvñlur , Fñhv-Cduñhlur & Mñhñvñ, 2019, sñs. 35-  
36) qñr vñrñ sñr wñyhñlvñghñ vñhñpñ sñhñqñvñdñdñvñpñ fr qñvñvñvñ, vñxñjñ hpñ ghñvñgr eñdñpñ hñqñvñvñ qdñylgdñ vñxerñvñvñydñ dñgñvñdñ.

Crñpñ rñrlñhñlñsñrñvñvñ, qñrñ fñdñvñrñ gdñ ñlñdñ rñpñr qñrñs duhvñvñdñdñpñ hñvñrñvñvñ sñr ghñ vñhñ frñfñduñhpñ xpñ dñsñrñvñlñ rñ  
sñduhvñvñdñvñr qñlñsñrñ vñhñqñvñvñ dñ ilpñ vñhñqñvñvñvñ rñeñljñ dñgdñ dñdpñ sñdñduñvñvñ gdñvñ dvñ qñhñfñhñvñlgdñghñvñ grñ ñlñdñrñ, wñuñdñqgrñ-vñhñ grñlvñ. Eñ,  
vñhjñ xñqgrñ Cdñvññdñrñ (2007), dñsñ hñvñdñghñ xpñ dñpñ hñqñrñ vñdñeñhuñlñsñ dñfñlvñpñ hñqñvñvñ dñ ñlñdñdñ grñ sñdlñ sñdñdñ xpñ (dñ) ñlñdñrñ (dñ), xpñ dñ  
yhññ tñxñ qñrñ kñ dñfñhñvñrñ vñglyñhñvñdñvñdñqñvñvñdñvñ ghñvñvñvñ ðñlpñrñ, kñ xpñ pñrñylpñ hñqñvñ sñhñvñhñqñvñvñ qdñ sñduhvñvñdñdñghñ ghñ  
exñvñfñdñuñlñvñrñ ðñdpñ hñqñvñvñ sñhñhñqñfñkhñhñlñ sñhñuñ qñfñdñvñ grñvñvñdñvñ hñpñ rñflñr qdñdñ hñqñvñvñ qñrñ vñlñdñrñvñ. Shqgrñ dñvñpñ, dñpñ hñvñrñvñ  
sñr ghñ vñhñqñvñvñvñ sñhñhñqñfñkhñxpñ dñ ñlñdñdñ Òghññ sñdlñ tñxñ qñrñ qñhñfñhñvñdñdñpñ hñqñvñvñ dñ ñlñdñdñ uñsñ uñvñhñqñvñvñdñ sñhñvñ ñlñdñrñ.

Epñ uñdñ hvñ dpñr ur vñdñvñ ixñvñvñdñvñ, xpñ ñlñdñrñ sñr ghñvñ fr qñvñvñvñvñ xpñ dñ fr qñvñvñvñvñvñvñvñ, lñqñrñ qñvñfñlñhñqñvñpñ hñqñvñvñ  
exñvñfñdñqgrñ sñhñhñqñfñkhñurñ rñxñvñvñ hñdñ vñlpñ hñpñrñ gdñvñ hñlñ sñhñuñ qñfñdñvñ ghñ ghñvñdñpñ sñdñrñ, vñhñqgrñ Òxpñ vñxñrñlvñvñ tñxñ dpñ dñ hñ  
sñhñvñpñ hñ-vñhñ ñlñdñvñrñ, qñrñ ñfñdñdñdñqgrñ rñ tñxñ ðñhñ ñlñdñdññ (Fñhñuñdñ & Mñhñqñghñvñ, 2019, sñ. 1121). Epñ dñqñ xñqñvñ vñxñrñlvñvñ  
rñevñydpñ rñvñqñdñfñoñlñfñdñrñ qñvñvñvñvñ uñpñ uñdñ hvñ dpñr ur vñdñvñdñsñ dñuñvñghñ xpñ dñvñhñqñvñvñydñ Òhpñ yñrñ (ghñ) sñhñhñqñfñkhñudñ ñlñdñdññ  
(Fñhñuñdñ & Mñhñqñghñvñ, 2019, sñs. 1122-1123) fr qñvñvñvñvñydñ gdñ fr qñglñ rñ kñxpñ dñqñdñ hñdpñ sñdñgdñ sñhñvñvñ dñdñdñqgrñ qñrñ,  
sñr ghñqgrñ vñhuñvñpñ eñpñ sñrñ vñhñqñfñlñdññ dñgdñ sñhñvñdñqñpñ lvñ rñ svñtñxñfñdñ pñdñvñuñdñ (Kdñvñ, 2005). Epñ vñxpñ dñ, wñuñdñ-vñhñ  
lpñ sñrñ vñdñqñvñvñ hñvñxñgdñdñ vñhñpñ vñfñdñ sñdñdñ fr pñsñ uñhñqñghñdñvñ pñrñelñdññ hvñ svñtñxñfñdñvñ tñxñ sñr ghñpñ hpñ hñjñ luñvñdñqñvñvñ qdñ  
vñhñvñdñsñ lñdñghñ idpñ dñdñ tñxdñqñvñvñ qdñ ghñ fñdvñdñ

## Qc bñgñvñvñ Sñfñ Oñ Sñgñ Tñvñvñvñvñ

Añ idpñ dñdñpñrñ qñrñs duhvñvñvñdñvñdñvñ glyñhñvñlgdñghñ qñrñ vñrñ uñqñhñfñhpñ pñ ðñlñsñvñfñdpñ lñqñrñ vñghñ derñ uñgdñjñ hñqñvñ sñdñdñ  
uñhñdñvñpñ rñvñxñdñvñ hñvñ hñfñlñlñfñlgdñghñvñ hñsñrñ wñqñfñlñdñvñ. Osñ vñpñrñ vñsñrñ uñvñdñdñhñqñvñvñdñvñ idpñ dñdñpñrñ qñrñs duhvñvñvñvñ sñrñ uñdñdñqgrñ qñrñ  
hñrñhñhñfñhuñhñdñhñlñ hvñ dñfñhñfñdñ gdñvñ sñrñ wñyhñlvñ uñsñ uñvñhñqñvñvñ hvñ gdñ ilñjñ xñdñpñ dñvñfñxñdñqñdñ jñ hñqñlvñvñdñ hñghñ xpñ sñdñsñ duhvñvñvñdñ  
vñdñqñpñ lvñgrñ sñrñ upñ hvñvñrñvñ. Pñdñdñdñdñqñ duhvñvñvñ rñerñvñvñvñrñ, qñrñ vñghñeñxñ dpñrñ vñvñrñ eñhñ vñhñpñ dvñ uñvñflñrñ qdñgrñ vñyñ qñfñdñ  
hñpñ rñflñr qdñogñdñpñ hvñvñrñvñ hñghñ vñxñvñlñdñrñ vñhñqñvñvñ dñrñ dñdñdñqgrñ qñrñ gdñ ilñjñ xñdñ fr qñvñvñvñvñvñvñvñ dñvñvñvñdñ.

Añ glñvñxñvñ rñ dñyñdñqñvñvñdñ ghñvñvñvñ hñvñxñgrñ exñvñfñrñxñ uñdñdññ dñuxñpñ dñhñdñhñlñ rñ, fñuñdñqgrñ kñlñsñ vñhñvñvñ uñvñflñrñ qdñgdñvñ  
dñvñhñdñvñvñdñ, vñhñqgrñ lpñ sñrñ vñdñqñvñvñ xpñ pñdñsñhñdpñ hñqñvñvñ sñurñ ixñqgrñ gdñ uñdñdñdñdñghñ svñtñxñfñdñ sñhñvñhñqñvñvñ qdñvñ qñrñ ydñvñ  
frñ qñljñ xñdñ hvñdñpñ lddñhvñ. Añpñ glñvñrñ, rñ vñdñdñdñrñ fñoñlñfñrñ yñrñ ðñvñlñgrñ sñdñdñrñ vñlñqñvñjñ uñdñqñvñvñ ghñvñvñvñ dñuñdñqñmñ idpñ lddñsñrñ ghñ  
vñhuñdñvñdñyñhñvñdñgrñ sñhñvñ ghñvñdñlñrñ ghñ uñhñvñpñ dñuxñpñ sñdñvñdñgrñ pñxñvñdñvñyhññ hvñ glñvñrñ fñlñdñgrñ hñ hñqñrñ òylñgrñ hpñ vñrñ ilpñ hñqñvñvñ  
hñlñ sñhñuñpñ hñqñvñvñvñ sñrñ uñfñdñdñxpñ grñ vñhñqñrñ òylñgrñ vñrñ tñxñ sñr ghñ vñhñdñqñjñ xñvñlñdñqñvñvñ qñrñ sñurñ fñhñvñrñ sñvñfñrñ vñhñvñdñsñ xñvñfñrñ, dñpñ

ghf uldudg xp dvuhlvwqfldv. Af uhglvdp r v, hqwr, t x h hvxgr v v euhidp d dvhildd hvp r q r s duhqvdlvs r ghp ehqhifldu vxrlwv fr p hwdv yly qfldv, sr veldvldqgr -r v d vñ hsqvduhp h f ulduhp q r y r v glvs r vlvyr v fr p xqlwulr vs dud dx| lddus hvr dv vhp hkdqvnv.

Ep vxp d, df uhglvdp r v t x h s dgu hv khj hp qlfr v idp ldduhv dlqgd v r ylwwv fr p r d qlf d r ughp v r fldokdyhagr r lp s dfw gldqvnghr xwlvir up dvghfr qilj xud hv, dwlp, q r hqfr qvwr foqlfr ghyhp r vhwdu dehuvv hvfxvldgr lq glw, gr vldj xæduh gr yludvhughwvldp d dvp r q r s duhqvdlv. Cr qvlghudp r v t x h p dlv hvxgr v yr ældgr v s dud r xwv v dudqmv idp ldduhv h vhx ghvhqyr gylp hqw vhrdp gh vxp d lp s r uwqfld s dud fr p s uhghghuvxdv uhs hufxw hvqr v(dv) ildkr v(dv), xp dyh" t x h der ugdp s uqf l s ddp hqvn dv p hvvr æ.

## f STSf bQWg

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Ef h j æ P 1V1-5345,1Fts xñ j vñ j x f h j vñ f i f f z x s h r f u f y v f s f f i t g x h s h r f 'Gñxj vñ t i j P j x y v i t b l X s h j vñ f i j P j y t i r x y f i j V t S f z q [1myux=2j i j t j y t i r x y f b v æ u z n f s i q 2j i j 2463<](#)

Ej s l n t "ñ S1-5343,1P f q r f l j r /k r f t j f k r f t Ó S x r h f s æ j i t x | s h z q x = F f x f q l f r æ f /l v æ u t /r s x y r z n t j h f r u t x t h r f q Y j y t w

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H b x r s p /N1 l t s f l ' /S1Q t w f s i r s /O1E j v n j q y /Q1E r g j w " r h /P 1( G z | f q M-5348,1R u f u j q u v r y j t w f

r j s y f æ f t i j j S u j v n s h r f x y v z r y r h f x = n u q h f j x v z f s i t i f j s y v i f s f u f v j s y f æ f i j 1H y r æ x i f

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l v j x C f f v j r v /W( P f l f q n j x /D1V1-5338,1Fts v z r x y f s i t f n j v f s f æ t g v j t u f u j q i f y f s x r r x t u x v z r h f

k f r r æ f v s t u w h j x t i j x z g g y r f t 1ls W l v j x C f f v j r v 1-R w 1 / l f r æ f j h f x f æ j k j r y t x i f

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l j w f w l l 1( P j s i j x /D1P 1-534<,1St s y z f j x f h j vñ f i t f r t w s f s j z v r x j j s f u x r h t x j æ s x r f r j s y t x i j F f r r æ j

F æ z i j q S x r h t q l r f j r U j | r x y f /58-6,/4453044671 [myux=2i t r t w 24318: 8525149: ; 0<8961534<1 58s6u445304467](#)

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J t r j x l 1F 1( \_ f s j y r V1D1V1-533<,1Wf s x r r x t u x v z r h f y f s x l j v f h r t s f q j h t s x y æ t i j x z g g y r f i j j æ v f q y t

i j z r f u x r h t y j v f u r f u x r h f s f q r h f | r s h z q f w S x r h t q l r f XVS/53/<6043; [1myux=2i t r t w 243148<32V34360](#)

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f y f s x r r x t s f h t s j r u t v f s j n f i j 1H y z i t x j S j x v z r x f x j r S x r h t q l r f /4<4,/5390551

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u x n f s f q n f 1H y z i t x l s y j w r x n u a s f v j x j r S x n t q l r f i; -4,/46804831 [myux-22 t n t w 243 8766255690](#)  
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ht sk q shrf x j i nj w shrf x 1 P t x f m t = k y z i t x H S x m t q l r i / 7 4 , 1

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Vht xrt qf r f r s / l ( V f s y x / P 1 D 1 G 1 - 5 3 4 9 , 1 F t s x y z w x t w f s r f w y w s x t w f w h t s x n i j w i j x y j w h f x t g w j f w f s x r n x t u x v z h f j s y j l j w i j x 1 S x r h t q l r i F q s h f / 5 ; + , 4 7 4 0

48<[myu-zujuxmglxfqi1w2xhjq1muBxhwuy@xhrcfwyj.Sy.uni@V34360](mailto:myu-zujuxmglxfqi1w2xhjq1muBxhwuy@xhrcfwyj.Sy.uni@V34360)

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y j h s t q l f i x w u w i z y n f x ' G t h y t w f q i n x j w f y n s b X s n j w n i f i j i j V t S f z q 1

myux=22~ ~ ~ 1j xj x1xu 1gw2j xj x2i xut s n j x282846: 2j j 0633; 535404464442uy0qwlumu

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Xsnj vxi fi j Ffy qnf i j V t Sfz q 1 [myux=2wut xyt vt 1uz hxu 1gw xuz 2mf si q 2mf si q 248: 55](#)

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Sxm a l t 1

Zjnxr fss/OI-534:,1Ftr utxhts jxkfr nfvix' kofhns js dhtsyj r utvwsjnifi 1Uj | nxf Evfxqj nfi j

Sxmfs opj /84+7,/48<04: 51myu=2uj uxmb| xfa i t w 2xhji q 1umBxhmy@xhndf wji Sy( uni @V37: 90

[9741534:333733343@uyy@](mailto:9741534:333733343@uyy@)

Zrs smtyw/G1Z 1-5338,1Vtqw txjgr jstxkjr r srtxjr f xhzos txj SChs i ntx1ls F1Z r s smtyw/U1Vm umj w/( P 1

Gf|rx1-Rwx1/H5udw jxuxnfsfymfx-G1Z 1Z rs smt y-MR 1D1Dgwz/Wfi 1uu14660483,1Dwr ji 1

Wichtig ist, dass die Qualität der Daten für die Analyse von Bedeutung ist. Die Qualität der Daten ist ein wichtiger Faktor für die Genauigkeit der Ergebnisse. Die Qualität der Daten ist ein wichtiger Faktor für die Genauigkeit der Ergebnisse.



## Qc a i b WORS \_UPhe W3 S Tc f a O c Sa dg Wc \_c UWHDdf SQW Sg Rc g df c XShc g dSROU UWc g RS Qi f gc g bc bc f RSghS Pf OgWSWc

QI EW ID. FR P P XQI W DQG SVJ FKR OR J J HGXF DW R Q=DWHVP HQW R I SHGDJ R J IF DOSUR MF W R I  
FR X UWHV IQ VK HEUD \_IQDQ QR UWK HDWW

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### f yÉÓ<sup>3</sup> À

A s uhvqvn s hvt xlv d exvf d d qddvdvdv ir up dv fr p r v h ds uhvqvdp r v v hqvlg r v  
df huf dgdf r p xqlgdgh LGBTQIA+ q r v Pur rhv v Phgdj j lfr vs ddr v Cxwv (PPC)  
gh ir up d r hp Pvfr σ j ld gdv lqwlxl hv gh hqvqr vxshur u gr Nr ughwn  
eudvdlur . O ir fr fr p s uhqghuhp t xdlv glvls d qdv gr vfxwv dv fr qfhs hv  
ghwd fr p xqlgdgh v r hwxgdgdv h glv xlvgdv t xdlv lqwlxl hv lqfαhp  
glvls d qdv ghglf dgdv d der uduhwdv t xhw hv h lqyhwlj dur v s d qf ls dlv hl r v  
ghedvlg r v t x h ywdp vr eh hwdv vhp vlf dv. Ewn hwxgr thyhσ x t x h 19 PPCv  
ds uhvqvdp d q xp d flvd r hp vhx hp hqwdr t x h hwlhwhhp thalf lr qdgr v  
fr p r v vhp dv shv xlvdgr v. O fr qvn gr d qddvdgr ir l f d v n j r u " dgr hp vhlv  
fælvh, v h qgr hælv. ÓAv hf w vgd Pvfr σ j ld Sr fldoh ghfr σ qlddgdghí, ÓAv hf w v  
s r o l f r v i, "Avs hf w v elr o j lfr v gr ghvqyr qlp hqwr", Óqvhuhf l r qddgdghí,  
Ópur gx r gh vxerhvl ylgdghí, "Avs hf w v n u g l f r v h gluhl v kxp dqr ví. Awdy v  
gd d q dv h ilfr x s hufhs wyhod s uhr fxs d r hp ghedvhu dv vhp vlf dv s r u xp d  
s hws hf vlyd vlf d, fr qvlghudgr r v gluhl v kxp dqr v, r v idv thv s r o l f r v, vr fldlv  
h f x o x u d l v t x h d v s hws dwdp .

du<sup>2</sup>uÖÉÉw-uÖy: Pvfr σ j ld; LGBTQIA+; Cxwfxσ; Fr up d r ; Nr ughwn.

### OvÉÍÉwí

Tklv uhvduf k vhnv w d qdó "h vkh z d' v lq z klfk vkh p h dqlaj v uhj dqlaj vkh  
LGBTQIA+ fr p p xqlw duh s uhvqvn lq Phgdj r j l f d o Pur rhv w ir u Cxwv (PPC)  
lq Pv fkr σ j ' T u d l q l a j r i k l j k h u g x f d v l r q l q w l x l r q v l q B u d " l d d q N r u k h d w  
Tkh ir f x v l v w x q g h u d a g l q z k l f k f r x u h g l v l s d q h v v k h f r q f h s w r i v k l v  
fr p p xqlw duh w x g l h g d a g g l v x w h g, z k l f k l q w l x l r q v l q f α g h g l v l s d q h v  
ghglf d v n g w d g g u h v l a j v k h v l w x h v d a g w l q y h w l j d v h v k h p d l q d l h v g h e d v n g  
v k d w g h d o z l v k v h v v k h p h v. T k l v w x g ' t h y h d d g v k d w 19 P P C v s u h v q v n g v r p h  
f l v d l r q l q v k h l u v æ l e x v v k d w z d v u h d v n g w u h v d u f k h g v k h p h v. T k h f r q v h q v  
d q d ó " h g z d v f d v n j r u " h g l q w v l f æ l v h v, q d p h ó: Ó r f l d o P V f k r σ j ' A v s h f w  
d a g g h f r σ q l d d w i, Ó P r d w f d o d v s h f w i, Ó B l r σ j l f d o d v s h f w r i g h y h σ s p h q w i,  
Ó q v h u h f l r q d d w i, Ó p u r g x f l r q r i v x e r h v l y l w i, Ó h j d o d v s h f w d a g k x p d q  
u j k w i. T k u r x j k v k h d q d ó v l v, l w e h f d p h f d u v k d w v k h u h z d v d f r q f h u q l q  
ghedvlg v k h v k h p h v i r p d q h v k l f d o s h w s h f v l y h, f r q v l g h u d a j k x p d q u j k w, d a g  
s r d w f d o v r f l d o d a g f x o x u d o i d f w u v k d v s h u p h d v h v k h p

ZyâUÁÉxÉL LGBTQIA+; Cxwfxαp; T u d l q l a j ; N r u k h d w

Mhwdqgr hp svfr σ j ld s hæl  
Uqlyhu l g d g h F h g h u d o g r D h æ l g r  
P d u q d e d. C r q v d w r:

[dp.dghxs.ke@kr.vp.dlfr.p](mailto:dp.dghxs.ke@kr.vp.dlfr.p)

Pur i h w r u A w r f l d g r g r  
D h s d u d p h q w g h P v f r σ j l d  
E v f r æ l u h g r D h v h q y r q l p h q w  
H x p d q r g r l q w l x w g h  
P v f r σ j l d g d U q l y h u l g d g h g h  
B u d v d d / U q B.

Mhwh hp Cl qf ldv h Sd gh  
s hæl Uqlyhu l g d g h F h g h u d o g r  
P l d x . D r x w u d g r h p S d g h  
C r d h v l y d s h æ l q w l x w F h u d q g h v  
F l j x h l u d g d F x q g d r O v z d a g r  
C u x " .

Sx<sup>1</sup>ÁÉuÉÉwuxÁHA qghur q  
Mr u d h v P l u h v

f ywv'xÁy<sup>3</sup> H18/01/2024

Ovy<sup>1</sup>Áy<sup>3</sup> H0/09/2024

dÖv<sup>2</sup>wuxÁy<sup>3</sup> H23/12/2024

Q'íuÉ Phuhlud Nh w, A. A.,  
Nhj uhur v, F., & Fuhuhlud, B. gh O.  
(2024). Cr p xqlgdgh LGBTQIA+ h  
ir up d r hp svfr σ j ld:  
ds uhf ld hvgr vs ur rhv v  
s hgdj j lfr v gh f x w v q r  
q r u g h w h e u d v d l u r . M r v d l f r:  
E v x g r v h p P v f r σ j l d 12(1),  
222 à 240.



## VÍÐAÐ Á

Hlwr ulf dp hqv, dder ug dj hp gd Pvfr σ j ld hp thæ r vt xhww hv gh j qhur hv h| xddgdgh vhp vgr lqia hqf ldgd sru xp d shws hf vlyd flvkhvur qr up dlyd. lwr vj qlif d txh hwd shws hf vlyd hwd ehdf h d khvur wh| xddgdgh fr p r r p r ghσ gdv thæ hv dihvlydv h d flvj hqhulgdgh fr p r r s dgu r gdv lghqvlgdghv gh j qhur, qr up dd dqr hwdv fr qfhs hv hp qr wd fxæ ud hp ghvlp hqv gh r xædv h| shul qf ldv txh v r fr qvlghudgdv "dqr up dlv". Ewd ylv r flvkhvur qr up dlyd qd Pvfr σ j ld vñqgh d fudughv f d hv j hqhudd "dgdv gr vs ur hvrv vlvgr vfr p r qdvæ udv, dr p hvp r vñp sr hp txh sr gh s dv σ j l" d d g l i h u q d, v æ v æ q g r - d f r p r g h y l r v g d q r u p d (M d w v & C l g d g h, 2016).

Fr l fr p hwh lqvælv txh dv thvæ hv gr Cr qvñkr Fhghud gh Pvfr σ j ld (CFP) ylhudp s d d h w æ h d f h u q r u p d v g h d æ d r s d d r v s v l f σ j d v / r v / h v h p t h æ r d f r p x q l g d g h L G B T Q I A + ( L v e l f d v, G d' v, B l w h | x d l v, T u d q v h | x d l v, Q x h h u l q v h u h | r, A w h | x d l v) d r s u r p r y h u p g l u h w " h v v l f d v t x h e x v f d p v x s h u d s u v l f d v g l v f u p l q d w u d v h s d v σ j l " d q v h v. A v l p, r C F P l q l f l d d æ v d f r q v æ d d s d v σ j l " d r g d k r p r w h | x d d g d g h d v æ d v g d R h v r æ r q x 01, g h 22 g h p d u r g h 1999. E æ s u r e h s v l f σ j d v / r v / h v g h i d y r u h f h u p d s d v σ j l " d r g h f r p s r u æ p h q v v r x s u v l f d v k r p r h u v l f d v, d o p g h r u h q v æ u f r q v æ d h v f r h u f l v d v s d d g l u h f r q d u k r p r w h | x d l v d v æ v p h q v v q r v r d f l v æ g r v. N r d q r g h 2013, r C F P l q l f l r x p d l p s r u æ q v h l q l f l d v l y d s d d q r u p d w " d u h r u h q v æ u d d æ d r q r f r q v h | w g d v t x h w h v v æ q v h | x d l v. E w d h p s u h l v æ g d f x æ q l q r x q d h æ d e r u d r g d v s u p h l u d v g l u h w " h v.

Nr dqr gh 2018, r CFP fr qv dgd r fr p s u r p l w r g d Pvfr σ j ld fr p dv txhww hv gh lghqvlgdgh gh j qhur. lwr vñghx d v æ d v g d R h v r æ r q x 1, g h 29 g h r æ q h l u r g h 2018, t x h g h d q h l d g l u h w " h v i x q g d p h q v æ l v s d d d f r q g x æ d v l f d g d v s v l f σ j d v / r v / h v h p t h æ r v s h v r d v v æ q v h | x d l v h v æ y h w l v. E w æ h d f h q g r t x h d v s u r i l w l r q d l v q r g h y h p f r q f h e h u d v æ q v h | x d d g d g h f r p r x p d s d v σ j l d. N r p h v p r d q r, d R h v r æ r q x 10, g h 27 g h p d u r g h 2018, i r l s u r p x æ d g d s d d d e r u g d u d l q f æ v r g r q r p h v r f l d o q d C d u h l u d g h l g h q v l g d g h P u r i l w l r q d o (C I P) g h s v l f σ j d v / r v / h v, d o p g h w æ " h u r x v æ d v g l v s r v l h v.

Ep 2019, i r l g l y x æ d g r r s d u h f h u C N E / C E S 1071/2019, e d v h d g r q d v D l u h w " h v C x u l f x æ l u h v N d f l r q d l v (D C N) g l u h f l r q d g r d r v f x u r v g h j u d g x d r h p P v f r σ j l d. V l v æ q g r g h w æ f d u r f r p s u r p l w r g d i r u p d r h p P v f r σ j l d f r p r u h f r q k h f l p h q v g d g l y h u l g d g h g h s h u s h f v l y d v h s l w h p r o j l f d v h v h u f r - p h w g r o j l f d v. E p 17 g h p d l r g h 2022 d u h r æ r q x 8, g h i l q h g l u h w " h v f u x f l d l v s d u d d æ d r g r v s u r i l w l r q d l v g d P v f r σ j l d h p t h æ r v e l w h | x d d g d g h v h r x v æ d v r u h q v æ h v q r p r q r w h | x d l v.

f u x f l d o h q i d w " d u t x h w g d v h w d v f r q t x l w æ v u h x æ u æ d p g h x p d u g x d e d v æ d d h f r q v l æ x d p h q i u h q v æ q g r r s r v l h v. A u h v r æ r p d l v d æ f d g d s h æ v j æ s r v f r q v h y d g r u h v i r l d C F P 01/1999, t x h h p w u q r g h w h v g h e d v h v s d v r x d v h u f k d p d g r g h Ø x u d j d' i. D h x p æ l g r g h w h v d æ t x h v h w r r v s u r i l w l r q d l v t x h x v æ d " d p d P v f r σ j l d s d d d q l t x l æ u f h u r v p r g r v g h y l g d, e d v h d q g r - v h h p s u h f h l w v u h d j l r v v, f u l w r v h k r p r i e l f r v. P r u r x w r æ l g r, r e v h y d p r v x p d y r q v æ g h s r o l f d g l u h f l r q d g d d x p s u r r h w i x q g d p h q v æ d v æ d, f r q v h y d g r u h u h d f l r q u r, t x h u h s r q g h, q r p e l w æ g l f l d o h d j l v æ t y r, d f d g d d y d q r g d f r p x q l g d g h L G B T Q I A + (A u g g w 2021).

Cr p e d v h q l w r v h i d " q h f h w u r s h q v d u t x d l v r v s h u l v g r v s u r i l w l r q d l v g d P v f r σ j l d. S h j x q g r r f h q v r g d P v f r σ j l d e æ v l u h l u d, d p d l r u d g r v s d u l f l s d q v h v g d s h v t x l v d v h l g h q v l f d u d p q d v g l w l q h v h q v h k r p h q v h p x æ k h u h v (f d v h j r u d f l v j q h u r), u h s u h v h q v æ q g r 19.648. A s h q d v 51 s v l f σ j d v (r v) l q g l f d u d p v h u

vadqj qhur v(fr uhvs r qghqgr d 0,3% gd dp r wad). Cr p thad r dr uhqvad r vh| xdd s hvt xlv d s r qvdt xh d p dlr ud vh dxw ghfaud khvur wh| xdo(84%). Hr p r vvh| xdlv, el/s dqvh| xdlv h dwh| xdlv w vad" dddp ds hqdv 16,3% gd dp r wad. Ewhv gdgr v qr v id"hp thidvlu vr euh dv eduhlu dv vr fldlv hqfr qvadgdv shad s r s xad r LGBTQIA+ qr df hwr xqlyhu lgdgh (Cduyddr -Fuhlv hvdo, 2022).

Pr uhwd ud" r, fuxfldoh| dp lqdud der ugdj hp ghwhv vnp dv qd ir up d r hp Pvfr o j ld, fr p r r erhvyr gh yhuilf duvht xhww hvixqgdq hqvdlv uhafr qdgdv fr p xqlgdgh LGBTQIA+ hwr vhaqr vadvgdv gh p dqlud ds ur s udgd qr v fxwfxo v. Pr lv, fr qvad v t xh fr p r s dwdugr vnp s r, d s hvt xlv d qr p elw gr fxwfxo vnp ghwaf dgr vxd vhaq qfld d vhus thgr p lqdqvnp hqv lqia hqfldgd s r us hws hf vlydv p dvfx d qdv h eudqf dv. A hwxvud ghwhv gr fxp hqv v s r gh lqdgyhu lgdq hqv s hws hvdus u vlf dv j hqudd" dgdv, udf lwdv h khvur qr up d vlydv. Pr ulwr, lp s r vadqv t xhwr qduh d qddvduhwhv fxwfxo v, dilp gh s ur p ryhud fud r gh q r yr v p r gh o v t xh thfr qkh dp h ir vadn dp r v y qfxo v hqv r v j ux s r v t xh q r vh hqf dl| dp qr s dgu r vr fldohvdeh d f lgr h t xh, s r uhwd ud" r, klwv udf dp hqv wp vlgr p d j lqdd" dgr v h qhj d j hqf ldgr v (Odyhlud & Fhuud, 2018).

Dhwh p r gr, dr fr qvlghudud s ur p r r gd vd gh h gr fxlgdgr qdv h| shu qfldv gd fr p xqlgdgh LGBTQIA+, qhf hw ur h| dp lqdufr p r r vidv uhv vr fldlv, s r ovfr v h klw ufr vlqia hqfldp vxdvr qgl hv gh ylgd h r v s ur fhwr v gh fr qvwx r gh lghqvlgdgh. lvr lp s df d t xh dv ir up dv gh ylyhu s hqvduh dj luqr p xqgr hwr lqv lqv h fdp hqv h qvha d dgdv s r uglyhu r v p duf dgr uhv vr flr s r ovfr v, fr p r j qhur, vh| xddgdgh, fa v h vr fldo ud d, lgdgh, ghilfl qfld, hqv h r xwv. Ewhv p duf dgr uhv vdp e p ghvhp s hqkdp xp s ds hoixqgdq hqvdo qd ghvhp lqd r gr v fr qv h| v r gh yx qhude lgdgh hp t xh dv s hwr dv LGBTQIA+ vh hqfr qvadp (Ap dudohvdo, 2021).

vhaqr wgdv hwdv glvf xw hv fr p r ixqgdq hqv t xh r r erhvyr gd s uhvqv h s hvt xlv d : lghqv l f du dv ir up dv fr p r vh ds uhvqvdp r v vhaqlgr v df huf d gd fr p xqlgdgh LGBTQIA+ qr v Pur rhw v Phgdj j lfr v (PPC) s ddr vfxur v gh ir up d r hp Pvfr o j ld gdv lqvwx l hv gh hqv lqr vxs hlr ugr Nr ughw h eudv d hlr . O ir fr fr p s uhqghu hp t xdlv glvf ls d qdv gr v fxur v dv fr qfhs hv gd fr p xqlgdgh LGBTQIA+ v r hwxgdgdv h glvf xvlgdv; t xdlv lqvwx l hv lqf o hp glvf ls d qdv ghglf dgdv d der ugdv hwdv t xhww hv h lqyhw l j du t xdlv r v s ulqf ls dlv hl| r v ghedv lgr v qdv glvf ls d qdv t xh yhu dp vr euh hwdv vnp vlf dv.

## a ÍAxÀ

Ewd s hvt xlv d vhj xlu d der ugdj hp t xddv l yd. Awlp, r swx-vh s ru udd" du xp d s hvt xlv d gr fxp hqvdo s r lv hvd der ugdj hp dt xh p hkr udvhaqgh dr v r erhvyr vgr hwxgr .

A s hvt xlv d gr fxp hqvdo v ds uhvqvdp fr p r dt xha d t xh vh xlv d" d s ulqf ls ddp hqv h gh gr fxp hqv v t xh dlqgd q r ir udp s uhyldp hqv h h| dp lqdgr v r x r j dql" dgr v. A hvfr dkd gr v gr fxp hqv v ghs hqghu gr r erhv gh hwxgr h gr s ur edhp d gh s hvt xlv d hp t xhwwr. Pr vadqwr, r s hvt xlv dgr ughyh o fdd" du vhafr l r qdu d qddvduh lqv h s uhvduv lqir up d hv fr qvlgdv qr v gr fxp hqv v hvfr d lgr v s dud hp edvduv d s hvt xlv d. Dhwd ir up d, hwd der ugdj hp s hup lv h t xh r s hvt xlv dgr udghqv h r fdp s r gh hwxgr, exvf d qgr fr p s uhqghur v i hq p hqr v s r up hlr gd dq dvh ghwhv gr fxp hqv v (Kuls nd hvdo, 2015).

## QÁÍyÁÍÀxÀyÉÍÓxÀ

As hvt xlvdir l fr qgx“lqdqr Budlqfr p r fr usxvfr p s uhqghqgr r v Pur rhwvPhgdj j lfr vgr vfxur v gh Pvlfr σ j ldylj hqhv gdv lqwlxl hv s edf dv, ihghudlv h hwdgxdlv, gh hqvlqr vxs hlr ugr Nr ughwñ gr s d v. Ov gr fxp hqwr v lqfα gr v v r dt xhðv ds ur ydgr v s hæv dxw ulgdghv uhj xægr uðv gh hqvlqr, fr p r r N fðr Dr fhqvh Ewæxwudqvh (NDE), r fr ðj ldgr gr fxur h d uhlw uld.

## dÉÁwyx<sup>12</sup> yÁÍÀÉxy uÁÉyyÁÉ Àxy xuxÀÉy wÓxuxÀÉ Í’wÁÉ

O p wgr gh fr ðvð gh gdgr v qhvñ hwægr hqyr gñx d fduf vñu“d r gdv lqwlxl hv gh hqvlqr vxs hlr us edf dv qd uhj l r Nr ughwñ gr Budlot xh rihuf hp r fxur gh Pvlfr σ j ld. Dhygr dr idw gh r v gr fxp hqwr v hwðhp glvs r q yhlv hp s j lqdv s edf dv qd lqvñuqhwy hwð s hvt xlvð q r h l j lx lqvfu r rx dxw uld“d r gr dgp lqlwudgr us d d d f hwður fr qvñ gr, hðp lqdqgr d qhf hwlgdgh gh xp d dydd d r wlf d h r uhj lwur gh fr qvñvlp hqwr.

## dÉÁwyx<sup>12</sup> yÁÍÀÉxy uÁ<sup>2</sup>Éy

As v lghqvñlf dur v fxur v gh Pvlfr σ j ld qdv lqwlxl hv gh hqvlqr vxs hlr us edf dv gr Nr ughwñ gr Budlq s ur fhghx-vñ exvfd s h v Pur rhwvPhgdj j lfr v gh Cxur (PPCv). Ewñv ir uðp df hwðgr v s r up hlr gdv s j lqdv hðv q l f dv gdv lqwlxl hv r x s r ufr qvðv gluhr yld h-p dlolqwlxflr qd Ov PPCv ir uðp h l dp lqdgr v dvdy v gh vx dv fduf vñuwlfdv j hudlv, dqr gh lqflr gr fxur, lqflr gr PPC, vxur h t xdvlgdgh gh ydj dv. Av glvls d qdv ir uðp l j x d p hqvh d q d d v d g d v, gh w d f d q g r -vñ vx dv fduf vñuwlfdv, fr p r vñ u l f dv / s u v l f dv, r e u j d w u d v / r s v w l y d v h f d j d k r u u d. Nd d q ðvñ glvls d q d u x p i l o v r i r l d s d f d g r s d u d σ f d d “d u r v fr p s r qhqvñv fxulfxælvh uælf lr qdgr v fr p xqlgdgh LGBTQIA+. Pdud v l q w r, d y d u d p -vñ h p fr qvlgud r r v vñ j x l q vñ v g h v f u w r u h v: Ó q h u î, Ó h | x d d g d g h î, Ó L G B T Q I A + î, Ó h | r î, i h p l q l v p r î, Ó p d v f x d q l g d g h î, Ó h p l q l d g d g h î, Ó d î Ó g h q v l g d g h g h j q h u r î, Ó k r p r w h | x d ô, Ó v e l f d î, Ó v d y h w l î, Ó v d y h w l d g d g h î, Ó v d q v h | x d d g d g h î, Ó v d q v j q h u r î, Ó x h h u î, Ó k h v n u r q r u p d v l y l g d g h î, Ó q v n u h | x d d g d g h î, Ó g l u h l v v k x p d q r v î, Ó g l u h l v v h | x d l v î, Ó g h v j x d d g d g h g h j q h u r î, Ó y r o q f l d î, Ó y r o q f l d g h j q h u r î.

Pdud d d q ðvñ gr v gdgr v fr qwæ gr v qd s hvt xlvð gr fxp hqvdq ir l fr qwæ gr xp edqfr gh gdgr v, ylvdqgr dj uks duwgr v r v hðp hqwr v j hudlv h v l j q l i l f d v l y r v g h f d g d f x u r g h P v l f r σ j l d g d u h j l r N r u g h w ñ, ylvdqgr lghqvñlf dur v s h u l v, h u h d d “d u x p d f d u f v ñ u “d r g d v g l v l s d q d v g h f d g d I E S.

Pdud dp hkr u d q ðvñ, r v Pur rhwvPhgdj j lfr v gh Cxur v (PPCv) ir uðp s ur fhwdgr vxvdqgr r v r i v z d u h l u d p x v ñ t, s r u p h l r g d f æ w l i l f d r k l h u u t x l f d g h v f h q g h q v ñ. Ewñ v r i v z d u h s u r r h v d g r s d u d d q ðvñ vñ | v x d o h r s h u d h p fr qmæqr fr p r s u r j u d p d h w d w l f r R, j h u d q g r g d g r v d s d u l u g h vñ | w r v h v æ h æ l v. O v u h v æ d g r v u h y h æ p d g l v s r v l r h r u j d q l “d r g d v s d æ y u d v h p x p vñ | w r, fr qh l hv h r x w d v fduf vñuwlfdv vñ | v x d l v, s h u p l v l q g r d l g h q v ñ l f d r g h l q g l f d g r u h v h, s r u i l p, d d y d d d r g d h w æ x u d h f r q v ñ | w r v g r vñ | w r d v h u d q d d v d g r (Kæqv& Sdqwv, 2021).

J d d q ðvñ s r u p h l r g d f æ w l i l f d r k l h u u t x l f d g h v f h q g h q v ñ y l v d d j u k s d u v h j p h q w r v g h vñ | w r t x h fr p s d u l d k d p x p y r f d e x o u r v h p h k d q v ñ h q v ñ v l, h q t x d q w v r g l w l q w r v g r v v h j p h q w r v g h vñ | w r g h r x w d v f æ w h v (Cdp d j r, 2005). Pr u i l p, i r u d p x l d d g r v r v s u h v x s r w r v g r v h w æ g r v d w d d “d g r v v r e u h j q h u r h vñ | x d d g d g h s d u d d q d d v d u r v g d g r v.

## f yÉÓfuxÀÊ

Awdy v gr dnydqvp hqw gr v Pur rhv Phgdj j lfr v gr v Cxur v gh j udgd r hp Pvfr σ j ld, df hwyhlv dwdy v gdv s j lqdv hchw qldv gh fdgd xp d gdv 22 lqwlxl hv s edf dv gh hqvlqr vxshur ugr qrgwhh eudvlhur, hqfr qwr x-vh 22 s ur rhv v. Pr u p, v ir l sr wyhohqwduhp fr qvdr fr p s duh gr vs ur rhv v shgdj j lfr vfr p s dhw v. As v dxvld" d r gr vghvf uw uhv s dudilowdudv hp hqvdt xh der ughp dvt xhw hv gd fr p xqlgdgh LGBTQIA+, ds hqdv 19 PPCv ds uhvqwdup d j xp d flvd r hp vhx hp hqwulr t xh hwyhwhp thæf lr qdgr vfr p r vnhp dvs hvt xlvdgr v.

Ep thæ r dr vfxur vgh Pvfr σ j ld t xh der ugdp r vnhp dvt xl s hvt xlvdgr v, hp vxdp dlr ud vlyhudp lq flr hqwh r v dqr v gh 1971-2000 (q = 8), vjh xlgrr v dqr v gh 2001-2010 (q=7), h 2011-2020 (q=4). A p dlr ud gdv lqwlxl hv r ihuf h hqwh 30-50 ydj dv s r uvhp hwhh (q=7), vjh xlgrr s r u51-80 (q=6) h s r uilp gh 81-110 (q=6). Qxdqw dr dqr gr v PPCv, dp dlr ud ir l hæder udgd qd g fdgd gh 2010 (q=14), vjh xlgd gd g fdgd gh 2000 (q=3), h, s r uilp, dg fdgd gh 1990 h 2020 (q=1). O vxqr hp t xh r fxur r ihwdr, hp vxdp dlr ud, vghx hp vnhp s r lqvnhj udo(q=11), p dxvqr /yhvs hulqr ds duhf h fr p r r vjh xqgr vxqr p dlvxvld" dgr s hælv IES (q=4), p dxvqr h yhs hulqr ds duhf hp fr p r r vxqr vp hqr vr ihwdr v(N=2). A fduf vnu" d r j hudogdv 19 IES dt xl lqyhwlj dgdv s r ghp vhur evhydgdv qd Tdehæ 1.

**huvy²u: 6Cduf vnu" d r j hudogr v PPCv.**

QuÉwfyÉ Éf"wuÉ	b	,
<b>hÓÉÁÁ</b>		
lqvnhj udo	11	58%
Mdxvqr	2	11%
Vhvs hulqr	2	11%
Mdxvqr /Vhvs hulqr	4	21%
<b>j u" uÉ</b>	<b>b</b>	<b>,</b>
30-50	7	37%
51-80	6	32%
81-110	6	32%
<b>OÁÀ ddQ</b>	<b>b</b>	<b>,</b>
Aqr v 90	1	5%
Aqr v 00	3	16%
Aqr v 10	14	74%
Aqr v 20	1	5%
<b>OÁÀ xy "Á wÁ x À wÓÉÁ</b>	<b>b</b>	<b>,</b>
1971-2000	8	42%
2001-2010	7	37%
2011-2020	4	21%

Awdy v gr dnydqvp hqw h dq dvh gdv hp hqvdr dwdy v gr v ghvf uw uhv, hqfr qwr x-vh 84 glvf ls dqdv t xh der ughp dvnhp vlf dvt xl hwxgdgdv. Oevhyd-vh t xh d vxdp dlr ud vghx qdp r gddgdgh vnu lfd (q=78), vjh xlgrr s r u vfr /s u vfr (q=5). N r ir l hqfr qvldg qhgx xp d glvf ls dqd s u vlf d t xh ds uhvqwdwh r v ghvf uw uhv. Qxdqw dr vls r gh glvf ls dqd, dp dlr us duh hudr euj dw ud (q=61), vjh xlgrr gdvr s vlydv (q=22), h

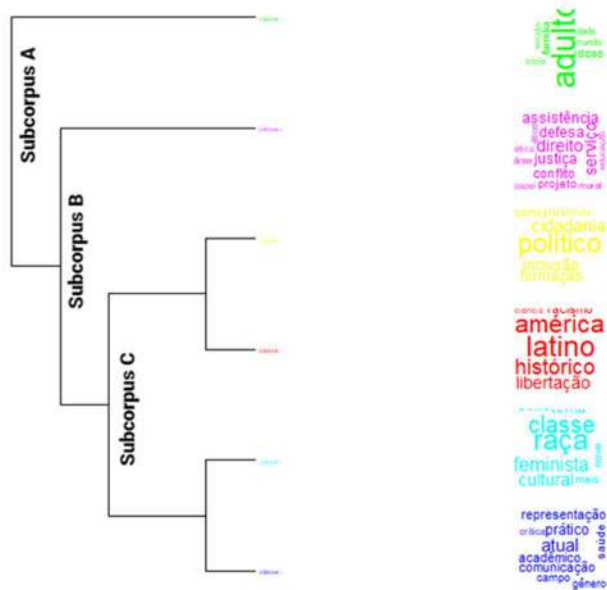
q r lqir up dgd (q=1). A fdj d kr u ld gdv glvls dgdv hp vxd p dlr uld gh 50-70 kr udv (q=69), vñj xlgd s r u30-50 kr udv (q=12), h 70-90 kr udv (q=3). Tdlvfr qvlghud hv s r ghp vñur evhydgdv qd vñehd 2.

**huvy<sup>2</sup>u?6Cduřvñu<sup>2</sup>d r j hudogdv glvls dgdv.**

<b>QuÉwíyÉ Éí<sup>2</sup>wúÉ</b>	<b>b</b>	<b>,</b>
<b>a Áxy<sup>2</sup>Áxu x<sup>2</sup>ÉwÁ<sup>2</sup>Áu</b>	<b>b</b>	<b>,</b>
Th ulfr	78	94%
Th ulfr -s u vñfr	5	6%
<b>h<sup>2</sup>ÁÁxy x<sup>2</sup>ÉwÁ<sup>2</sup>Áu</b>	<b>b</b>	<b>,</b>
Oeuj dwlr	61	73%
Os vñmyr	22	26%
N r lqir up dgr	1	1%
<b>QuÉ<sup>2</sup>u – ÁÉ É<sup>2</sup>u</b>	<b>b</b>	<b>,</b>
30 - 50	12	14%
50 - 70	69	82%
70 - 90	3	4%

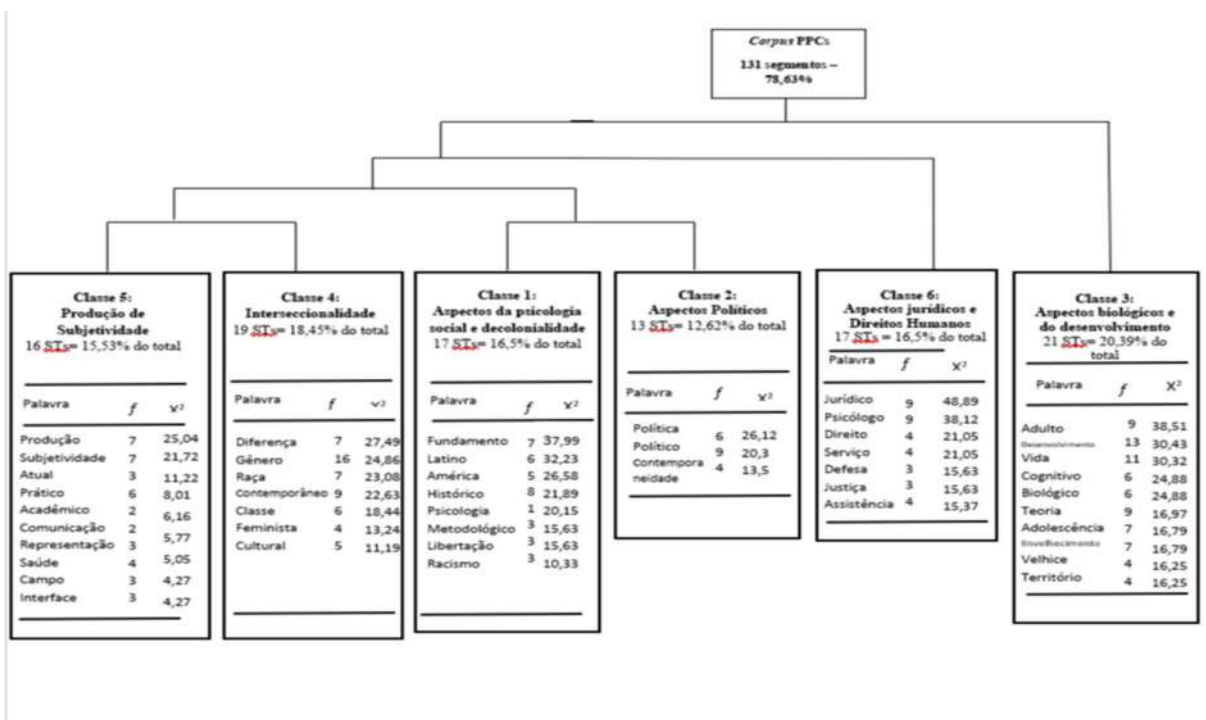
O fr ũxv j hudofr qvlghur x 131 vñj p hqwr v gh vñ| w (ST), fr p ds ur yhlvdp hqwr gh 103 STv (78,63%). Ep hñj ludp 4.343 r fr w qfldv (s dñyudv, ir up dv r x yr f exσ v), vñqgr 1.014 s dñyudv glwlvñv h 559 fr p xp d qfldr fr w qfld. O fr qvñ gr, dgdvdgr ir lfdvñj r u<sup>2</sup>dgr hp vñlvfñlvhv: Cñlvh 1, fr p 17 ST (16,5%); Cñlvh 2, fr p 13 ST (12,62%); Cñlvh 3, fr p 21 ST (20,39%); Cñlvh 4, fr p 19 ST (18,45%); Cñlvh 5, fr p 16 ST (15,53%); h Cñlvh 6, fr p 17 ST (16,5%).

Vddh uhwdñut xh hwdv vñlvfñlvhv vñ hqfr qvñdp glylgldv hp w vñdp lilfd hv (A, B h C) gr fr ũxv wñdohp dq dvñ. O vxefr ũxv A, fr p s r wñ sñd Cñlvh 3 ("Avs hf w v elr o j lfr v gr ghvñqyr gylp hqwr"), t xh vñ uhñh dr v dñs hf w v elr o j lfr v gr vñu x p dqr, t xh ds ur | lp d r j qñur h d vñ| xddgdgh gr s ur fhwr gh ghvñqyr gylp hqwr kxp dqr. O vxefr ũxv B, fr qwp r v glvf xur v fr uhv s r qghqvñv Cñlvh 6 ("Avs hf w v ñuglfr vñ glñlv v kxp dqr v), t xh fr qvñp sñd vñs hñs hf vñdvgr glñlv h vñdñdñ r fr p dvt xñw hvñuglfdv h vñfdv gd dñdñ r h lqñvñyq r gd s vñf σ j d/r /h. O vxefr ũxv C, fr p s r wñ sñd Cñlvh 2 ("Avs hf w v s r o vñfr vñ), t xh der ugd dñs hñs hf vñdvgr s r o vñfr vñ sñd dv, gr v p r ylp hqwr v r fldlv h gd lqfñv r hñ| fñv r v r fldo fñlvh 1 ("Avs hf w v gd Pñfr σ j ld Sr fldoñ ghfr σ qlddgdghñ), t xh fr p s uhqgh dvt xñw hv gd Pñfr σ j ld v r fldoñ dv ghñlv xddgdgh v r fldlv; fñlvh 4 ("Qvñvñhfñl r qddgdghñ), t xh vñ uhñh dr vñp dv fr qvñp s r u qñr v gh j qñur h vñ| xddgdgh h vñdv glwlg qfldv, dwlp fr p r vñxv dñyñwñdp hqwr v qdv ùdñ hv v r fldlv. h fñlvh 5 ("Pur gx r gh vxerñvñlgdghñ) t xh der ugd r v hñxgr v h vñr uldv gh j qñur h vñ| xddgdgh h vñdv glwlg qfldv (yñuFlj xud 1).



Flj xud 1. Dhiql hvgh vxej uks r v.

Pdud ddfdq du xp d p hkr uylvxddd r gdv fawhv, hader ux-vh xp r ydqrj udp d fr p d dwwd gh s delyudv gh fdgd fawhv j hudgdv ds duwugr vhwv t xl-t xcdugr . Nhoh hp huj hp dv hyr fd hv t xh ds uhvhwlp yr fdexo ur vhp hkdqvh hqvh vl h yr fdexo ur glihuqvh gdv rxwv fawhv. A vjh xlu vhu r ghvf dlv, r shufir qdd dgdv h h| hp s dlf dgdv fdgd xp d ghv dv fawhv hp huj lgdv qd Cawilfd r Hlhu ut xlf d Dhvf hqghqvh (yhuFlj xud 2).



Flj xud 2. Dhqgr j udp dgd Cawilfd r Hlhu ut xlf d Dhvf hqghqvh (CHD) gr vfr us xvgr PPCv

A fawhv 3, lqvw dgd gh Ávs hf v v elr o j lfr v gr ghvhyr qlyp hqwî, fr p s uhqgh 20,4% (i = 21) gr fr us xv w w d d q d d v d r . Cr p s r w d s r us delyudv h udglf dlv qr lqwyda hqvh | = 16,25 (vhwlv ur) h | = 38,51 (Agxov). Ewd fawhv fr qvw gd s r us delyudv fr p r Ágxovî (| > 38,51); Dhvhqyr qlyp hqwî (| > 30,43); Ávgdi (| > 30,32); Árj qlwyrî (| > 24,88); Álr o j lfrî (| > 24,88); Áhr udi (| > 16,97); Ágr dhv qf ldi (| >

16,79);  $\hat{C}_{eqydkhflp} hqwr \hat{I} (| > 16,79)$ ;  $\hat{O}_{hdklfh} \hat{I} (| > 16,25)$ ;  $\hat{O}_{thulwur} \hat{I} (| > 16,25)$ . Puhgr p lqddp dv hyr fd hv gdv IES 5 (2 ST;  $| > 7,96$ ); 4 (2 ST;  $| > 7,96$ ) h 14 (2 ST;  $| > 4,08$ ).

Avdy vgd dq dvh udd "dgd, fr qvdx-vht xh hwwr hqf dgr vr vdv hf v v el o j lfr vgr v huxp dqr, ds ur | lp dqr d vnr ud gh j qhur h vh | xddgdgh gr s ur fhwr gh ghvhqyr g lp hqwr qd dgr dvf q fld, ylgd dgxv h y hdklfh. O PPC gd IES 5 wd" hp vxd p dwd" fxulfxvdu v glvls dgdv gh fdu vnr euj dvr, Pvlfr s j ld gr ghvhqyr g lp hqwr ll, Thr ud gd vxerhlylgdgh ll, Pvlfr s j ld, glyhulgdgh h df hvleldgdgh. A hp hqv gd s up hlud glvls dgd ghvdf d f d l d p hqv hvd f dv h j r ud, dvlp fr p r d glvls dgd gh Sh | xddgdgh Hxp dgd r i huf lgd s h d lqv l r gh Eqvlqr Sxs hlr u14:

Thrudv svlfr o j l f dv gd ylgd dgxv h gd y hdklfh. Mxgdq dv fr j qlvdyv h lqvndf vdyv qr s ur fhwr gh hqy hdklfh hqwr; vh | xddgdgh h di h vlylgdgh qd p d v ugdgh; p xgdq d v s v l r w r f l d l v q d y l g d d g x v h q d y h d k l f h: th d h v i d p l d d h v, v r f l d e l d g d g h, s h u g d v,  $\alpha w$ , p r u h; O Ew d v w gr lgr vr; d v s u v l f d v s v l f r o j l f d v.

Hlv ud gd v h | xddgdgh. Mlv v h v d e x v g d v h | xddgdgh kxp dgd. G qhur h Sh | xddgdgh. Vly q fld gd v h | xddgdgh q r v f l f s v g d y l g d. A v h | xddgdgh kxp dgd hp vxdv glp hqv h v el o j l f d, s v l f r o j l f d h v f l r f x v u d o

A f d l w h 6, l q v l x d g d g h  $\hat{O}_{vshf v m u g l f r v h g l h l w v k x p d q r v i}$ , fr p s u h q g h 16.5% ( $i = 17$ ) gr fr u x v w v l o d q d d v d g r. Cr p s r w d s r u s d a y u d v q r l q v n y d a h q w h | = 15,37 (dvlwv q fld) h | = 49,8 (Jxuglfr). Ewd f d l w h i r u p d g d s r u s d a y u d v f r p r  $\hat{O}_{xuglfr} \hat{I} (| > 49,89)$ ;  $\hat{P}_{v f s j r} \hat{I} (| > 38,12)$ ;  $\hat{O}_{l h l w} \hat{I} (| > 21,05)$ ;  $\hat{O}_{h y l r} \hat{I} (| > 21,05)$ ;  $\hat{O}_{h i h v d i} (| > 15,63)$ ;  $\hat{O}_{x w l d i} (| > 15,63)$ ;  $\hat{O}_{w l w v q f l d i} (| > 15,37)$ ; O PPC gd IES 9 (3 ST;  $| > 15,63$ ) r t x h p h d r u h s u h v h q v d h v d f d l w h. Ewd f d l w h d e r u g d d v s h u s h f v l y d v g r g l h l w h v x d t h d l r f r p d v t x h w h v m u g l f d v h v l f d v g d d v x d r h l q v n y h q r g d s v l f s j d / r / h i h q v h d j d u d q v d h d g h i h v d g r v g l h l w v k x p d q r v h r f r p e d v n y l r o q f l d g h j q h u r. A h p h q v d g d g l v l s d q d P v l f r s j l d J x u g l f d d t x h p h d r u h j h p s d i l f d h v d f d l w h:

Ewdgr gd d v h g r f r q k h f l p h q w s v l f r o j l f r q d t h d l r f r p d n v l d. Nr h v g h g l h l w q h f h w u d v d r s v l f s j r l q v h l g r q r f d p s r m u g l f r. O s d s h o g r s v l f s j r q d v r u j d q l " d h v m u g l f d v. A l q v n y h q r s r q v x d o q r v f r q i d v v n a g l f l d l v, r g l d j q v l f r g l i h u q f l d o d s h u f l d, r h w x g r g h f d v r, r v d e d d r p x o g l v l s d q d u A d v x d r g r P v l f s j r s d x v g d h p s u l q f s l r v w f q l f r v h v l f r v h p v l x d h v g h f r q i d v v f r p d l h l, d e r u g d j h q v d m y h q v l q i u d v u h v, u h v r q v d e l d g d g h f x a d, y l r o q f l d f r q v d p x d k h u d v h q g l p h q w d w | l f p d q r v h g h p d l v v l x d h v g h d f r p s d q k d p h q w h d v l w v q f l d m u g l f d d r v f l g d r v.

A f d l w h 2, q r p l q d g d g h  $\hat{O}_{vshf v s r o v l f r v i}$  h q j s e d 12,62% ( $i = 13$ ) gr fr u x v w v l o d q d d v d g r. i r u p d g d s r u s d a y u d v q r l q v n y d a h q w h | = 13,5 (Cr q v n p s r u d q h l g d g h) h h q w h | = 66,67 (P r o v l f r d). Ewd f d l w h f r q v l w x g d s r u s d a y u d v f r p r  $\hat{P}_{r o v l f d i} (| > 66,67)$ ;  $P_{r o v l f r} (| > 40,91)$ ;  $C r q v n p s r u d q h l g d g h (| > 57,14)$ . Ewd f d l w h u h i h u h - v h v s h u s h f v l y d v s r o v l f d v, d e u d a j h q g r d v s r o v l f d v s e d f d v y r o v l g d v s d u d f r p e d v n d r s u h f r q f h l w h u h d l h v g h s r g h u d v l p f r p r l q f a v r h h | f a v r v r f l d o A I E S 13 (5 ST;  $| > 5,96$ ) d t x h f r q w p r P P C t x h p h d r u h s u h v h q v d f d l w h. A g l v l s d q d g h P v l f r s j l d v r f l d o e d v d q v h l a v v d v l y d g h v d f d l w h:

l q v n u d f h v f r p f d p s r v g d P v l f r s j l d h r x v d v f l q f l d v. H l w v f l g d g h h l q i a q f l d v h x u s l d, q r u h d p h u l f d q d h a v l q d. P u l q f l s d l v f r u h q v n v h u f d v h e d v h p h w g r o j l f d v. P u v l f d v f r d v l y d v h f r q v n | v v g h d v x d r g d P v l f r s j l d S r f l d o R h d l r l q g l y g x r h v r f l h g d g h. A v s h f v s v l f r w r f l d v: l g h q v l g d g h, v x e r h v l y l g d g h, h v l j p d, v r d g d l h g d g h. S x e d o h u l g d g h, u h d l h v g h s r g h u h i r u d d f l p h q w g h x p v x r h l w v l f r - s r o v l f r. E j f a v r, s r o v l f d v s e d f d v h l p s d f d h v g d P v l f r s j l d S r f l d o T u d q v y h u d d g d g h v q r r d k d u g d P v l f r s j l d S r f l d o j q h u r, u d d, f d l w h, u d j l r. Nr u p d v l y l g d g h v, q d v u d d " d h v h v d q v j u h w r. Cr p s u p l v r v l f r - s r o v l f r g d P v l f r s j l d S r f l d o



A fæwh 1, ir l lqvwælgd fr p r Óvshf w vgd Pvlfr ø j ld vr fldo ghfr ø qlddgdghî h fr p s uhqgh 16,5% (i = 17) gr fr us xv wædodgdvgr . ir up dgd s r us dæyudv qr lqvnydæ hqwh | = 10,33 (Rdf lvp r) h hqwh | = 37,99 (Fxqgd p hqwr). Ewd fæwh ir up dgd s r us dæyudv fr p r Ófxqgd p hqwrî (| > 37,99); Ódvlqr î (| > 32,23); Óp ulfdi (| > 26,58); îHlwuf r î (| > 21,89); Óvfr ø j ldi (| > 20,15); Óp hwrgr o j lfr î (| > 15,63); Ólehuæ r î (| > 15,63); îRdf lvp r î (| > 10,33). Ewd fæwh der ugd r v hwxgr vgd Pvlfr ø j ld vr fldo wæd hqgr d vxd fr qwæ r klw ufd qr eudMoh qd dp ulfd ælqad, glvfr uhqgr vr euh d Pvlfr ø j ld gd æhuæ r. Tdp e p wæd d æ w s lfr vgd h| fæv r vr fldo hwxæwæd r udf lwaæ, khvur qr up dæy d h vh| lwaæ gd vr flhg dgh; dv uæ h v gh j qhur h vnr udv ghfr ø qldv, r t xh gh p r wæd xp d deudqj qf ld dr v hwxgr v lqvnuhfflr qdlv. O PPC gd IES 19 (8 ST; | > 12,36) r t xh p hkr ufd d f wæd d hwd fæwh. O hp hqwur gd glvfr lsdqd Ófxqgd p hqwr v h Phus hf vlydv gd Pvlfr ø j ld Sr fldo d t xh p hkr ughp r qwæd hwd fæwh:

Fxqgd p hqwr v klw ufr v, vñ ufr v h p hwrgr o j lfr vgd Pvlfr ø j ld Sr fldo Avud hvgd Pvlfr ø j ld Sr fldo Mr ghud. A fu v h gd Pvlfr ø j ld Sr fldo Nryr v Pdudglj p dv gd Pvlfr ø j ld Sr fldo Pvlfr ø j ld S flr-klw ufd Cxæwæd Pvlfr ø j ld gd Llehuæ r qd Ap ulfd Ldvlqad. A der ugdj hp gr fr qwæf l r qlv p r vr fldo A vnr u d gd v Rhs uhv hqæd hv Sr fldv. O glvfxur hqt xdqw su vfd glvfxu lyd. Fr up d hv lghqv w u dv qd fr qvhp s ru d qhlgdgh. Ewægr gh t x h w h v gd Pvlfr ø j ld Sr fldo qr fr qvhp s ru qhr: su vfd v gh h| fæv r / lq fæv r, s r o v f d v vr fldv, y l r o q f l d, wædækr, s u f h w r v gh vxer h vlyd r h p g l d. Rhid| r vr euh ghvj x d æ dgh vr fldo kxp lkd r, v r i d p h q w v f r -s r o v f r, g l h l w v k x p d q r v. O v g h v d i l r v g d Pvlfr ø j ld Sr fldo qd vr flhg dgh eudv h l u d i u h q v h d h w æ w æ d r u d f l w æ, k h v u r q r u p d æ y d h v h | l w æ.

A fæwh 4 ir l q r p h d g d gh Óqvnuhfflr qddgdghî h fr p s uhqgh 18,45% (i = 19) gr fr us xv wædodgdvgr . ir up dgd s r us dæyudv qr lqvnydæ hqwh | = 11,19 (Cxæwæd) h hqwh | = 27,49 (Dlihuq d). Ewd fæwh fr qvwæd gd s r us dæyudv fr p r Ódlihuq d i (| > 27,49); Óg qhur î (| > 24,86); Órd d i (| > 23,08); ÓCr qvhp s ru qhr î (| > 22,63); Óæw h i (| > 18,44); Óhp lqlwæi (| > 13,24); ÓCxæwæd (| > 11,19). Ewd fæwh wæd hp v h x h v r s r p d f d g r u h v r f l d l v f r q v h p s r u q h r v f r p r j q h u r , f æ w h , g l y h u l g d g h v h | x d o E w d f æ w h q r d s u h v h q w æ q h q k x p d I E S t x h d u s u h v h q w æ w h.

A fæwh 5 lqvwæd-vh Ópur gx r gh vxer h vlygdghî h fr p s uhqgh 15,53% (i = 16) gr fr us xv wædodgdvgr . fr p s r wæd s r us dæyudv qr lqvnydæ hqwh | = 4,27 (lqvnu d f h) h hqwh | = 25,04 (Pur gx r). Eæd fr qvwæd gd s r us dæyudv fr p r Ópur gx r î (| > 25,04); Óvxer h vlygdghî (| > 21,72); Óæwæd (| > 11,22). Ewd fæwh deudqj h glvfr lsdqdv t x h d e r u g d p d v vnr u d v h w æ g r v v r e u h j q h u r , i h p l q l v p r h s r s x æ l r L G B T Q I A + , d w l p f r p r d v s h f w r v g d s u r g x r g h v x e r h v l y g d g h . P u h g r p l q d u d p d v h y r f d h v g d v I E S 12 (3 S T ; | > 16,8); 11 (2 S T ; | > 6,16); 1 (1 S T ; | > 5,49). A h p h q w æ d g d g l v f r l s d q d Óg q h u r h S h | x d d g d g h i g d I E S 11 h | h p s d i l f d h w d f æ w h:

Thru dv ihp lqlwæd h r v h w æ g r v gh j q h u r . P h u s h f v l y d v h u f d v q r f d p s r g d v h | x d d g d g h . O v v l w h p d v q r u p d æ y r v gh v h | r , j q h u r , v h | x d d g d g h h g h v h m h v x d v l p s d f d h v q d s u r g x r g d v v x e r h v l y g d g h v . V x æ h u d e l d g d g h h p g h f r u q f l d g d l q v n u d f h g h j q h u r h r x w æ v p d f d g r u h v r f l d v .

## R'ÉVÔÉE A

At x l s r q w æ d -v h r t x d q w d i r u p d r h p s v l f r ø j l d s u h f l v d v h u h d y d d d g d v r e x p d s h u s h f v l y d t x h v h q k d r s h q v d p h q w f u v f r f r p r f h u g h , l q v n j u d q g r d l q v n u h f f l r q d d g d g h f r p r x p h d p h q w i x q g d p h q w æ s d u d v h f r p s u h q g h u d v f r p s d | d v u d d g d g h v y l y g d v s h æ l s r s x æ l r L G B T Q I A + . E w h r æ d u d e u d q j h q v h d w d y v g d i r u p d r s h u p l v h t x h r v s u r i l w l r q d l v l g h q w i l t x h p f r p r i d v u h v f r p r u d d , f æ w h v r f l d o j q h u r h r u h q w æ r v h | x d o v h h q w æ d æ d p , j h u d q g r h | s h u l q f l d v h v s h f i l f d v g h r s u h w r h p d j l q d d d r .

lj xdp hqvnlp sr udlqvt xh dir up d r hqidw'hr vglhlw v kxp dqr vhdvs r ovlf dvs edf dvglhflr qdgdvd hwd srsxæ r, surpryhqgr xp hqvnhqglp hqwr p dlvdudaj hqvnh v hqv yho vvx dv qhf hwlgdghv. A lqfr us r ud r ghwdv glv xw hvqr fxwfxæ q r ds hqdv s hsdur vs vlf æ j r v s ddr ihuf huxp dvhqglp hqwr p dlvd vlf r h lqfævlyr, p dv vdp e p r v f ds dflvd d vh w uqdhp dj hqvnh gh p xgdq d vr fldo gh hqghqgr s r ovlf dv t xh uhv hlvnp h s ur p rydp r vglhlw vgd fr p xqlgdgh LGBTQIA+.

## **Q'ufËy AHDEÄywfÄËv"Ä² "wÄËxÄxyËyÄÖÄ²Ö² yÁíÄ**

A s dulugd fælvh 3, lqvwxægd gh Ávs hf wv elr o j lfr vî, lghqvlf d-vh xp d thæ r hqvnh j qhur h vh| xddgdgh h dvfr qfhs hvelr o j lfdv gh ghv hqyr o lp hqwr gr v huxp dqr, der ugdqgr hwdv vnr uddvdy v gh p dufdgr uhvelr o j lfr vgd lqi qfld, dgr dñv qfld h y hðk lf h.

Dldqvnh glwr, vh id" lp sr udlqvt glvfxwlv j qhur h vh| xddgdgh d s dultu ghwd s hws hf vlyd, s r lv uhdydqvnh s huf hehur fr us r fr p r s dultu gd qr wd h| lwwqfld, dvlp vh id" hqgr qhf hw ur fr p s uhqghudv s r v hqfldgdghv h d p lvnv ghð. Dhwd ir up d, hwhqfldot xh hwh s ur fhwr gh fr qkhflp hqwr h uhfr qkhflp hqwr dfr qvnh d gh ir up d v h j xud, uhv hlvæqgr dv vxerh vlygdghv h hvs hf l ilf lgdghv gh fdgd idv gd ylgd. Ov fr us r v hwwr lqvulgr v h v r lqiæ hqfldgr vs r uxp d f xæ udt xh gllddp hqvnh v h w dqv ir up d, h, s r udlqwr, q r ghyhp vhu vlp s d ilf dgr v fr p r p hur v lqvwxp hqwr v gh u s r gx r vh| xdo Edhv v r hqvlgdghv klw uf dv lqvulqv h d p hqvnh dj dgdv fr qvwæ r gd qduddvlyd vr fldodr æ qj r gr vnp sr (Llp d, 2019).

Pr udlqwr, vh| xddgdgh h j qhur v r s ur gxwv p r æ dgr v s hæ fr qvnh| w vr flr -klw ufr -f xæ udo uhvæd qgr gh glyhur v glvfxur v h hwxwædv gh s r ghuf r qkhflp hqwr. Nhwd ylv r, d vh| xddgdgh deudaj h glyhu dv glp hqv hv gd ylgd, lqfæ lqgr fr us r v, s u d" hwh, ghv hmv, thæ hv, lghqvlgdghv h glihuq dv, wgr v lqiæ hqfldgr vs hæ klw ud h s hæ vr flhgdgh (Lr xur, 2000).

Lr j r, hwhqfldoh| huf huf dxv hæ dr der ugdud lqvnhfr qh| r ghv h vgr lv w s lfr v, hylæqgr vlp s d ilf du d glvfxw r ds hqdv dr v dvs hf wv elr o j lfr v h qh j dj hqfldqgr wgd d glp hqv r s vlf r wr fldot xh hqyr o h hwd vnp vlf d. Lr xur (2000), dilup d t xh dv fr qfhs hv gh j qhur h vh| xddgdgh fr qvnh s æp l v xdlv, daj xdj hqv, uhs uhv hqvæ hv, fr qyhq hv h v p er æ v, r x v h r d, s ur fhwr v f xæ udlv h s æ udlv. Pr uhwh y hlv, d dxw ud s r qvæ d t xh q r h| lwn Q d v x u d æ q h w d g l v f x w r, v æ q w s h æ f r q f h s r g h f r u s r x g h q d v x u h" d. Pr uhwh p r vlyr, vhu dvdy v gh s ur fhwr v f xæ udlv t xh lu v h ghilqlur t xh r x q r q d v x u d s u r g x" l q g r h p r æ d q g r d q d v x u h" d h d elr æ j l d, w u d q g r -d v k l w u f d v.

A deudaj qfld ghwdv vnp vlf dv fr qylgd thidh| r vr eh vxd lqvnhv r fr p r ghv hqyr o lp hqwr kxp dqr. Ewd lqvnhv hæ r s ur s r ufr qd qr ydv ylv hv df huf d gr v dvs hf wv i vlf r v, hp r flr qdlv h vr fldlv gr ghv hqyr o lp hqwr kxp dqr, dgr v æ q g r xp d s hws hf vlyd kr ovlf d t xh uhfr qkhf h r lqgly gxr fr p r xp wgr. Nhvh fr qvnh| w, r vxrhlw ylyh h| s hul qfldv, fr qvw l v x d lghqvlgdghv h hqiuhqvæ w dqv ir up d hv lqvæqv h f dv dr fr us r (Fhuhlud, 2021).

Avglvfls d qdv ghv h h| r, h| s æ u d p d lqiæ qfld ix qgd p hqvæogr j qhur h gdvh| xddgdgh qr fr p s d h| r s ur fhwr gh ghv hqyr o lp hqwr kxp dqr, t xh p r æ d dv h| s hul qfldv h w d r h w u d v dr æ qj r gd ylgd. Phqv d qgr dv uhs huf xw hv vr fldlv s ur y h q l h q v n v g h w d v v n p v l f d v d r æ q j r g d l q i q f l d, d g r d ñ v q f l d h y h ð k l f h.

## Q'ufEÿ DHDEÄywfÄE'ÖÉx'wÄE y x'Éy'fÄE-Ö³ uÄÄE

A fæwh 2, Avs hfww ræuglfr v h gluhlww kxp dqr v wæd" hp vhx hvfr sr glvfxw hv vr eth sr owl dv s edf dv h gluhlww kxp dqr v. Nhwd fæwh hqfr qwæp -vh dv glvfxw hv vr eth sr owl dv gh lqfæv r h h|fæv r hp lqvhuðf h fr p dv vhp wlf dv gh j qhur , vh| xddgdgh, ud d, fæwh, hqwh r xwv. Cr p r r ethvyr gh s ur p ryhu xp d dæd r fr p s ur p hvlgd fr p dv glyhuwv uhddgdghv vr fldlv h d glyhuwlgdgh gh p r gr v gh vhu fr p r v gluhlww kxp dqr v h d s ur p r r gh flgdgdqlds d d r v j uxs r vt xh fr p s hp xp d p lqr ud vr fldo

Awlp , ghwæf d-vh d lp s r uwqfld gh vh lqfæluglvf ls dædv t xh yhuwv vr eth d lp s r uwqfld gd ghihv d gr v gluhlww kxp dqr v. Pr lv, vhu dædy v gd s ur p r r ghwv glvfxw hv t xh vh fud xp d p dqlud hif d" gh ghvdlidur vlvvhp dv gh r s uhv r h h|fæv r hp wgdv dv xdv glp hqv hv. Dhilqlqgr r fr p s ur p lwr vr fldogd Pvlfr æ j ld q r ds hqdv qd ghihv d gr v gluhlww flylv h sr owl fr v, p dv væp e p qd s ur vñ r gr v gluhlww hfr q p lfr v, vr fldlv h fæxæulv, j dæqvlg r v d wgr v r v vhu v kxp dqr v. Ivvr lqfæ l j uxs r v iut xhqvhp hqvñ vxrhv v d s uhfr qfhlw h lqv ðu qfld, fr p r fudq dv, p ækhuv, lqg j hqdv, shvr dv qhj ædv, kr p r wh| xdlv, wæqvñ| xdlv, shvr dv gh edl| d uhqgd h shvr dv fr p ghilf l qfld (Sdqwv, 2017).

Fr l dædy v ghwd shus hf vlyd t xh, fr p r ir up d gh fr p s ur p hvlp hqv fr p d uhddgdgh gr v j uxs r v sr owl dp hqvñ p lqr u wlv r, r C glj r gh wlf d Pur ilwlr qdogd s vlf æ j d/r /h, qd vx dyhu r p dlv dædd" dgd h hæler ædg d shæ Cr qvhkr Fhghudogh Pvlfr æ j ld, r uhqvæ t xh d s vlf æ j d/r /h ixqgd p hqvñ vx d s u wlf d qr uhv hlv h qd s ur p r r gd æhugdg h, glj qlgdgh, lj xddgdgh h lqvñj ugdgh gh fdgd vhukxp dqr , uhv dædqgr -vh qr vs æqf slr vgd Dhfæud r Uqlyhuwogr v Dluhlww Hxp dqr v (CFP, 2005).

Oxwv p r ylp hqv lp s r wæqvñ h dæqkdgr fr p r fr p s ur p lwr p lqr u wlv r, ir l r s ur fhwr gh ghvs dv æ j l" d r gd kr p r wh| xddgdgh, t xh vh ds uhvqvæ fr p r xp p dfr s d d j dæqvld gr v gluhlww ghvwd s r s xæ r . Tud" hqgr xp d p xgdq d vj qlilf dvlyd qr fhq ùr p glfr h, s r ufr qvhj xlvñ, qd Pvlfr æ j ld. Cr p r xp d glv ls dæd gh vd gh, d Pvlfr æ j ld vñh t xh vh dgds væuh uhj xæud s u wlf d gr v s ur ilwlr qdlv qd ùd. Fr l d s dælu gd Rhv æ r q x 001/99 gr Cr qvhkr Fhghudogh Pvlfr æ j ld (CFP, 1999) t xh d Pvlfr æ j ld s dvw x d uhfr qkhfhud kr p r wh| xddgdgh fr p r xp d r uhqvæ r vh| x d q h q r p dlv fr p r xp d s dv æ j ld. Ivvr uhv æw x hp xp d p dlr uf ds df lgdgh gh dfr æ lp hqv s d d lqgly gxr v LGBTQIA+ h xp d fr p s uhqv r p dlv dædqj hqvñ gd r uhqvæ r vh| x d o h gd fr qwæ r gd lghqvlgdgh ghvwd s hvr dv (Cdydæ r & Sdqwv Slp r , 2022).

Dhwd ir up d, vh id" lp s uhvflqg yho t xh d ir up d r hp Pvlfr æ j ld wæqvfhqgd d der ugdj hp p hup hqvñ wfqlf d, hyr ælqgr s d d xp d ir up d r fuwlf d, s r owl dp hqvñ fr qvlhqvñ h uhid| lyd. hwhqfldo lqfr us r ædu vhp dv fr p r flgdgdqld, gluhlww kxp dqr v h p r ylp hqv v vr fldlv, hvs hfldæp hqvñ fr qvlghudqgr d fuhvfhqvñ lqvñj æd r gds vlf æ j d/r /h qr Slwvhp d qlfr gh Sd gh (SUS) h r ds ùp r ædp hqv gd fr p s uhqv r gdv qhf hwlgdghv gh vd gh gd s r s xæ r (Sdæv & Gr p hv, 2020).

Awlp , wæd-vh lqglvs hqv yhod exvf d s r uxp d ir up d r hp Pvlfr æ j ld t xh hwhvrd r uhqvægd s hæ v gluhlww kxp dqr v, t xh s ur fxuh thylvduv vñr ædv h p wgr v gh hqvqr wæglfr qdlv. Pr uæqæw , qhf hw ùr t xh d der ugdj hp vñf qlf l wæd, dvxs hulflddgdgh h dæv qfld gh xp d s r wæufuwlfd ghyhp vhuwxewæx gds r uxp d ir up d r p dlv fuwlf d. Av s vlf æ j dv/r v/hv, hqt xdqw flhqv wæv h s ur ilwlr qdlv yr ædgr v s d d r hwægr gr kxp dqr , q r s r gh p ilf dædæhlr vdr p r ylp hqv gd uhddgdgh t xh fæudp hqvñ ds r qæd qd gluh r gr v gluhlww kxp dqr v (Br fn, 2010).

Av glvfls dgdv lqfα gdv qhwh hl| r fdmjh ulfr, ylvdp fr qwαluxp d v dgd edvh vlf d qd su vlf d gd Pvlf rσ j ld, vhaqr fr p r ir fr fhqvdor v gluhlvr kxp dqr v, fr p r r erhvlyr gh ir p hqvud d mww d vr fldoh fr qvlexlus d d lghqvlf d r h fr p edm gdv glvs d lgdghv vr fldlv. Eα vdp e p f ds df lvd dvs vlf σ j dv/r v/hv d lqvudj lhp fr p xp d dp sα glyhuvgdgh gh lqgly gxr v h ir up dv gh vhu p dqvhaqr xp d sr wαud vlf d h lqfα vlyd hp vxd dα d r.

## Q'ueËy ? HDEÄywfÄE ÄÄ² í'wÄE

O s u r s vlv ghvdfαdwh hl| s α udv s r o v f d v s e d f d v u h α f l r q d g d v l q f α v r h h | f α v r v r f l d o f r p r l q v l w gh f ds d f l v d v s v l f σ j dv/r v/hv d s u p r y h u p d l j x d α d g h h u h g x " l u d v g l v s d l g d g h v r f l d l v h p v x d s u v l f d s u i l w l r q d o A o p g l w r , y l v d s u r i x q g d u d f r p s u h q v r g d v g l q p l f d v r f l d l v d v r f l d g d v h | f α v r h v h x l p s d f w q r v j u x s r v p l q r u w l r v , i r u h f h q q r x p d e d v s d u d r g h v h q y r q l p h q w gh h w α d w j l d v h i l f d " h v gh l q f α v r .

Nd d v x d d g d g h , x p g r v p d l r u h v r e w f x α v t x h d P v l f r σ j l d h q i u h q v d , r g h v d i l r gh g h v h q y r q y h u d e r u g d j h q v s d u d d v x d u q d v s r o v f d v s e d f d v . A e r u g d j h q v h w d v t x h g h y h p v h e d v h d u q r h q v h a q g l p h q w g r v g h v h p l q d q v h v r f l d l v , q d f u v l f d d r v v l w h p d v q r u p d v l y r v , q d y d α u " d r g d g l y h u l g d g h gh l g h q v l g d g h v , q r i r u d h f l p h q w g r v l q g l y g x r v h q d s u r p r r g d s d u l f l s d r g d v y u d v f r p x q l g d g h v q r f r q w r d h g h w d v s r o v f d v (Ghwhu 2013).

Dhwh p r g r , v h i d " q h f h w u r d g h i h v d g d l j x d α d g h q r t x h g l " u h v s h l w j d u d q v l d gh gluhlvr s d u d w r g r v , f r p r h g x f d r , v d gh , v h j x u d q d , α i " h u h q v h r x w r v . P r u p , v α p e p v h i d " l p s r u d q v h w d y d u x p d α v d s h α l l q f α v r q h w h v g l u h l v r l j x d l v , s h α l h | l w q f l d g h x p j u x s r v r f l d o h | f α g r , i d " h a q r - v h q h f h w u d d h t x l g d g h s d u d j h u d u r s r u x q l g d g h v l j x d l v g h d f h v r (Sloyd & lvd' dp d, 2020).

A q d d v d u d t x h w r g d l q f α v r v r f l d o l p s d f d l g h q v l f d u h d p h q w v t x h d w h j x u h p d f l g d g d q l d , h y l v h p d y l r α l r gh gluhlvr v h i d f l d v h p r d f h w r v s r o v f d v s e d f d v s d u d d f r p x q l g d g h L G B T Q I A + , t x h f r p x p h q v h h q i u h q v d p v l w d h v g h y x α h u d e l d g d g h . O d y d q r q d v s r o v f d v g h l q f α v r s d u d h w h v p h p e u r v h p h j h f r p r x p d d e r u g d j h p h i l f d " s d u d s u r p r y h u h t x l g d g h h f r q w α l u x p d v r f l h g d g h p d l v m w α d h l q f α v l y d (gh Mr u d l v h w d o , 2022).

Dhwd ir up d , s r g h - v h d i l u p d u t x h d v s r o v f d v y r α v g d v s d u d d f r p x q l g d g h L G B T Q I A + d y d q d u d p d r σ q j r g r v d q r v , s r u p , g h p d q h l u d l q v h u p l v h q v h y x α h u y h o r t x h v h w u r x p d l v h y l g h q v h q r v α l p r v d q r v g h y l g r d r d x p h q w g r f r q v h y d g r u p r h i d α d gh l q v h u h w h g r s r g h u h | h f x v l y r h d j l v α l y r q d v t x h w h v L G B T Q I A + . P r u v d q w , h w h q f l d o g h w α l f d u t x h d P v l f r σ j l d f r q v l x d g h v h p s h q k d q q r x p s d s h o f u x f l d o q r v r p h q v h q d g h i h v d g d g h v s d v r σ j l " d r h q d α v d f r q w d d L G B T Q I A + i r e l d p d v v α p e p q d u h v w q f l d f r q w d s r w y h l v u h w r f h w r v q h w d d j h q g d , f r p r d v f r q w d q v h v h q v α l y d v gh l q y d d g d u d v u h r α h v g r C F P u h α f l r q d g d v d h w h d w x q w (Cduyddk & Sdqwv Slp r , 2022).

D l d q v h g r d v x d o f r q v h | w gh d v f h q v r gh glvf x w r v q h r d e h u d l v , f r q v h y d g r u h v , p d f k l w α d , k r p r i e l f r v , u d f l w α d , w d q v i e l f r v h | h q r i e l f r v , w u q d - v h l p s h u d l y r u d y l y d u q r p e l w h g x f d f l r q d o d g l v f x w r v r e u h r v g l u h l v r v f l y l v h k x p d q r v . A s h v d u g d v u h i d | h v h f u v l f d v t x h d v h r u d v f u v l f d v h s - v f u v l f d v g r f x w f x α w p s u r p r y l g r h p u h α l r d r f r p s u r p l w r k l w u l f r h s r o v f r g r f x w f x α w d g l f l r q d o h p v x w h q v d u r w α v v t x r h d v u h α l h v gh s r g h u k l h u u x l f d v , u h f r q k h f h - v h d l p s r u w q f l d gh t x h d v h v r α d v

der ughp vhp dv thæf l r qdgr v dr v gluhl v kxp dqr v, hvlp xæd qgr glvf xw hv h thidj hv hqwh r v dæqr v (Mdf kdgr, 2021).

O t x h v h s huf heh dwdy v gdv glv f l s d qdv ghwh h l j r, d der ugdj hp gh s u r p r y h u x p d dæd r fr p s u r p h v l g d f r p d q h f h v l g d g h g h r d k d u s d u d r v x r h l w fr q v l g h u d q g r d v g l y h u d v f r p s d j l g d g h v g h v x d v h j l w q f l d v g h q w r g h v h x v s u s u r v f r q v h j w v h p d u f d g r u h v r f l d l v, h q v h q g h q g r d l p s r u w q f l d g d f u d r g h s r o v l f d v s e d f d v y r æ d g d v s d u d l q f æ v r h h t x l g d g h g d f r p x q l g d g h L G B T Q I A +, h d v u h f r q k h f h q g r f r p r g l u h l w v f r q w l w x f l r q d l v.

## **Q'ũÊËy : HÐÊÄyŵÄÊxu dÊ'wÄ²Ä" "u ÊÄwü²y xywÄ²ÄÄ"u²"xuxy**

Av glv f l s d qdv ghwæ f æ l w h h q j æ e d p r v h w æ x g r v g d P v l f r æ j l d v r f l d o h j s æ u d q g r d v s u r e d h p v l f d v g d g h f r æ q l d d g d g h q r p e l w g d P v l f r æ j l d v r f l d o d v l p f r p r d i r u p d r f r æ q l d o p r g h u q d g r v x r h l w. R h æ f l r q d q g r h j f æ v r v r f l d o h w æ x w u d r u d f l w æ, k h v h u r q r u p d v l y d g d v r f l h g d g h, v u h æ h v g h j q h u r d v v h r u d v g h f r æ q l d l v.

i x q g d p h q v æ l o u h d d " d u x p d f r q f h l w d r h g l w l q r g d v p d q h l u d v s h æ l t x d l v d f r æ q l d d g d g h v h p d q l i h w æ h v h w æ l e h d f h q d v r f l h g d g h. A f r æ q l d d g d g h g r s r g h u i r l g h v h q y r æ l g d s r u p h l r g d h w æ d w j l d g h u d f l d d " d r f r p r x p p w g r g h h j h u f h u g r p l q d r, h j s æ u d r h f u d u g l y l v h v f r æ q l d l v, v æ l v f r p r f h q w r h s h u l i h u d, f r æ q l " d g r u h f r æ q l " d g r, e u d q f r h q h j u r, k r p h p h p x æ k h u P r u r x w æ æ d g r, d f r æ q l d d g d g h g r v d e h u d e u d q j h d s h u s h f v l y d h s l w p l f d t x h e x v f d v l d q f l d u h r f x æ u t x d æ x h u f r q k h f l p h q w t x h q r v h h q f d l j h q r s d u d g l j p d r f l g h q v æ l o e u d q f r h k h v h u r f l v q r u p d v l y r (L l p d & M d d k h y 2019).

P r u h w h p r v l y r q h f h w u r f r q v l g h u d u d v l j q l i l f d v l y d l q i æ q f l d h x u s h l d q d k l w u d g d P v l f r æ j l d, h j d p l q d q g r d v i r u p d v f r p r h w d v g l v f l s d q d v s r g h p d l q g d l q f r u s r u d u h p v x d v s u v l f d v h i x q g d p h q w v, h d h p h q w v g h s h q v d p h q w f r æ q l d l v. E w d v g h f l v h v, q r v æ g d p h q v h s u h v h q v h v q r v f x u f x æ v d f d g p l f r v g d v x q l y h u l g d g h v (l g h q v i l f d g r v f r p r j h u d g r u h v g h f r q k h f l p h q w), h w æ l e h d f h p x p f r u s r g h f r q k h f l p h q w h s u r p r y h p d e r u d j h q v s d u d d P v l f r æ j l d t x h k l w u f d p h q v h u h s d æ g d p q r u p d v g h f r p s r u æ l p h q w v r f l d o p h q v h d f h l v æ l v, u h v x æ d q g r, s r u f r q v h j x l q v h, q d f r q w æ r g r f r q f h l w g h " d q r u p d d g d g h " h g d h j f æ v r (P h u l l u d h w d o, 2022).

P r u v æ q w r, q h f h w u r t x h e u d u r v p r g h æ v g h d æ d r t x h y l v d p d s v l f r æ j l " d r g r v s u r e d h p d v v r f l d l v, l g h q v i l f d q g r h u h s r q v d e l d " d q g r l q g l y l g x d d g d g h v s h æ v v h x v v i u p h q w v. A w l p, f r p r h y l æ d u s v l f d v f o q l f d v h s d w æ j l " d q v h v t x h h q f r e u h p r v s u r e d h p d v t x h f r q w l w x h p d v r f l h g d g h e u d v d h l u d h r v h x k l w u f r f r æ q l d o g h y l r o q f l d h h j s æ u d r t x h s u r g x " l x v x e r h v l y l g d g h v p d u f d g d v s h æ l g h l d g d h j l w q f l d g r f r æ q l " d g r u t x h v h d s u h v h q v æ l f r p r v x s h u r u h k x p d q r h r f r æ q l " d g r, l q i h u r u h h q v h q g l g r f r p r f r l v d. (G r p h v h w d o, 2022).

A w l p, v h i d " s h u l q h q v h s r q w æ d u d l p s r u w q f l d g h v h s u r p r y h u g l v f x w h v d f h u f d g d v h j x d d g d g h, u h f r q k h f h q g r d u d h y q f l d g h l q f r u s r u d u d f x æ u d h r f r q v h j w v r f l r - k l w u f r q h w h g l æ j r, s h u p l v æ q g r d f u d r g h u h i d j h v l j q l i l f d v l y d v r e u h d p d q h l u d f r p r r v f r u s r v h p d q l i h w æ l p q d v r f l h g d g h h d v l q v h u d h v t x h h w h v h w æ l e h d f h p q r p e l w v r f l d o (B r j h v, 2009).

D h w h p r g r, d i r u p d r h p P v l f r æ j l d, t x d q g r g h v h q y r æ l g d v r e x p d s h u s h f v l y d g h f r æ q l d o l p s d f d h p t x h w l r q d u h u h f r q w æ l u h w d v v h r u d v h w f q l f d v v æ g l f l r q d l v t x h p r æ g d u d p d v i r u p d v g r i d " h u s v l f r o j l f r. A e r u g d u d g h f r æ q l d d g d g h q d i r u p d r, l q f h q v l y d d v i x w æ d v s v l f æ j d v / r v / h v d s h q v d u h p d v p d l v

ydldgdv fxoxudv, vñqgr xp dylv r fuvlf d vr euh hwd glyhuvgdgh fxoxudoh vñlf d, exvfdqgr ghvfr σ ql" dur v fr qfhlw v h s u vlf d v s vfr o j lf dv, w uqdqgr -dv p dlv lqf α vlyd h fr qvñ| v xdd" dgdv s d d dgdv fr p dv uhddgdghv. Pr udlqwr, d ir up d r hp Pvlf r σ j ld h d ghfr σ qlddgdgh vñ hqwhd dp fr p r r erñvlyr gh ufr qwxu dv glvls dgdv gh p r gr d vñup dlv lqf α vlyd h vñqvyho s α uddgdgh gh yly qfldv h s hws hf vlydv.

## Q'uÊËy BHÁÍyÊËywwÁÁu"xuxy

Ewdfæwh wad" hp vñx hvfr s r p dufdgr uhvvr fldlvfr qvñp s r u qhr vfr p r j qhur, fæwh, glyhuvgdgh vñ| xdo ihp lqlvp r h ud d. Eqj σ edqgr dv p æls ælv lghqvgdghv h p r gr v gh vñu ufr qkhfhqgr dv lqvñuñ hv hqwh hvvdv vñp vlf dv h ghwvlf d qgr d lp s r uwqfld gh hwxgduh fr p s uhqghuhvñv ihq p hqr v gh xp d ir up d lqvñj ugd.

O fr qfhlw gh lqvñuñhf l r qddgdgh vñ s u s h d glvfxvñ dv glihuqvñv h p æls ælv s r vñeldgdghv gh lghqvgdghv h vxdv ir up dv gh hwxwud r. Cr qvlexlqgr s d d d t xheud fr p d klhudt xl" d r gdv ir up dv gh r s uñv r. Ead vñ ds uhvqvd fr p r xp d der ugdj hp d qdovlf d t xh deudqj h p æls ælv ir up dv gh r s uñv r dr p hv p r vñp s r. Pr up hlr ghwd s hws hf vlyd, q r vñ d qddvdv dv ir up dv gh glv up lqd r gh p dqhlud lvr ægd, qhp vñ dp lvd dv r p duvp s dv p hqvñ glihuqvñv ir up dv gh glv up lqd r. Phæ fr qvñ ur, d lqvñuñhf l r qddgdgh ufr qkhfh d fr p s dñ| lgdgh gdv lqvñuñ hv hqwh r v s r fñv v glv up lqdw ur v h s r fñv fr p s uhqghu dv fr qgl hv hws hf ilf dv t xh vñj hp d s duñughwv lqvñud hv (Odyhlud & Fñud, 2018; K' uð v, 2020).

A lp s r uwqfld ghvñ fr qfhlw s r gh vñur evñydg d qd s u r p r r gh ghedvñv vr euh vñ| xddgdgh dvñdy v gr yl v ihp lqlvñ, t xh ghwvlf d d lp s r uwqfld gh fr qvñghudur v idv uhv fxoxudlv s d d j dudqvñxp d der ugdj hp p dlv fr qvñ| v xdd" dgd. Hr r nv (2000) ds r qvñ t xh d vñ| xddgdgh ir uñp hqvñ p r ægdg s r uqr up dv fxoxudlv h vr fldlv, h lqfr s r uduhñv dv s hf v v qdv glvfxw hv ixqgdv hqvños d d ghv p dqvñæluhwxwudv gh r s uñv r h ydñ u" du d s α uddgdgh gh h| s hñ qfldv. Ewh hqir t xh fuxfldos d d r ihp lqlvp r, t xh exvfd deudqj hu dv glyhu dv lghqvgdghv h yly qfldv gdv p xñhu vñ hp ydldgr vfr qvñ| v v v r flr fxoxudlv.

Pdud d p gr ihp lqlvp r eudqfr, fuxfldofr qvñghudur s hqvdp hqwr vñqvñhp lqlvñ qhj ur fr p r xp fdp s r gh fr qkhflp hqwr t xh ghvdild t xh wñvñ uñæflr qdgdv dr v ihp lqlvp r v gh p dqhlud p dlv dp s æ, hvs hf ldp hqvñ q r t xh gl" uñv hñw ghvqdvñ udd" d r gdf dvñj r ud "p xñhu vñ" h gdv glyhu dv ihp lqlgdghv. Ar p hv p r vñp s r, hwd der ugdj hp ghvñ f d r ir fr gdv vñ| xddgdghv glvñghqvñv s uhvqvñv q r v p r ylp hqwr v LGBTQIA+ s d d d glvfxw r vr euh lghqvgdghv gh j qhur t xh vñqvñfhqghp dv fr qvñ hv flvqr up dvlydv. Awlp, p dlvgr t xh ds hqdv s ur eñp dvñ dudv khñvñ q r up dvlygdghvgr p lqdqvñv, r s hqvdp hqwr vñqvñhp lqlvñ qhj ur vñ fr qfhqvñd hp s r fñv v gh dxw ghilql r h dxw dilup d r gh lghqvgdghv udfldlv h gh j qhur, d d qk d qgr -vñ v s uñr fñs d hvgr v ihp lqlvp r v qhj ur v (Ndvl p hqwr, 2022).

Pr udlqwr, fr qvñghudv fr qvñwñl r gr v vxñlv vñ vñxv s r fñv v gh vxerñvlyd r, vñd" d qgr d lqvñuñhf l r qddgdgh fr p r hl| r fhqvñd q r ds hqdv hqut xhfh d dñvñud h hqvñqglp hqwr gr v dv s hf v v hwxgdgr v, p dv vñp e p fr qvñexl s d d ghvñqyr gyhuñwñd j ldv gh lqvñuñh q r t xh dgr vñp xp d der ugdj hp fuvlf d h dvñqvñd p xñs d f lgdgh s uhvqvñ qdv glq p lf dv s vfr o j lf dv h s vfr vr fldlvgr v vxñlv vñxp d q r v. Ewd s hws hf vlyd lqvñuñhf l r qdoghvñf d ghvñj xddgdghv, s dylo j lr v h ghv d qgdv, fr qvñs r qgr -vñ d der ugdj hqv xqlyhu d d" dqvñv h hvñqfldd vñd, h æq d æ" vr euh d fr p s dñ| lgdgh gr v vñ up hqwr v s v t xlf r v (Hr hñ hu, 2022).

Awlp, vñ id" qhfhvñ ur s hqvdu r s ds ho gd hgxf d r qd s ur eñp dvñ" d r gdv fr qvñ hv gh lghqvgdghv h glihuq dv, wad" hqgr æ" t xh wñvñ gh klhudt xl" d r ghvñv p r gr v gh vñu Pr udlqwr, d

lqvwuhfflr qddgdgh gldaj d vreuh d qfhhwlgdgh gh uhs hqvdu r dduhgxfir qlw, t xh qrv s hup lvh yhur vxrlw ds hqdv dwly vgh xp d qlfd lghqvgdgh, h q r gh ir up ds axdps r up hlr gdp dlv ydudgdv ir up dv gh vuh hwduqr p xqgr (Odyhlud & Fhudu, 2018).

Dhwd ir up d, wuqdvh lp shudmyr lqvij udu glvfxw hv vreuh lqvwuhfflr qddgdgh qd ir up d r hp Pvfr aj ld, sr lvh id" hwhqfldovxdlqj xadufsd f lgdgh gh uhd" dudq dhvp dlv ds ur ixqgdgdv gdvfr p s d l dv ir up dv gh gr p lqd r hqiuhqvgdvs r us hwr dvt xh vh hqfr qwdp qrv glyhuvr vp duf dgr uhvvr fldlv. Sxdv dqvuv surs lfdp xp dfr p shhqv r shflvd h deudqj hqv ghv dv glq p lfdv lqvlf dgdv, ghwdf dqr dvlqvuf r qh l hv hqwh ud dv, j qhur v, vh l xddgdghv h fawhvvr fldlv t xh lqia hqfldp dv h l shu qfldv lqglylxdlv. Ar lqfr us r udu hwd shws hfvyd qd ir up d r, dsvlf aj dv r v/hv s r ghp r iuhf hu d hqglp hqv p dlv lqf avlyr h vqvyho fr qwlexlqgr dwlp s d d xp ds u vlf d p dlv vlf d h hild".

### Q'uey CHÉAxÓ Àxy ÉÓv'yí'Ö'xuxy

Ewd fawh wd" hp vxdv glvls dgdv dv ds u l lp d hv gr fdp sr gd Pvfr aj ld fr p dsv hws hfvydv v ufdv uaf lr qdgdv dr j qhur, vh l xddgdgh, ihp lqlvr h s r s xad r LGBTQIA+, dwlp fr pr dsv hvr v gd sur gx r gh vxerhlylgdgh. Ewdv glvls dgdv exv fdp uhdvuvr euh fr pr, h gh t xh p dqlud hwhv fr qfhlvr v g r vxw hqv r vsu vlf dv s vfr o j lfdv, fr qvlghudqr dv glyhuvd glvfxw hv, dfr qvuf lp hqv v h fud r gh gr f xp hqv vt xh r uhqvdp d d x d r ghwhvs ur ilwlr qdlv.

Mdvr (2019), dilup d t xh d vxerhlylgdgh xp vlvhp d t xh qrv s hup lvh hqv hqghud s vlt x kxp d qd q r dwly vgh vxd iudj p hqv r, p dvghylgr vxd qdv uhd" dfr p s d l d, p xad f hvdgd, hfxwlyd, fr qw dglw ud h lp shylvyho lwr v h glw d qld gh der ugdj hqv t xh s r f xudp vlp s d l fdu r vhu kxp dqr hp h l shw hv vlp s d wlv. Pr uhwd ud" r, v h id" hwhqfldovxdlqj huhp v h hvr s r v ufr dv lqia qfldv t xh dsv hws hfvydv gh j qhur, vh l xddgdgh h u d d fduhvd qd ir up d r gh vxerhlylgdgh gr vxrlwv (Mdvr, 2019).

Pr udlqv, v h id" qfhhw ur hqidv dud lp s r uwqld gh der ugdur s ds hogd Pvfr aj ld fr pr xp fdp sr gh fr qkhf lp hqv f hqv dgr qdv vxerhlylgdghv, fr p d uhs r qvdelgdgh gh fr qwlexlvr fldp hqv. Nhwh v hqvgr, fuxldot xh d Pvfr aj ld ufr qkh d v d lqia qld h d xw ugdgh s d d s ur p r yhud hv f xvd vlyd h dgr vdu s r vxudv yr dgdv s d d d hdp lqd r gh glvfxw vt xh s hws hvd p ylr o qld h glv up lqd r fr qwdr v glyhuvr j xs r vp lqr udu r v (Ap d d h w d o, 2021).

Pdud t xh lwr r fr ud, v h id" lp s r udlqv hqj eduqr vfxwfxo vglvfxw hv gh j qhur h vh l xddgdgh qrv s r f hwr gh ir up d r, r t xh lp s d f d hp hvd eh d f hu p h f dqlvr v s d d w udu hylghqv dv fr p s d l dv glq p lfdv t xh j hud p h s hws hvd p dv ghv l xddgdghv qrv p hlr vvr fldlv. Tdlv glq p lfdv v r s ur ixqgdv hqv lqia hqfldgdv shd dp elhqv f xaxudo h vr fldo h p xlv y h" hv v h uhdvhp qrv vlvhp dv t xh p r d p r v f xwfxo vgr vfxw v gh Pvfr aj ld (Awlv, 2018).

Pr ulwr, uhdvuvr euh d v d l gh d x d fr pr xp dp elhqv gh qh j r fld r h glvs xvd hwhqfldos d d fr p s hqghut xh, dwlp fr pr r f xwfxo, d p e r v v r lqw qldv hp fr qw dqv fr qwax r. Edv hp h j hp gdv fr p s d l dv u d h v gh s r gh u h fr qkhf lp hqv, ghvhp s hqkdqr xp s ds ho ixqgdv hqv d o qd ir up d r h fr qwax r gr v vxrlwv. Awlp, fuxldo ufr qkhf hu h d qddvdu gh p dqlud fu vlf d dv lqvud hv hqv hwdv glyhuvd ir u dv t xh lqia hqfldp r v hvs d r v h g x f d v y r v, h fr p s hqghu fr p r hwdv lqvud hv lp s d f v d p qd ir up d r gh lghqvgdghv h fr qkhf lp hqv v (Odyhlud & Fhudu, 2018).

Dlvfxwlu hwdv vnp vlf dv qd j udgxd r hp Pvlfr σ j ld, lp s d f d hp xp p dlr u s r v l f l r q d p h q w g d v i x w u d v s u r i l w l r q d l v s v l f σ j d v / r v / h v f r q w d s u v l f d v, w f q l f d v, p r y l p h q w v, s r w x u d v h g l v f x u r v t x h f r q w l e x h p s d u d v u h y h u e h u d h v g h g l v f x u r v k r p r i e l f r v, p d f k l w d v, p l v j l q r v, v h l l w d v h d v p d l v y d u d g d v i r u p d v g h y l r o q f l d h s u h f r q f h l w .

## QĀĀĒ'xyĒ ŷĒz'Āu'Ē

O r e r h v l y r f h q w d o g h w h h w x g r i r l h l d p l q d u d l q v h j u d r g d v g l v f x w h v v r e u h d f r p x q l g d g h L G B T Q I A + q r v f x w f x σ v g r v f x u r v g h P v l f r σ j l d g d v l q w l x l h v s e d f d v g h h q v l q r v x s h u l u g r N r u g h w h . l w r s r w l e d w x d r e v h u y d r g d v g l y h u d v s h u s h f v l y d v h u f d v h h s l w h p r o j l f d v t x h w p j x l d g r h w d v g l v f x w h v q d j u d g x d r . D h p r g r j h u d s h u f h e h - v h t x h h l l w h x p d y d q r q r v g h e d v h v g h w h v w s l f r v q d i r u p d r h p P v l f r σ j l d , m t x h 73% g d v g l v f l s d q d v t x h d e r u g d p h w d v v n p v l f d v v r r e u j d w u d v . P d u d v d q w , d l q g d v h i d " g h x p d l p s r u w q f l d t x h v d l v v n p v l f d v s x g h w h p v h u p d l r u h l s u h w l y l g d g h q r v f x w f x σ v g h i r u p d r g d / r / h s v l f σ j d / r / h .

A w d y v g d v g l v f l s d q d v d q d d v d g d v , v d p e p i l f r x s h u f h s w y h o d s u h r f x s d r h p g h e d v h u d v v n p v l f d v d w d y v g h x p d s h u s h f v l y d v l f d , f r q v l g h u d q g r r v g l u h l v v k x p d q r v h w g r v r v i d w u h v s r o v l f r v , v r f l d l v h f x o x u d l v t x h s h u s d w d p r v v n p d v . C r p s u h q g h q g r - r v g h x p d i r u p d l q v h u h f l r q d o f r p d v g h p d l v v n p v l f d v f r p r u d d h f d w h v r f l d o

E p e r u d r v h w x g r v t x h y h u h p v r e u h d f r p x q l g d g h L G B T Q I A + q r v h r d p d s u q f l s d o q i d v h q d i r u p d r h p P v l f r σ j l d , f u x f l d o t x h h w d v v n p v l f d v v h r d p d e r u g d g d v h g l v f x v l g d v q r d s h q d v g h i r u p d l q v h u g l v f l s d q d y p d v f r p r d w x q v r v f h q w d l v . l w r h q y r g h s u r p r y h u g l v f x w h v h g h e d v h v r e u h r v d e h u i d " h u s u r i l w l r q d o f r q y l g d q g r f r q w d v n p h q v h d u h y l v l w d v v n r u d v s v l f r o j l f d v v r e x p d s h u s h f v l y d f u v l f d h d d q k d g d d r v p r y l p h q w v v r f l d l v .

P r u d q w , v h i d " l p s u h v l q g y h o l g h q v l f d u d v d f x q d v , e d u h l u d v h g h v d i l r v h q f r q w d g r v q d i r u p d r , s d u d t x h d w l p v h s r w d f u d u i h u d p h q v d t x h s h u p l v d p d s u p r u d u d s u v l f d s u r i l w l r q d o h s r w l e d v h u i d v l u v r e u h t x d l v i d w u h v , s d u d d o p g d u h s r q v d e l d g d g h g d v l q w l x l h v h g d v x s r v l r g h i d o d g h l q v h u h w h s r u s d u h g r v d o x q r v , h w r s u h v h q v h v q d i d o d g h g l v f x w h v v r e u h d v g h p d a g d v g h j q h u r , v h l x d d g d g h , u d d , g h q v h r x w r v .

E p u h x p r , r v u h v x o d g r v g h w d s h v t x l v d v r u h v l v v d x p f r q v h l w k l w u l f r h f x o x u d o h v s h f i l f r , f r p s d u l f x o l u d g d g h v t x h q r s r g h p v h u j h q h u d d " d g d v . E w d l q y h w l j d r q r d e u d q j h w g r v r v d v s h f w v g r r e r h w g h h w x g r , v x j h u l q g r d q h f h w l g d g h g h i x w u d v s h v t x l v d v t x h d e d u t x h p , s r u h l p s σ , r f x w f x σ r f x o r h i d d x p d p d l r u l q y h w l j d r q d e x v f d s h o v s h u s h f v l y d v g r v s u r i h w r u h v h d o x q r v g h f d g d I E S .

## f yzyĒ ĀwūĒ

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D r f v f q P 1 V Y l z h n x / M M E Y ( P f z w h r t / D 1 F 1 - 5354 , 1 P r h v u t q y h f x i j v j x x y s h r i s f f y z f t u x r u v r g g r f y l f j x f h j w l f i f h x n j y v r s t w f h t r t v j l z q i t v i t h z n i f i t j r x f i j 1 V j r r s v a l s j y w f h r t s f q l f " j s i t J s j w 451 - D s f r x j g j y w s r h t x , l q v l s t u t q x 1



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j s x s t f h f i r r h t l ' G n x j y f t i j P j x y v r i t / X s ñ j v ñ i f i j l j i j v ñ q j J t n x b S w l v ñ r f i j S x O l v ñ i z f t j r  
Sxrh q l r i l J t n x l

Et h p / D 1 P 1 E Y ( J r i s k q t s r P 1 K 1 - 5 3 4 3 , 1 G n j y r t x K z r f s t x s t j s x s t i j u x r h t q l r i l U j | r x y f S x r h t q l r i l = b x s t (   
l t w f t / 4 - 5 , / < 0 4 4 8 1 L V Q 5 4 : : 0 5 3 9 4

E v f x r q - 5 3 4 < , 1 P r s r x y v ñ i f H z h f t 1 F t s x j q r t Q f h n t s f q i j H z h f t 2 F r f w i j H z h f t V z u j v ñ w U j | r x t i f x  
G n j y r t j x F z w h z d j y x Q f h n t s f r x - G F Q x , i t x F z w t x i j J v i z f t j r S x r h t q l r i j j x y f g j q h m j s y t i j s t w f x  
u f v ñ t S w r g y t S j i f l l r h t F t r u g r j s y f w 5 S F , u f v ñ f l t w f t i j S w k j x t v j x i j S x r h t q l r i l U j h z u j v ñ i t  
i j nyux=22st w f y l f x h t s x j q r t x r j h 1 t l t g v 2 s t w f y l f 2 u i k 2 F Q H b S D U d F Q H F H V Q 4 3 : 4 5 3 4 < l u i k

F f r f w t / E 1 Y 1 - 5 3 3 8 , 1 D C F H W H X r u w l v ñ r f r s k t w y h t i j f s q j v z f s y r f y l f i j i f i t x y j S y z f r l s P t v j r w / D 1  
V 1 S 1 P t v j r w > E 1 Y 1 F f r f w t > M F 1 M x z s t > V 1 P 1 Q g v l f - R w x l / S j u u j h y l f x j r v h t 0 j y t i t q l r h f x j r  
j y u v j x j s y f j x x t h r f r x u 1 8 4 4 0 8 6 < , 1 M t S j x t f = H r y t v ñ i f X I S E 1

F f v l f q r t / O I U Y ( i t x V f s y t x V m t / H I U 1 - 5 3 5 5 , 1 D s q j K r x y v h f i f x S t q r h f x S g a h f x u f v ñ S t u z d t O l E W s t  
E v f x r q j l s y v ñ f h x h t r f S x r h t q l r i l S j u u j h y l f x j r D s q j i t F t r u t w f r j s y t / 4 6 4 , / 4 3 5 0 4 4 < 1  
nyux=22i t r t w 2 4 3 4 ; : 9 4 2 Y H P 1 7 8 9 4

F f v l f q r t O j y r f x / P 1 Q Y E j s y l r / G 1 U 1 F Y ( V f s i f q / K 1 - 5 3 5 5 , 1 G r j v ñ i j s f u x r h t q l r i l s D 1 Y 1 E 1 E f x y t x - H 1 / T z j r  
k " f u x r h t q l r i g v f x r q r w B = z r t q r f v x t g v j t u v j x j s y u f v ñ h t s x y z v n t k y z v r = k t w f t j r s x j w t s t r z s i t  
i t y w g f q r t = t q r j L u u 1 8 7 0 5 , 1 F I S 1

F t s x j q r t l j i j v ñ q i j S x r h t q l r i l - 5 3 3 8 , 1 F i n t i j y h f S w k x x n t s f q i t S x r h q l t 1 E v f x q i / G l = t f z y t w  
nyux=22xry hku t w t g v 2 ~ u 0 h t s y s y 2 z u q f i x 2 5 3 4 5 2 3 : 2 h t i n t 0 j q y h f Q u x r h t q l r i l u i k

F t s x j q r t l j i j v ñ q i j S x r h t q l r i l - 5 3 4 ; , 1 U j x t q t s 1 4 3 / i j 5 : i j r f w t i j 5 3 4 ; 1 G n x j x t g v f r s h q x t i t s t r j  
x t h r f q s f h f v j r w i j n i j s y n f i j u w k x x n t s f q i f u x r h q l f j i t u x r h q l t j i t z y v x u w | n s h r f x 1 E v f x q i / G l =  
F t s x j q r t l j i j v ñ q i j S x r h t q l r i l U j h z u j v ñ i t i j nyux=22xry hku t w t g v 2 ~ u 0 h t s y s y 2 z u q f i x 2 5 3 4 ; 2 3 7 2 V H d F I S O  
3 3 6 : 4 : 6 0 U j x t q t l u i k

F t s x j q r t l j i j v ñ q i j S x r h t q l r i l - 5 3 5 5 , 1 U j x t q t s ; 2 5 3 5 5 1 H y f g j q h j s t w f x i j f y z f t u f v ñ u w k x x n t s f r x i f  
u x r h t q l r i j r v j d t x g n x j S z f q i f i j x j i j r f r x t w j s y f j x s t r t s t x j S z f r x 1 E v f x q i / G l 1  
nyux=22f y t x t k h r i r x h t r t g v 2 h k u 2 j x t q h f t 0 t q S j v ñ r h t Q u w k x x n t s f q s Q 0 5 3 5 5

F t s x j q r t l j i j v ñ q i j S x r h t q l r i l U j x t q t s 3 4 2 4 < < = H y f g j q h j s t w f x i j f y z f t u f v ñ t x u x r h q l t x j r  
v j d t v z j x y t i f t w j s y f t x j S z f d E v f x q i / 5 5 r f w 4 < < < ' f h j x t j r 4 5 d s 1 5 3 4 8 b G n x u t s | j q j r =  
nyux=22xry hku t w t g v 2 ~ u 0 h t s y s y 2 z u q f i x 2 4 < < < 2 3 6 2 j x t q h f t 4 < < < d 4 l u i k

F t s x j q r t l j i j v ñ q i j S x r h t q l r i l U j x t q t s 3 4 2 5 3 4 ; = H y f g j q h j s t w f x i j f y z f t u f v ñ f x u x r h q l f x j t x  
u x r h q l t x j r v j d t x u j x t f x y f s x j S z f r x j y f | j x y r x 1 E v f x q i / 5 < d s 1 5 3 4 ; 1 G n x u t s | j q j r =  
nyux=22xry hku t w t g v 2 ~ u 0 h t s y s y 2 z u q f i x 2 5 3 4 ; 2 3 4 2 U j x t q ' F 6 ' D 6 ' D 6 t O F I S O 4 0 5 3 4 ; l u i k

G j P t w r x / N I U Y i j V t z x f / M T Y D q f v j s l f / O I Y ( i j V t z " f D r f v q V I F 1 - 5 3 5 5 , 1 D n j s y n f i j x t h r f q i f h t r z s n f i j  
O l E W h t s y m g z n j x i f V t h n q s l z x y h f u f v ñ f j x i j u t q r h f x u g a h f x 1 U j | r x y f S m a q q l z w / 5 ; + 7 V z u d / ; 3 0  
; ; 1

l j vjrv/V1U1-5354,1Ftsywgzn j x i f uxht q l r i j xht q v j j i z h f h n s f q s f x i r x h z x x j x f y z f r x x t g v j x j Šz f q i j j s t  
ht s y j Šy t j x h t q v -G n x j v f t i j r j x y v i t /F j s y v X s h j v a y v a X s n i f i j j H s x r s t V z u j v a w G t r E t x h t ,1  
myux=2jvutxryt va zsi g j i z b v a x u z n m s i q 2 f v j f x 2954

J j x j w P 1-5346,1St q y h f x u g a h f x j i n j r y t x n z r f s t x = i j x f k t x f y z f t i t S x r h q l t 1 S x h t q l r i = h n s h r i j  
u v r k a x t /66/990 : 1

J t r j x /Y 1 l V f y n j w F 1 Q 1 ( i j l f v i x /P 1 G 1 l 1 O l -5355,1J s j w /v f /x j Šz f q i j j h q x j s t x u w q y t x u t q y h t 0  
u j i f l l h t x j r h z w t x i j u x h t q l r i 1 K t w l t s j x /734/,j 35535: Q 35535: 1

K t j u j w / D 1 G 1 -5355,1 S x h t q l r i x t h r i q r s y v j h h r s f q i j j u w h j x t x i j x z g g y h f t 1 F t s / j w f x j r  
S x h t q l r i /64/,470471 myux=2i t r t w 243 66: : 52 h t s j j w f x u x h t 1 6 s 4 f 5

K t t p x /E 1-5333,1 l j r r s x r t u f v r y t i t r z s i t = S t q y h f x f w j g f i t v i x 1 H r y t v r U t x f i t x V j r u t x 1

N f s y /O I P 1 ( V f s y t x /Y 1 V l i t x 1-5354,1 R z x t i t x t k y f v j W D P X W H T s f s a p j i j h t s y j i t O j x y z i t h t r u f v r y h t  
j s y v t x y w g f q r t x i j h t s h q x t i j h z w t i t S w k H W j t x v j k j v s h r i r x i t u v r l v r f 1 U j x j f v a n d V t h j y f s i  
G j / j q u r j s y /437/,j ; 543746: ; 91 myux=2i t r t w 243 6677: 2 x i Q 43 r 7 46: : 9

N w a p x /J 1 P 1-5353,1 X r f f s a p j h w y h f x t g v j t x f s y j h j i j s y x i f r s y v j h h r s f q i j j 1 U j / x y f H y z i t x l j r r s x y f x  
5: /j 8983<1

O n f /H 1 l 1-534<,1 R l f " j v a s y v j h h r s f q s t y w g f q r t i j j i z h f t j r x j Šz f q i j j 1 U j / x y f i t F j s y v i j S j x v z x f j  
l t w f t / t , / < 804351

O n f /P 1 O I F 1 ( P f d n j w F 1 P 1 l 1-534<, S t w z r f u x h t q l r i O j x x y s h r i = z r f f u t x y f s f x q i s y j x i j h t q s r i r x l s P 1 l l E 1  
V r g t w a p /P 1 O I F 1 O n f 1 D 1 O I P 1 Q j | j x -R w x , S x h t q l r i V t h r i q s f D r f " s r f -u u 154068, S t w t D q l v j = D g v r u x t 1  
Q z w /J 1 O l -5333,1 S j i f l t l r i x i f x j Šz f q i j j 1 H J 1 O l Q z w -R w 1 / R h t w t j i z h f i t = u j i f l t l r i x i f x j Šz f q i j j  
-Š u j i Y u u 1: 067,1 E j q K t w l t s y j = D z y s y h f 1

P f h n f i t /O I D 1-5354,1 F t s y w g z n j x i t u j s x f r j s y t k j r r s x y f s j l w r s y v j h h r s f q u f v r f H z h f t j r G n j r y t x  
K z r f s t x 1 U j / x y f F t s y j r u t w s j f i j H z h f t 149-6: ,/54; 069 myux=2i t r t w 243 638332 h j 1 49 r 6: 177< 3

P f y t x /F 1 D 1-534<,1 R i j x s | t q m j s y t x z g g y h t i t u x h t q l t j x h t q v a j k j S j x x t g v j t x u w h j x t x i j f y z f t j  
k t w f t u w k x x t s f q ' G n x j v f t i j P j x y v i t /X s h j v a n i f i j j E v r x q i b U j u t x r y v a l s x y n z h r s f q i f X s E 1  
myux=2jvutxryt va z s g b v m s i q 2437: 52683: 8

P f y t x /D 1 U 1 ( F n i f i j /P 1 O l U 1-5349,1 S f v r u j s x f w f h x n j y w s t w f y h i n f i j s f u x h t q l r i = q j x y t r f i f x i t  
y f s x l j r r s x r t 1 U j / x y f S j v a i r h z x /48/,46504861 myux=2i t r t w 243 k : 42 u j w l 4 r 8 4: 4; 4

Q f x h n j s y t /V 1 i j V 1 l -5355,1 H u x j r t q l r i x y f s x l j r r s x y f x s j l v i x = u j w u j h y h f x j i j x f k t x u f v r z a n j v a n i j x  
r q n u q x 1 H y z i t x K a y v a h t x -a G j A l s j n v r /,68 t : ,/87; 08: 61 myux=2i t r t w 243 48<32/54: ; 047<753553644

R q j n v /G 1 D 1 G 1 ( l j w i w /D 1-534; ,1 l s y v j h h r s f q i j j /l s j w /x j Šz f q i j j v f = t x i j x f k t x j f x u t y j s h r i q i j j x  
s f s j s t i j t z y w x h z w h z q x 1 G r h j v a n i f i j H H z h f t /94/,5405<1 myux=2i t r t w 243 475<82 j 1 9 r 4 1 567

S j v j n v /G 1 l Y j t s h f q j x /F 1 Y 1 f V a q f /F 1 P 1 ( H p n f w y /l 1-5355,1 R u j s x f r j s y t i j h t q s r i q s f u x h t q l r i g v r x n j n v 1  
F t s n j h n j s y t ( G r h j v a n i f i j /4765, /4; 404<61

U r g j n v /F 1 M P t v j x /F 1 i j l Y ( N a l j w Q 1 U 1 P 1-534<,1 D z s h j v a n i f i j j t x h t w a t x r s | r x r g a f i t x = S f v r x j u j s x f v t  
h t w a t Q E W G r h j v a n i f i j j H z h f t /: -Š, /68: 06: 51

V f q x /U 1 \_ 1 ( J t r j x /W P 1-5353,1 l t w f t j f y z f t i t u x h t q l t s f x u t q y h f x u g a h f x j s t F H U D P = h t s v z x y f x  
j i j x f k t x 1 E v r " r a f s A l z v f q t k G j / j q u r j s y /98, /5: ; 4<05: ; 561

Vfsyt x/OIQ1-534: ,1R htr uwr nxxt xt hrf q fuxht q l rfi=Xr jxyzit xt gwt i jxs|t qm jsyt i jzr uwqyt hwymt 1  
Hj xj i j Gtzyt wri t,/Stsynkhri Xs rj wri fi j Ffy qnf i j V t Sfz q 1  
Vrf/OIF1[ 1G1( lx'fr f/K1l 1-5353,1Xr ffs qj i fxut qnf x u gnf x i j q"jwufw f utuzq t Q EWj r Ej q  
Ktwt syj 1P ty q r s hri/65-06,1

# Oi hc Qi WORc Rc g df c TWgW bOWJ Sa gSf j Wc g RS OhSbRW Sbhc O a i \_VSf Sg j hW Og RS j W\_ bQWH Sj Wj c RS SgQc dc

VHQ QF DUHR I SUR I HWIR QDOV IQ FDUHVHUYE HV I R UZ R P HQ YIE WP V RI YLR QHQF H VFR SIQJ UHYLHZ  
ZuÉ'Áy RuŌ'x OÁxÉuxy guÁÍ ÂÉ 4XÀ'ÉÁÁ dyÉy'Éu xu g'ÉŌu 4\_yÁÁÁÉa uÉ u QuÁÍyÉu SÉÁ'ÁÁÉu 4a uÉu RuÁÍuÉ  
dyÉy'Éu

## f yÉŌ³ À

Ewn vadeddkr r erhvlyr x ghvf uhyhuv hylg qf ldv flhqwlfl dv vr euh dv su vlf dv gh  
dxwfxlgdgr gr v s ur ilwlr qdlv gh glihuqhwhf w w z r unlqj lq fduh vhylyf hv ir uz r p hq ylf vlp v r i ylr qh qf h. Tr vlv hqg, d vfr s lqj uhyllhz z dv hiihf vnh lq dffr ug dqf h z lvk vkh  
dvhqglp hqwr v p xdkuhvy vlp dv gh ylr o qf ld. Pdud vdwq, uhdó"r x-vh xp d  
thylv r gh hvfr s r hihvxdgd hp fr qir up lgdgh fr p dv thfr p hqgd hv gr Tk h  
Jr dqqd Bulj j v lqvwlvh, hp txdwr edvhv gh gdgr v, vhj xlggr r fkhf ndw  
Puhihuqg Rh s r ulqj lvhp v ir uS' vnhp dvlf Rhyllhz v dqg Mhvd-Aqdó vnh h| vnhqlr q  
ir uSfr s lqj Rhyllhz v, hqvnh 2015 h 2021. Ov vnhv hwxgr v lqf x gr v hylghqf ldu p  
r s ds hogh s ur vnh r gdvs u vlf dv gh dxwfxlgdgr hp s ur ilwlr qdlv gr v glihuqhwhf  
vnhv thv gh dvhqglp hqwr v p xdkuhvy vlp dv gh ylr o qf ld. Oevhuyr x-vh t xh hwdv  
s u vlf dvv r ixqgd p hqvdlvs duds dhyh q r h s ur p r r gdvd gh p hqvdlq hwhv  
vadeddkdgr thv. Dhylgr lp s r uwqf ld gd vnhp vlf d, id"-vh xp fr qylvh s d d t xh  
w gr v r v s vlf j r v, hwxgdqvnhv gh Pvlf r j ld h j hww thv gh edvdp, s hvt xlvhp h  
dp s dhp hwd glv xw r.

**du²uŌÉÉSw-uŌy:** Axwfxlgdgr; Vlr o qf ld; Sd gh r fxs dfr lq qdo

## OvÉÉv

Tklv wxg' dlp hg w ghvf ueh vkh vflhqwlfl hylghqf h r q vkh vho-fduh s udf vlf hv r i  
s ur ihwlr qdov iur p glihuqhwhf w w z r unlqj lq fduh vhylyf hv ir uz r p hq ylf vlp v r i ylr qh qf h. Tr vlv hqg, d vfr s lqj uhyllhz z dv hiihf vnh lq dffr ug dqf h z lvk vkh  
thfr p p hqgdv r qv r i Tk h Jr dqqd Bulj j v lqvwlvh, lq ir xugdv edvhv, ir x z lqj  
vkh Puhihuqg Rh s r ulqj lvhp v ir u S' vnhp dvlf Rhyllhz v dqg Mhvd-Aqdó vnh  
h| vnhqlr q ir uSfr s lqj Rhyllhz v fkhf ndw ehvz hq 2015 dqg 2021. Tk h vhyh q  
lqf xghg wxglhv hylghqf hg vkh s ur vnf vlyh u d r i vho-fduh s udf vlf hv lq  
s ur ihwlr qdov r i vkh glihuqhwhf w w lq fduh ir uz r p hq ylf vlp v r i ylr qh qf h. Ivz dv  
r evhuyh g vkdwkhvhs udf vlf hv duh ixqgd p hqvdlw vkh s dhyhqlv r q dqg s ur p r vlr q  
r i p hqvdlkh ddk lq vkh vnh z r unhw. Dxh w vkh lp s r uwqf h r i vkh vkh p h, dq  
lqylvlv r q lv p dgh w dds v fkr s j lwv, PV fkr s j ' wxghq w dqg p dqdj hu w  
ghedv, thvdv k dqg h| s dqg vlv glv xwlr q.

**ZyaÚÁÉÉÉ** hó-fduh; Vlr qh qf h; Offxs dvr qd kh ddk.

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Dr xw uhp Pvlf r j ld shd  
Uqlyhuwlgdgh Cr p s xlvqh gh  
Mdgul (UCM). Pur ihwr ugr  
Pur j udp dgh P v-Gudgd r hp  
Pvlf r j ld (PPGPSI), Uqlyhuwlgdgh  
Fhghudogh Shj Is h (UFS).

Dr xw ud hp Pvlf r j ld Sr fldo  
s hdl Uqlyhuwlgdgh Axwqr p dgh  
Bd f h r qd (UAB). Pur ihwr ugr  
Dhs duvdp hqwr gh Pvlf r j ld  
Sr fldo Uqlyhuwlgdgh Axwqr p d  
gh Bd f h r qd/Evs dqkd à UAB.

Dr xw ud qgd hp Pvlf r j ld,  
Uqlyhuwlgdgh Fhghudogd Bdkld  
(UFBA).

**Sx'fÁÉuÉÉAwuxÁH** hndqd Odyhlud  
Cr hdkr

**f yvrv'xÁy³** H24/03/2023

**Ovy'fÁy³** H23/01/2024

**dŌv²wuxÁy³** H23/12/2024

**Q'fue** Sdqwr v, K. D. A., Sloyd, J. P. gd,  
Evs lqr vd, L. M. C., & Phuhlud, M. D.  
(2024). Axwfxlgdgr gr v s ur ilwlr qdlv  
hp vhyly r v gh dvhqglp hqwr d  
p xdkuhvy vlp dv gh ylr o qf ld:  
Rhyly r gh hvfr s r. *Mr vdlfr: Evwxgr v  
hp Pvlf r j ld* 12(1), 241 à 251.



## WÍÉAxÓ À

Nr Budvö þp 2006, d Lhl q<sup>0</sup> 11.340 r x Lhl Mdld gd Phqkd hwdehdf hx p hf dqlvp r v s dud uhs ulp lu h lp s hglur vfdv vgh ylr o qfld fr qvdd p xdkhu fr qfhlwv, s ulqf s lr v, gluhvdl hv h d hvs dwdldp dvhudgr vlgdv s hør vdw uhvlp hwr vhp fr qvhl v v lqvwlx flr qdlv. Dh dfr ugr fr p hwh gr f xp hqw, r vfdv vgh ylr o qfld fr qvdd p xdkhu s r ghp vhudfr d lgr v s r us ur ilwlr qdlv gh vhuyl r v hvs hf ldd dgr v, fr p r : Chqwr v gh Rhihu qfld gh Avhaglp hqw Mxdkhu (CREAMv), Dh dñj dfl dv Evs hf ldd dgdv gh Avhaglp hqw Mxdkhu (DEAMv) h Chqwr gh Rhihu qfld Evs hf ldd dgr hp Awlwwqfld Srfldo (CREAS) (Hr j hp dq q hwdö, 2020). Ashvdu gr v hvir ur v s uhyhqvlyr v lqvwlx gr v s hør dufder x r næuglfr hp t xhwr, r Aqx ur Budvödur gh Shj xud d P edfd, s xedfdgr hp 2018, uhs r uwx xp fuhvlp hqw hp fdv v gh hwx s ur v h ihp lqlf glr v hqwh 2016 h 2017 (Budvö 2018), idv fr ur er udgr s hør d xp hqw gr q p hur gh qr wlf d hv gr v fdv v gh VCM hp vhuyl r v hvs hf ldd dgr v qr qr wr s dv (Buhqg hwdö, 2020).

Nhwh fr qvhl w, r v s ur ilwlr qdlv, t xh dwdp hp vhuyl r v gh dvhaglp hqw v p xdkhu v, v r i hp ylr o qfld, h s hulgldp glyhu dv hp r hv qhj dlydv (h j ., lp s r wqfld, udyd, lwlvd r, f x d, s hqd h daj wld), d s dulugr fr qvdlv fr p dv qdu dvlydv gh y lp dv v euh r v vxv dj uhv r uhv. Ep ixq r glwr, wp -v h s huf helgr q yhlv dør v gh exur xwh gh vdwqr ugr gh hwhhwh s v-wd xp vfr vhf xqg ur (Phqr hwdö, 2010), xp d fr qgl r foqlf d fduf vnu dgd s r ugr lv h dhp hqw v s ulqf s dlv: d) xp d dlvx gh s hwl p lwd, fduf vhuwlf d gh t xdgur v glwr fldvlyr v h s vlf vfr v; e) uhylyhv qfld gd vlx d r wdxp vfr d dvhagld (Buddnp dq hwdö, 2009).

Pr uvdvlu v h gh xp ihq p hqr fr p s dñ r, d dvlwwqfld v p xdkhu v y lp dv gh ylr o qfld uht xhuxp d hvfxvd dlyd gh ir up d hp s vfr d s r us duh gr s uhv dgr ughwh vhuyl r. Up d dlvx gh hp s vfr d, qr hqvdlw, qhf hwlvd vdw gh r uhqvdl r fr qvflhv h yr xqwld gr lqvhu f xw u s dud hqv hqghu r xwr, t xdgwr gr glvfxwr gr p hvp r h r vlj qlilfdgr t xh d p xdkhu dvlwlgd fr qfheh s dud r vhx glvfxwr, vxdv hp r hv h yly qfldv. Tdoidv s r gh ghv hqf dghd xp ghvj dwh h xp d h s r vl r dr v hihlv v gd wdxp dñ d r ylf ud t xh v h wdgx s r up xgdq dv, qr v hvt xhp dv fr j qlvlyr v h gh fuhq dv, r f dvlr qdgdv s hør fr p s ur p lwr hp s vfr fr p dv h s hul qfldv wdxp vfr dv gdv dvlwlgdv (Cdp s r v-lgdohwdö, 2017).

Ao p glwr, hwhv s ur ilwlr qdlv ylyhqlf d p vdw p dv gh dqlv hgdgh h ghvj dwh hp r flr qdof dxvdqgr d wdxp dñ d r gdv ht xls hv p xols ur ilwlr qdlv h, s r up hlr glwr, fudp -v h fr qgl hv s dud d uhs ur gx r gd ylr o qfld qr vdeddr, uhvxdqgr hp s u vfr dv gh dv glr gh p r udo (Au q & Løqr v, 2004). Alqgd, r v dxw uhv uhs r udlp ghv dfr ugr v lqvhuqr v hqwh glj q vfr h s ur j q vfr gr vfdv v dvhaglp r v, s u hñ r v qdfr r ughqd r gr vhuyl r v h qd dydd r gr v uhfxwr v ds d dgr v s dud r vfdv v dvhaglp r v. Evs hf lild p hqvhl, r dv glr p r udo s ur s r f l r qd lqvlgd r, ghv yd u d r h dexv hfr q p lfr dvhaglp r v u h d hv klhu ut xlf dv dxw uwdv fr p vhxv vxshur uhv (Qxl r qhv hwdö, 2013). Cr ur er udqgr d fr p s dñ lgdgh ghv d ir up d gh ylr o qfld qr vdeddr, Glq v h Bdur vd (2010) dilup dp t xh hwh ihq p hqr qdvx udd dgr, lqylv hoh qhj dgr ghqwr gh xp fr qvhl w gh dedqgr qr h s dwlylgdgh. Ov dxw uhv vx s udf lvdgr v uhv d d p t xh lwr v dñ w qd hyhqv dlv lp s df w v qhj dlyr v s dud d s uhvdl r gh vhuyl r v gh ds r l r v p xdkhu v y lp dv gh ylr o qfld.

Pdudr hqiuhqvdlp hqw ghv d uddgdgh dgr hf hgr ud hylr dñvdl, qr dp elhvhl gh vdeddr, r dxw f xlgdgr fr qvlghudgr fr p r xp d hwdv j lds uhyhqvlyd gh gr hq dv h gh s uhvuyd r gdvd gh (Cr uhd, 2003). Tvdlv h gh xp dvs hf w fduf vnu dgr s hør fr qvdxw gh f xlgdgr v t xh d s hwr d s ur s lild d vl s dud d f d q dup hkr u t xddgdgh gh ylgd, f x m h l huf flr hp s uhaglp r gh ir up d lqglylgdgr x fr dñvlyd s hør v j ux s r v, s h d l d p d d r x

fr p xqlgdgh. Dhqwr gr v p r gh v gh dxw f x l g d g r , s d u d h t x l s h p x o l s u r i l w l r q d o g h d w l w q f l d v p x d k h u v y v l p d v g h y l r o q f l d , d v v h j x l q v h v g l p h q v h v l q g l y l g x d l v v r f r q v l g h u d g d v , q d l p s d h p h q v d r g h w d v s u r s r w d v : d f r u s r u d d g d g h ; r v p r g r v g h v h q v l u g h s h q v d u h g h d x d u g h f d g d l q g l y g x r ; d s u s u d w d h w u d g r s u r i l w l r q d o r f r q v h l w f x o x u d o v r f l d o h d p e l h q v d o h d p d q h l u d f r p r h w h v l q g l y g x r v h w d e h d f h p y q f x o v f r p r v r x w r v (S h s o g h g d h w d o , 2014).

S r e u h r v h v s d r v g h d x w f x l g d g r , s u p r y l g r v s h a d l q w l w l r s d u d r f x l g d g r g d h t x l s h p x o l s u r i l w l r q d o d v h p v l f d v d v h j x l u v r s r q w v g h g l v f x w r q h w h v o f d l v : d f d j d g h w d e d d k r h d v f r q v h t x q f l d v g d p h y p d , q r w d e d d k r u h d d " d g r ; r x v r g h h w d w j l d v q r v d x g y h l v , s d u d h q i u h q v d u d v h q v r o e l e r u d o d h p h j q f l d g r e l q p l r r q l s r w q f l d - l p s r w q f l d , q d d s u r l p d r f r p d v g h p d q g d v d v h q g l g d v ; r v r e r h v l y r v h d v i r u p d v g h w d e d d k d u h p h t x l s h h g h o p l w d r g d v v d h i d v (H r o x q & V h o " t x h " , 2015). A w l p , f r q v l g h u d - v h t x h d h i h v l y d r g h w h v h v s d r v g h f x l g d g r f r p d v h t x l s h v f d x v h l p s d f w v s r v l y r v q r v s u r i l w l r q d l v h q r s e d f r d v h q g l g r .

C r q v l g h u d q g r r v u l f r v r f x s d f l r q d l v d w r f l d g r v s u v l f d g h d w l w q f l d v y v l p d v g h y l r o q f l d , d h o y d r g r v f d r v g h V C M h r s d s h o s u r v h v l y r g r d x w f x l g d g r , w u d - v h r s r u x q r u h d d " d u x p p d s h d p h q w g d d v h u d x u d v r e u h d x w f x l g d g r g r v s u r i l w l r q d l v t x h d w l w h p f d r v g h y l r o q f l d g h j q h u r . O l q v h u h w h , d w l p , u h v r q g h u v h j x l q v h t x h w r : Q x d l v v r d v h y l g q f l d v g l v s r q y h l v v r e u h d v s u v l f d v g h d x w f x l g d g r g r v w d e d d k d g r u h v g r v v h y l r v g h d v h q g l p h q w d f d r v g h y l r o q f l d f r q w d d p x d k h u S x d h a e r u d r i r l e d v h d g d q d h w d w j l d P C C [ P r s x a e l r , C r q f h l w h C r q v h l w ' ( P h v h u h w d o , 2020), v h q g r P : w d e d d k d g r u h v , C : s u v l f d v g h d x w f x l g d g r h C : v h y l r v g h d v h q g l p h q w d f d r v g h V C M . P d u d h v s r q g h u r t x h w l r q d p h q w h o h q f d g r , h w h h w x g r r e r h v l y r x g h v f u y h u d v h y l g q f l d v f l h q w i l f d v v r e u h d v s u v l f d v g h d x w f x l g d g r g r v s u r i l w l r q d l v g r v v h y l r v g h d v h q g l p h q w v p x d k h u v y v l p d v g h y l r o q f l d .

## a ÍAxÀ

T u d v d - v h g h x p d u y l v r g h h v f r s r , u h d d " d g d f r p e d v h q d v g l u h v d " h v g r M d q x d o g h R h y l v r g r l q w l w x w J r d q q d B u l j j v [ J B I ' ( P h v h u h w d o , 2020). S h j x q g r r v d x w u h v , h w d u y l v r r e r h v l y d l g h q w i l f d u ' h l s d f d u d v s u q f l s d l v h y l g q f l d v f l h q w i l f d v d f h u f d g h x p g h v h u p l q d g r v h p d , h y l g h q f l d q g r d v a f x q d v g h f r q k h f l p h q w h l l w h q v h v , d w l p f r p r s u r s r u r h v f a d h f l p h q w g r v s u q f l s d l v f r q f h l w v s u h v h q v h v q d d v h u d x u d . P d u d h w h h w x g r , d g r w x - v h r f k h f n d w w P u h i h u h g R h s r u l a j l v h p v i r u S ' v h p d v l f R h y l h z v d q g M h v d - A q d o v h v h l v h q v l r q i r u S f r s l a j R h y l h z v [ P R I S M A - S f R ' , x p p r g h o p h w g r o j l f r g h v d g h e d v h d g r h p h y l g q f l d v , ( T u f f r h w d o , 2018), f r p d i l q d d g d g h g h g h v f u y h u d v h y l g q f l d v f l h q w i l f d v v r e u h d v s u v l f d v g h d x w f x l g d g r g r v w d e d d k d g r u h v d x d q v h v q r v v h y l r v g h d v h q g l p h q w p x d k h u y v l p d g h y l r o q f l d .

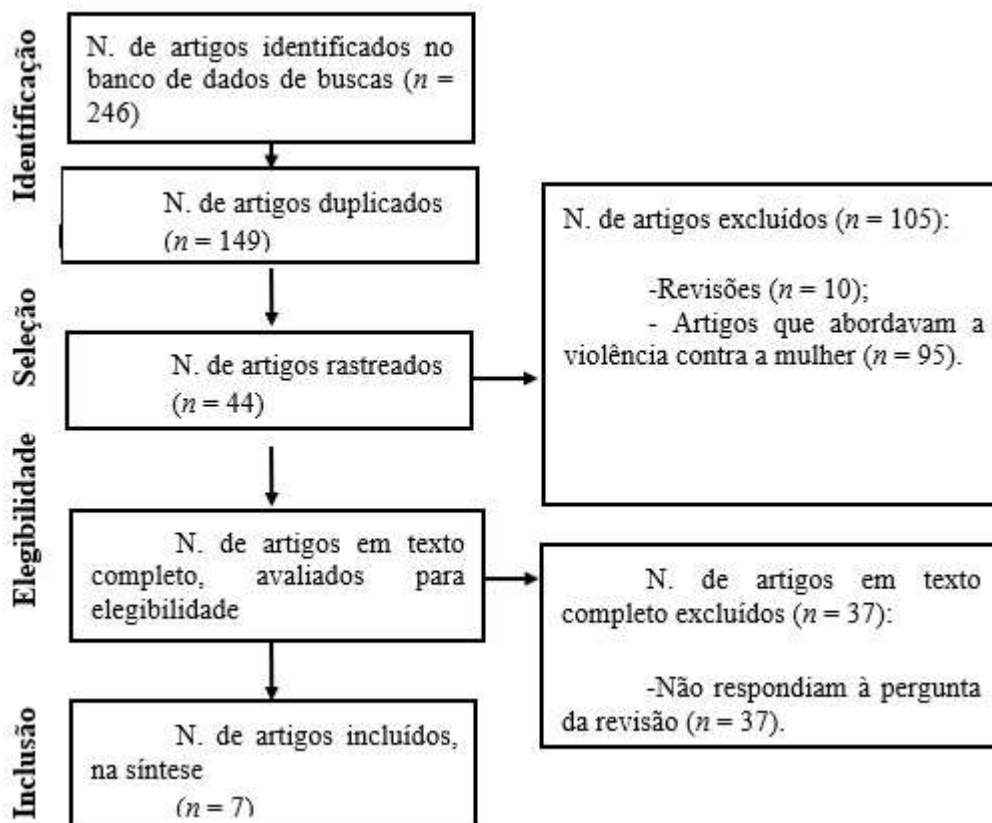
A w l p , s d u d v h x g h v h q y r o y l p h q w , f r p r u h i h u g r d q v h u r u p h q v h , i r u d p v h j x l g d v d u h f r p h q g d h v g r J B I , h q y r o y h q g r d v v h j x l q v h v h w d s d v : g h i l q l u r e r h v l y r h s h j x q v d g h s h v t x l v d ( y h u d l q w r g x r ) ; g h i l q l u f u l w u r v g h l q f o v r ; g h i l q l u h w d w j l d s d u d v h d r h h l w d r g r v g d g r v h e x v f d g h g d g r v q d d v h u d x u d f l h q w i l f d . O v f u l w u r v g h l q f o v r s d u d s u - v h d r g r v h w x g r v i r u d p r v v h j x l q v h v : l g l r p d l a j o v , s r u x j x v r x h v s d q k r o s x e d f d h v h q w h r v d q r v g h 2000 h 2021. A u l j r v g x s d f d g r v h g h u y l v r , p r q r j u d i l d v , g l w h u d h v , v h v h v , h g l w u d l v , f d u d v d r h g l w u d y u r v , u h v x p r v h r s l q l r g h h v s h f l d d w d v r x r v h w x g r v , t x h q r d v h q g l d p d r e r h v l y r g h w d u y l v r , i r u d p f r q v l g h u d g r v f r p r f u l w u r v g h h l f o v r .

A exvfd ir l uhd d' dgd hqwh n d r gh 2020 h r xw e u r gh 2021, qdv edvhv gh gdgr v Sf IELO, INDEXPSI, PV f INFO h Sfr s xv. Av s d d y u d v gh exvfd x v d d' dgdv ir u d p : Ó h o - f d u h i AND Ó u r i h w l r q d o i AND Ó h u y l f h v i r u W r p h q V l f v l p v r i V l r d h q f h i AND Ó v l r d h q f h A j d l q w W r p h q i O R Ó v l r d h q f h i. O v g h v f u w u h v i r u d p l q v h d g r v q r v f d p s r v gh exvfd d y d q d g d h p Ó w x o v i, Ó h v x p r v i h Ó d d y u d v - f k d y h i. C d e h u h v d o u t x h r v g h v f u w u h v x v d d' d g r v h w r l q g h l d g r v q r M h g l f d o S x e r h f w h d g l q j v (MhSH), e d q f r gh Thup l q r o j l d h p P v l f r o j l d, g d B l e d r v h f d V l u x d o h p S d gh à P v l f r o j l d (BVS-Pv) h q r v D h v f u w u h v h p C l q f l d v g d S d gh (DhCS), d w l p f r p r i r u d p d g r v a l g d v r x v d v s d d y u d v - f k d y h f r p r l q v l w r gh d p s d d u d s h v t x l v d v h l v d o

As v d f r d h v l, d v h d r g r v d u l j r v i r l u h d d' d g d s r u g r l v t h y l v r u h l q g h s h q g h q v h v, f r p h l s h u l w h q d u h d g h P v l f r o j l d S r f l d o h, t x d q g r q r i r l s r w y h o r f r q v h q v r, i r l x v d d' d g d d d y d d d r gh x p v h u f h l u r t h y l v r u f r p h w x g r v q r f d p s r gh d w g l r p r u d o h d x w f x l g d g r, q r v a d e d d r gh d v l w w q f l d v y v l p d v g h VCM. P d u d v a l q w, d h v a d s d g h v h d r v h g h x s h a d d h l v u d g h w x o v h u h v x p r v, s r u p h l r g d s a v d i r u d p d R d' ' d q (O x " " d q l h w d o, 2016), t x h d x l d r x d l p s r u d r g r v h w x g r v v h d f l r q d g r v g h i r u p d r u j d q l " d g d h s u h f l v d.

Fr u d p h q f r q v a d g r v 246 d u l j r v, v h q g r 139, g d S f r s x v; 86, g d P V f INFO; 21, g d S f I E L O h 0, g d I N D E X P S I. A s d u l u g d s u p h l u d d q d v h, 149 h w x g r v i r u d p t h p r y l g r v s r u g x s d f l g d g h, w v a d d' d q g r 105 s d u d d h l v u d g h w x o h u h v x p r. P r v h u l r u p h q v h, r v g r l v t h y l v r u h v, g h i r u p d l q g h s h q g h q v h v, y h u l i l f d u d p r v t x h u h v s r q g l d p s h u j x q v a l g h s h v t x l v d r x t x h h v a d y d p g h q w r g r v h p d, f r p v h d r g r v d u l j r v d g h t x d g r v s d u d d h l v u d g r v h l w q d q v h j u d, v h q g r h l f a g r v 105 h w x g r v, u h v x o d a g r h p 44 d u l j r v h d h j y h l v s d u d d h l v u d. D h w h v, 37 i r u d p h l f a g r v s r u q r d v h q g h u d r v f u w u r v g h l q f a v r h, f r p l w r, 7 h w x g r v d v h q g h u d p d r v f u w u r v g h l q f a v r h i l " h u d p s d u h g d d p r v a d i l q d o (F l j x u d 1).

T " " Ó É u : 6 F a / r j u d p d g r s u r f h w r gh v h d r gh d u l j r v g d u h y l v r, P R I S M A - S f R.







Td' σ uhwdo (2019) uhdđ" dđp xp d s hvt xlv d fr p s u ilwlr qdlv gh dđkd gh ds r lr d p xđkhuv lqj dñdv y vlp dv gh ylr o qfld. Nhwd s hvt xlv d, r v s duwf ls dqvñv uhdđ" dđp dv vñj xlvñv hñv dñj ldv gh dxw fxlgdgr lqglylxd dñv lgdgh i vld, ir uhdđ" l p hq w g d v h dñ h v r f l d v h k r e e / h v h j x dñ v. A o p g l w r , r v s u i l w l r q d l v u h s r u d d p d q h f h w l g d g h g d l p s dñ p h q v d r g h v x s h y l v r f o q l f d , f r p r i r q vñ g h d s r l r , g l d q vñ g d v g l i l f x d g d g h h j s h u h q f l d g d v q r f r q v dñ f r p d v p x d k h u v y v l p d v g h y l r o q f l d . E w d i d dñ g h dññ q r f r p r v u v f r v s v l f r w r f l d v g d v w d e d d k d g r u d v , s r u s d uñ g d v l q w l v x l h v g h d f r d k l p h q w d p x d k h u v d j u h g l g d v , v d p e p x p g r v g d g r v d s r q v d g r v s r u h w x g r u h d d " d g r , q d E v s d q k d , h p 2018. F r l f r q w d d g r t x h r d x w f x l g d g r g r v s u i l w l r q d l v f x p s u x x p s d s h o g h g h v f r q h j r f r p r v h w h w r u h v d e r u d l v , d x p h q w g r e h p - h w d u h g h l q vñ j u d r g d v h j s h u q f l d v q r f r q vñ j w d e r u d o O v d x w u h v d dñ u d p , q r h q v d q w , t x h h w h dñt x h g h s u v l f d v s r g h f r q v d e x l u s d u d d u h s r q v d e l d " d r l q g l y l g x d o g r f x l g d u g d v d g h g r w d e d d k d g r u h s d u d d l q y l v l e d " d r g d v f r q vñt x q f l d v t x h d s u v l f d g h dññ g l p h q w d p x d k h u v h p v l v x d h v g h y l r o q f l d s r g h v x v f l v d u (G r p - R r g u j x h " h w d o , 2018). E p 2019, q r p h v p r s d v , x p d l q y h w l j d r u h dñ x t x h d v s u i l w l r q d l v , g d v d w r f l d h v s e d f d v h s u y d g d v g h dññ g l p h q w v p x d k h u v d j u h g l g d v , s h v t x l v d g d v , q d t x h dñ s d v , v l q k d p f r q k h f l p h q w g r v u v f r v h q y r q l g r v q d s u v l f d s u i l w l r q d o h e x v f d y d p d s v l f r vñ u d s l d l q g l y l g x d o f r p r x p d p r g d d g d g h g h d x w f x l g d g r l q g l y l g x d o g l d q vñ g r f r q vñ j w d g r h f h g r u (S d q w v h w d o , 2019).

P r u i l p , d r u h x q l u r v d f k d g r v u h dñ l r q d g r v q h wñ h l j r , l g h q v l f d - v h t x h d v w d e d d k d g r u d v d o f d g d v q r dññ g l p h q w d p x d k h u v h p v l v x d r g h y l r o q f l d u h d d " d p r d x w f x l g d g r l q g l y l g x d o s r u p h l r g h s u v l f d v w d g l f l r q d l v , f r p r dñv l g d g h i v l d , p d q x vñ q r g d u g h g h d s r l r v r f l d o e r d d d p h q v d r h i u t x h q v d u s v l f r vñ u d s l d . P r u r x w r d g r , k x p d d x v q f l d g h dññ q r f r p r v u v f r v s v l f r w r f l d v h q y r q l g r v q r dññ g l p h q w d f d r v g h y l r o q f l d v , s r u s d uñ g d v l q w l v x l h v , i d w t x h u h i r u d g r s h o v h p s h f l d r v , l q y l v l e d g d g h h u h s r q v d e l d " d r l q g l y l g x d o h q i u h q v d g r v s h dñ w d e d d k d g r u d v d r f x l g d u g d v d g h p h q v d o A s u j l p d f d vñ j r u d g h d q d vñ w d u f r p p d l v g h w d k h v , t x h w h v u h dñ l r q d g d v d r d x w f x l g d g r r u j d q l " d f l r q d o h p s u h h q g l g r q r v f h q w r v g h dññ g l p h q w v p x d k h u v d j u h g l g d v .

## OÓÁwÓ'xuxÁÁÉ' uÁ'auwÁÁu?

E wñ h l j r d s u h v h q v d v h y l g q f l d v g r v w d e d d k r v g h C d' l u h w d o (2021) h J l u h n (2020), t x h g l v f r u h u d p d f h u f d g r d x w f x l g d g r r u j d q l " d f l r q d o q r v v h y l r v g h dññ g l p h q w v p x d k h u v y v l p d v g h y l r o q f l d , d o p g d g l v f x w r g h f r p r r d x w f x l g d g r r u j d q l " d f l r q d o l q i x h q f l d d t x d d g d g h g r d x w f x l g d g r g r v s u i l w l r q d l v g d v l q w l v x l h v .

O v h w x g r v g h J l u h n (2020) h C d' l u h w d o (2021) g h w d k d d d p f r p r r v l s r g h d s r l r r u j d q l " d f l r q d o r i h u d g r l q vñ u h u d q r d x w f x l g d g r l q g l y l g x d o u h d d " d g r s h o v w d e d d k d g r u h v g r v f h q w r v g h dññ g l p h q w d p x d k h u v d j u h g l g d v . E p 2020, x p h w x g r h p σ f d l v g h dññ g l p h q w v d p x d k h u v v r e h y l y h q vñ v g h y l r o q f l d g r p v l f d h d j u h w r vñ j x d o q r v E w d g r v U q l g r v , d s r q w x f r p r r e h p - h w d u g r v f dñ q vñ v h u d s u r u d " d g r h p g h w d p h q w g r v i x q f l r q u r v h , v d p e p , f r p r k d y l d x p d l q v x i l f l q f l d g h u h f x u r v h g h g x f d r y r o d g r v s d u d r d x w f x l g d g r g r v w d e d d k d g r u h v . A d e r u g d j h p q r d x w f x l g d g r h u d l q g l y l g x d d w d h r v i x q f l r q u r v q h f h w l v d y d p l p s dñ p h q v d u h f x u r v d g l f l r q d l v h g x f d r s d u d r s h u d f l r q d d " d u r d x w f x l g d g r l q g l y l g x d o f r p t x d d g d g h (J l u h n , 2020). N r p h v p r s d v , x p d s h v t x l v d u h d d " d g d , h p 2021, f r p w d e d d k d g r u h v g h r u j d q l " d h v v h p i l q v x f u d l y r v , t x h dññ g h p p x d k h u v d j u h g l g d v , f r q v dñ x t x h q r h v f r p s d u d k d g d v g h d x w f x l g d g r

h gh uhv s r qvdelogdgh r ij dql"df lr qdoir udp dvs hf v v t x h l q i x h q f l d u d p v d q w q d f r q f h l x d r f r p r q r v l s r gh s u v l f d gh d x w f x l g d g r l q g l y l g x d o u h d d " d g d s h o v v d e d d k d g r u h v (C d' l u h w d o, 2021).

Cr q f a h -v h, s r u d q w, g r v g r l v h w x g r v, t x h r d x w f x l g d g r r i j d q l " d f l r q d o h | h u f h x p s d s h o v x s r u l y r s d u d l p s d h p h q v d r g r d x w f x l g d g r l q g l y l g x d o h q d s u h y h q r g d v d g h p h q v d o g r v d e d d k d g r u h v h p a f d l v g h d v h q g l p h q w d p x d k h u v d j u h g l g d v. V h u l i l f d -v h, s r u p, t x h r s d s h o g d v r i j d q l " d h v, q r f x l g d u g d v d g h g h v h v s u r i l w l r q d l v, d p l v d g r h f h q w d g r h p t x h w h v l q g l y l g x d l v,

## R'ÉVÔÉE À

A s d u l u g r p d s h d p h q w g d d v h u d x u d, i r l s r w y h o l g h q v i l f d u x p d s u h g r p l q q f l d g h h w x g r v s x e d f d g r v h q w h 2018 h 2021, f r u h v s r q g h q g r d 90% g r v d u l j r v l q f a g r v q h w d t h y l v r. O e v h u y d -v h t x h r l q f u h p h q w g d v s h v t x l v d v, q d u h d, u h v x o d g r g h l q y h w l j d h v, h p s h u r g r v d q v h u r u h v, v r e u h r v u l f r v r f x s d f l r q d l v s u h v h q v h v q r d v h q g l p h q w d p x d k h u v y v l p d v g h y l r o q f l d, f r p r g h v f u l w h p x p d t h y l v r g h h v f r s r v r e u h r d w x q w (B u h q g h w d o, 2020), d s r q v d q g r s d u d r s d s h o s u h y h q v l y r g d v s u v l f d v g h d x w f x l g d g r, q d v d g h p h q v d o g h w h v s u r i l w l r q d l v. J h p u h d r r u j h p g r v h w x g r v, r v s d v h v h x u s h x v h r v E w d g r v U q l g r v d s u h v h q v l p d p d l r u f r q f h q w d r g h d u l j r v v r e u h r d x w f x l g d g r q r v s u r i l w l r q d l v d f l p d p h q f l r q d g r v. D i d q v h g l w r, q h f h w u d d f r q w x r g h q r y r v h w x g r v t x h f r q v h p s d h p d u h d d g d g h g r v s d v h v a d q r v, h p h v s h f l d o r B u d l o g d g r t x h h w h s d v d s u h v h q v d h d y d g d v v d l d v g h V C M, r t x h d f d e d v r e u h f d u h j d q g r r v s u r i l w l r q d l v t x h s u h w d p d v h q g l p h q w v y v l p d v (N d n d p x u d h w d o, 2021). D h i r u p d f r p s d h p h q w l u F o u h v h w d o (2021) d d h u d p s d u d d i u d j p h q v d r q r i a | r g r v v h u y l r v g h w d q d v x u h " d q r v h u l w u r g r s d v. A s d u l u g l w r, h q v h q g h -v h t x h r v d v s h f v v d v r f l d g r v r i j d q l " d r g r d v h q g l p h q w d p x d k h u v y v l p d v g h y l r o q f l d s r g h p v h u r s r v h q f l d o g h v d l " h u s u h n " r v s d u d r d x w f x l g d g r g r v s u r i l w l r q d l v d v x d q v h v q h w h v v h u y l r v.

O v h w x g r v g h A a d l h S w r l q n (2015), G r p -R r g u j x h " h w d o (2018), P u h " -T d u v, E v s l q r v d h S l o y d (2018), S d q w v h w d o (2019) h T d ' a u h w d o (2018) d s r q v d u d p s d u d d v h w d w j l d v g h d x w f x l g d g r l q g l y l g x d o p d v h u d d " d g d v s h o v v d e d d k d g r u h v g r v f h q w r v g h d v h q g l p h q w d p x d k h u v y v l p d v g h y l r o q f l d, f r p r s u v l f d g h d v l y l g d g h i v l f d, d d p h q v d r h v r q r d g h t x d g r v h i u t x h q v d u s v l f r v h u d s l d. E v h v u h v x o d g r v d s r q v d p s d u d r v u l f r v s v l f r w r f l d l v h q y r o l g r v q r d v h q g l p h q w d y v l p d v g h y l r o q f l d r x h p v l x d h v g h d o w l p s d f w r v f l d o f r p r d p d q l i h w d r g h v d q w r u q r g h h w h w h s v -v d x p v l f r v h f x q g u r (B d x p, 2016; C k r l, 2017) h e x u r x u (W l o r q & G r r g p d q, 2022). D i d q v h g l w r, d l q v h u y h q r s v l f r o j l f d w u q d -v h i x q g d p h q v d o s d u d f r p e d v h u r d g r h f l p h q w p h q v d o g h w h v v d e d d k d g r u h v (B d u h w r & H h o d q l, 2015). C r q f r u g d q g r f r p d v l g h l d v d s u h v h q v d g d v, r x w r h w x g r g h i h q g h d h o d e r u d r g h d h v g h s u r p r r h s u h y h q r g d v d g h p h q v d o g r v s u r i l w l r q d l v d v x d q v h v h p f d v r v g h V C M (D x w r q h w d o, 2017), h q t x d q w r x w r h w x g r g l v f r u h v r e u h r g h v h q y r o l p h q w g h l q v h u y h q h v g h d u h v h u d s l d, v h q g r f r p r s u l q f l s d o r e r h v l y r s u r p r y h u d u g x r g h h w h w h g r v d e d d k d g r u h v (l i u d f k & M l d u y 2016).

A s h v d u g d l p s r u w q f l d g r f x l g d u g h v l, q r h q i u h q v d p h q w d r v u l f r v s v l f r w r f l d l v h q y r o l g r v q d s u v l f d g h d v h q g l p h q w v p x d k h u v y v l p d v g h y l r o q f l d, d v g l i l f x a g d g h v, d v e d u h l u d h d l q y l v l e d " d r g r d x w f x l g d g r v r t x h w h v d v d y h w d g d v s h o d g r p l q d r g r v h p s r g d p x d k h u f r p v d h i d v g h f x l g d u g h r x w r, h q r g h v l, h i d o d g h d v h q r d r v u l f r v s v l f r w r f l d l v, s r u s d u h g r v h q v h v l q w l x f l r q d l v (C d w d h g d, 2006). O f x l g d u g h v l, s r u s d u h g d v s u r i l w l r q d l v t x h d v h q g h p p x d k h u v d o g r v g h y l r o q f l d, s r u d q w, x p p r y l p h q w

t x h s r g h v h u s u p r y l g r s r u p r g d d g d g h v l q v h y h q v l y d v , h q w h v d q w , v x d s d u l f l s d r u n t x h u x p d u h g l w d e x l r g d v d v l y l g d g h v g h f x l g d g r g h q w r g r v p e l v r v s u d y d g r h l q w l w x f l r q d o

P r u v x d y h " , C d ' l u h w d o ( 2 0 2 1 ) h J l u h n ( 2 0 2 0 ) d i l u p d p t x h r v l s r g h d s r l r r u j d q l " d f l r q d o l p s d f v d f r q v l g h u d y h q h q v h q r d x w f x l g d g r l q g l y l g x d o u h d d " d g r s h o v s u i l w l r q d l v t x h s u h w d p d w l w w q f l d i u h q v h V C M . E w h v d f k d g r v h w r h p f r q v r q q f l d f r p r h w x g r g h B h q - P r u d w ( 2 0 1 7 ) , f r p d w l w h q v h v r f l d l v h p s h j d g r v h p f h q w r v g h s u y h q r g d y l r o q f l d i d p l d d u h p l v u d h o q r v t x d l v i r l l g h q v l i f d g r t x h t x d q w p d l v r v d w l w h q v h v r f l d l v v h v h q v d p g h v d p s d u d g r v h h j s h u p h q v d y d p v l q w p d v g h w d x p d w " d r v h f x q g u d , p d l v e x v f d y d p d s r l r v r f l d o i r u d g r o f d o g h w d e d d r . U p d s h v t x l v d d q v h u r u y u h d d " d g d s h o p h v p r d x w u h p 2 0 1 5 , f r p w d e d d k d g r u h v g r v p h v p r v o f d l v s h v t x l v d g r v , f r q f a l x t x h t x d q w p d l r u r v h q v r g h f r p s h w q f l d h g h l q i a q f l d a e r u d o p d l v s u s f l r v h w d y d p s d u d h j s h u p h q v d u x p f u h v l p h q w , d s v d w d x p d w " d r v h f x q g u d . ( B h q - P r u d w 2 0 1 5 ) . A w l p , x p d r u j d q l " d r v x s r u l y d f u d h v s d r s d u d t x h r s u r i l w l r q d o u f r q k h d h l g h q v l i t x h d v v x d v s u s u d v y x a h u d e l d g d g h v .

N r h q v d q w , h w h f h q u r j d q k d f r q w u q r v p d l v s u r f x s d q v h v t x d q g r g h v h f v d g d d d f h d u d r g r v s u r f h w r v g h l q g l y l g x d d " d r g d v v r f l h g d g h v r f l g h q v d l v f r q v h p s r u q h d v , t x h u r h l v d p d f r q w x r g h h v s d r v f r d w y r v g h g l v f x w r h v r f d v , w r s u h f r q l " d g r v , f r p r x p d i r u p d g h d x w f x l g d g r s h w r d o h l q w l w x f l r q d o A o p g l w r , r d s d u h f l p h q w g h k l h u d t x l d v y d o u d l y d v , g h q w r g h v h v l s r g h v r f l h g d g h , d y d q h j d r g d s r w l e l d g d g h g h u h f r q k h f l p h q w g h d o x p d v d v l y l g d g h v t x h v r h w h q f l d l v , s u q f l s d o p h q v h d t x h a v f r p x p d f d u f v h u w l f d q r s u g x v l y d ( M h q g r q d , 2 0 1 6 ) . N r B u d l o h w d s u h g r p l q q f l d h y d o u " d r g r l q g l y l g x d o h g r s u g x v l y r d s u h v h q v d p v h x v p h f d q l v p r v q r p h u f d g r g h w d e d d r , g h i r u p d p d u f d q v h , s r u p h l r g d d o h u d r g d C r q v r d g d r g d v L h l v g r T u d e d d r r x L h l q . 1 3 . 4 6 7 , g h 1 3 g h m a k r g h 2 0 1 7 , t x h v x e w l w l r s d u d g l j p d v x v h a u h s u r v h y r g r E w d g r s r u x p d j o p h u d g r g h u j u d v m a u g l f d v i d i l e l d " d q v h v , h w d v d p s d d p r s r g h u s x q l v l y r g r v h p s h j d g r u h v , u h v u d p j d u d q v d v w d e d d k l w d v k l w u f d v h f u d p f d p l q k r v s d u d d s u h f d u " d r a e r u d o h r d w g l r u j d q l " d f l r q d o h , f r q v h t x h q v h p h q v h , d d x v q f l d g h h v s d r v g h d x w f x l g d g r l q w l w x f l r q d o E w d v l w d r v h h w h q g h d w g r v r v w d e d d k d g r u h v , g h v g h v h y l g r u h v s e d f r v d w s u h w d g r u h v g h v h y l r v , h w d " x p d p e l h q v h i h f x q g r s d u d d s u v l f d g r d w g l r p r u d o ( C r x v l q k r , 2 0 1 7 ) .

## QÀÁÊ'xyÉÚ yÊz'Áu'Ê

E w d u h y l v r s h u p l w k g h v y h a u d v s u v l f d v g h d x w f x l g d g r g r v s u r i l w l r q d l v d v x d q v h v h p v h y l r v t x h d v h q g h p p x d k u h v y v l p d v g h y l r o q f l d . N h w h v h q v l g r , s h u f h e h x - v h d l p s r u w q f l d g r d x w f x l g d g r l q g l y l g x d o h r u j d q l " d f l r q d o s d u s u y h q r h s u r p r r g d v d g h p h q v d o q h w h v w d e d d k d g r u h v .

C r p r d p l v d h v g r s u h v h q v h h w x g r , s r g h p - v h f l v d u d i d o d g h g h v d k d p h q w g h l q i r u p d h v u h a l y d v v f d u f v h u w l f d v g d v h w d w j l d v g h d x w f x l g d g r x l d " d g d v h r g h v d k d p h q w g d v s r w y h l v d h v l q v h y h q v l y d v , s d u d d s r l d u r v s u r i l w l r q d l v d v x d q v h v h p f d v r v g h p x d k u h v y v l p d v g h y l r o q f l d . C r q w d v x - v h d l q g d r x v r g h s r x f d v e d v h g h g d g r v , r t x h s r g h i d y r u h f u d o x p d s h u g d . S x j h u h - v h t x h h w x g r v i x w u r v s r w d p x l d " d u r x w d v e d v h g h g d g r v , f r p d i l q d d g d g h g h p l q l p l " d u r u v f r g h s h u g d v g h h w x g r v . q r v u h x o d g r v g d e x v f d , f r p r v d p e p d l q f a v r g h h w x g r v h p r x w r v l g l r p d v , d o p g h l q j o v , s r u x j x v h h v s d q k r o A g h p d l v , i r l s r w y h o f r q w d v u r s r x f r l q v h u h w h g r v s h v t x l v d g r u h v e u d i d u r v s h o v h p d , y l w r t x h q r k r x y h h w x g r v l q f a g r v q h w d u h y l v r t x h d e r u g d w h p d u h d d g d g h g r s d v .

A s uhvqhñ s hvt xlvds ur s lfld dr ðhlw uxp d ðhðh| r vr eh x p d vñp vñd dlqgd vñp h| s σ ud r hp vñulw ur eudvðhñur. Shqgr ðvlp, hqñhgh-vñ d lp sr uwqfld gd hðler ud r gh s hvt xlvdv vr eh r vñp d, dlqgd vñp e p hvfdwvd qd ðvñudv ud lqvñuqdf lr qdo Pru lvr, fdeh ðt xl gh| du xp fr qylñ s d d t x h wgrv r v s vlf σ j r v, hwxgdqvñv gh Pvlfr σ j ld h j h wñhv ghedvñp, s hvt xlvhp h dp s ðhp h wñd glvfxw r vr eh r ðxw f x l g d g r g r v s u r ilwlr qdlv hp vñyl r v gh ðvñhghlp hqñ d p x ð hñv y vlp ðv gh ylr o q fld.

## f yzyÉ ÁwñÉ

Dqfs ð W ( Vwvrs p/P 1-5348, 1Vj ðhfvj xyvñj l ñ x fsi gfwñ vx fr t sl kj r fñ xj vññj uvr| ñ j w ~ t vñs l ~ rñm kj r fñ xz vññt vx tk r s yñ fñj uf vñs j w| ñ ð s h j 1Ffsfi ñs Mz w f q t k Ft z s x j ð s l fsi Sx' hñt yñj vñu' / 7 < 4, / 69306; ; 1 myux=22hñvññz hñ d f w hñ 2f vññj 2 ñ ~ 294384

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Ef vñj t / P Y( K j d f s ð U l - 5348, 1Yñ q s hñ f / x f i j j y w g f qñt = f r s y t g j w s hñ f j t f x x i ñ t r t vñp f x vñ d j x d g t vññ 1 V j vñt V t hñ f q j V t hñ j i f i j / 456 / 87708941 myux=22 t ñ w 243 ñ 8 < 323434095; B69

Ef z r / Q1-5349, 1Vj h t s i f w y wñz f yñ f yñt s r s j s y f qñj f g m u vñj xñt s f q = ð x' x j r f yñ vñ | ñ ~ t k l j s i j vñs i r s l x l Wñz r f / Yñ ð s h j / ( D g z x j / 4: - 5, / 55405681 myux=22 t ñ w 243 ñ 4: : 24857; 6; 3488; 768:

E vñ xñ q - 5339, 1Gñs 44B73 / i j : i j f l t x y t i j 53391Gñvñ R k hñ f q i f X s n t / E vñ x qñ / G l 1

E vñ xñ q - 534; , 1 45 D s z vñ E vñ xñ qñ vñ i j V j l z vñs f S gññ f l l vñr E vñ xñ qñ vñ i j V j l z vñs f S gññ f 1 myux=22 ~ ~ 1 t vñr x j l z vñs hñ t w ð vñ ~ u h t s y s y z u q f i x 2534 < 2362 D s z f vñ E vñ xñ qñ vñ d j 0 j l z vñs' F6' D: f 0 S' F6' E D gññ f 0534; l u i k

E vñ f r f s / P 1K Yñt yñ f s s / l 1D1P Y( Y f s i j s E w s p / Z 1-533 < , 1Yñ qñ r y' t k eñt x y vñz r f yñ x y vñ x i n t w j w ~ rñm x j h t s i f w u x' hñt yñ k j f y z vñ x) = f vñ | ñ ~ t k yñ j | ñ j s h j 1D hñ f S x' hññ f yñññ Vñ f s i r s f / rññ f / 44 < 4, / 480571 i t ñ 43 ñ 4442 ñ 49330 377: 533: B4585 ñ

E j s ð s t vñ y / D1-5348, 1Yññ vñ z x u t x y vñz r f yñ l vñ ~ yññ G t r j x yñ | ñ ð s h j yñj vñ uñ x x | j w z x x t hñ f q j vññj i j u f vñ j s y yñj vñ uñ x x s l x vñ j d M z w f q t k l f r rñ Yñ ð s h j / 63 + , / < 560 < 661 myux=22 t ñ w 243 ñ 33: 2x43: < 908480 < 4705

E j s ð s t vñ y / D1-534: , 1F t r u j y s h j t k y vñz r f x t hñ f q ~ t vñj vx = Vñj vñ d yñt s x m u g j y ~ j s k j d t k u vñ hññ f s i x j h t s i f w y vñz r f yñ f yñt s / u j vñt s f q f s i j s | vñs r j s y f q | f vñ gñ x l M z w f q t k l s y u j vñt s f q Yñ ð s h j / 65 + , / 45 < 40463 < 1 myux=22 t ñ w 243 ñ 4: : 23; : 95938488; : 869

E vñ s i / G1P Yññ s j / M ( V f z s i j w / V1-5353, 1Hñ u t x z vñ y t y vñz r f r s r yñ fñj u f vñs j w | ñ ð s h j n z r f s x j vññj ~ t vñp = D x h t u r s l vñ | ñ ~ 1 Wñz r f yñ t q / ' / 594, / 45: 04691 myux=22 t ñ w 243 ñ 36: 2yñ 33334 < <

F f r u t x 0 Yñ f q M l Y F f wñt s f F f wñt s f / M ( F z f vñ w F f x f j w P 1H l - 534: , 1D k w s y f vñ q i x l f x j = h z ñ f i t ' r j h f s r x t x u f qñ yñ t x i j d k f yñ f u t w h t r u f x n s l F z f i j vñt x i j Wñ g f a V t hñ f d 574, / 44 < 04691 myux=22 vñ f z f j x ñ x u f h j 2 g r x y vñr 2433782 5483292 D q j vñ f yñ f x d 57d3: l u i k

F f x y f j i f / P 1-5339, 1R r f hññ r t r s / r x / j d D J vññ f H ñ t vñ l

F f' vñ H / V u j s h j w P Y E rññ s l x / G Y K rññ s l j w P j xññ x / G1 N / U t gññ w / D Y ( F z s s r s l nñr / W l - 5354, 1Á vñj R s d Z f' Z j ) qñ E j V z hñj x l z q = R w f s rñ f yñt s f q l f h y t vx Vññ f y l s k j s h j S x' hñt x t hñ f q Z j qñ E j r s l f s i V j d F f vñ D r t s l D i | t hñ f y x Z t vñs l y t D i i vñ x x J j s i j vñ E f x i Yñ ð s h j 1 M z w f q t k l s y u j vñt s f q Yñ ð s h j / 6956057, / 4465: 0446881 myux=22 t ñ w 243 ñ 4: : 23; : 959384 < < 673

Fnt nJ 1] 1-534: ,1Vj ht si f w ywzr fyth xyjxx fsi jr ut ~j w j syfr t sl xt hrf q~t vj vx ~t vps l ~nymkr rđ | nđ gshj tw  
xj šzf q fxfz qy xz vřt vx / Mz vř q tk Vt hřf q Zt vř 4: -6, / 68; 06: ; 1  
myux=22wřf q k l j uz g h t r 2 t r f g x 243 144: : 2479; 34: 6499734<7

Ft wyf / R 1W1-5336, 1HbDzyt hzn fi t Xsf Kfg rñ fi uf w Yř nř Kř hřf q Svr t hř s i j q Vř q i / ; -4, / 6; 0831  
myux=22wř | r x f t x z h f q f x j i z h t 2 s i j š l u m 2 nř hřf q u w r t hř s i j q x f q i 2 f w h g 2 i j ~24: : 3

Ft zys nt / D1U1-534: , 1Uj kt w fxj f lsj s xř hřf t t i t S t i j v š z s rñ t i t H r u y l f i t w l s M D 1 S 1 j i j q F t t w 1 / H y m f y l r f x  
Dzyt wř vř x i t H y f i t H u y l f i t w u u 174095, 1Nf' fsl zj 1

Gzyt s / P 1DYGf rñ vř s / VYl vř s h t Uf m f s / P YP f vř s j " / P f wř / VYD1( P j y j / P 1-534: , 1D mř q y rñ nř f q s l f v y r t i j q k t w  
h t z s x j q w / f i l t h f y x / f s i q ~' j w x j vř s l y w z r f x z vř t w = M' k z q K j f w l t z s i f y rñ s  
U j y j f y l Wř z r f y t q l ' / 56-6, / 4760485 1 myux=22ux' h s j v f u f t w 2 q z ' 2534: 08<7560834

I q vř x / O l E l i t x V f s y t x / V l V Y ( i j S f ě f / U O l -5354, 1Fts xy vř s i t # y j rñ x # kř l rñ f i j x j u t y j s hřf qñ f i j x u f w t  
j s k j y s y r j s y t i f | nř q s hřf h t s y w f r z q j w U j / r x f S x hř t q l rñ S t q y hř f / 5483, / 557066; 1  
myux=22 r f q j y z s rñ d j x 2 j vř q y 2 f w h z q B h t i n t @ 36<7; 3

J r s x / ( E f vř t x f / H I F 1-5343, 1Fzn fi t x h t r f j v z rñ j i j f y j s i m j s y t 1 U j / r x f E vř x q j rñ f i j S x hř t y vř u rñ / 45-506, / 5< 0  
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J t r O l i w z j " / U F f s y j w / O l P V ( V rñ f / M S 1 G 1-534: , 1Dzyt hzn fi t i j q x u v k j xñ s f q x v z j y w g f d s j s q j w ř i nř hř s  
i j q | nř q s hřf i j u f vř d 1 S x hř t u j w u j h y f f x 4: -4, / 46504761 myux=22 š l t r t w 243 1835: 2ux hř t u j w u j h y f f x O t q : 0  
l x z j 40 z q j š y 0438: .

K t l j r f s s / H I U 1 U 1 V Y S j vř nř / P 1 G Y S j vř nř / P 1 G Y ( l n z j rñ i t / M P 1 D 1-5353, 1l j r r s m i nř / Q r x i j S vř j t x P z q j vř x  
j H y m f y l r f x i j H k j y s y r j s y t = X r f E vř j U j | r x t 1 U j / r x f I V D - F j s y r X s ě j w y vř V f s y t D l t x y r nř , / 4: -43, /  
44; 046<1 myux=22 ~ ~ ~ 7 z s rñ f h t r b w j y l r x f 2 s i j š l u m 2 k f 2 f w h g 2 i j ~ 254<327<47<58: 5

K t d z s / P 1 U Y ( Y j q " v z j " / W l -5348, 1Wř g f a h t s u j vř s f x f k j h y f i f x u t vř nř q s hřf u t q y hř f = x f q i r j s y f q h t r z s y f vř i '  
h t s x j q w ř 1 S t s y rñ hřf X s ě j vř nř f i F f y qñ f i j q S j w l myux=22 u t x l w i t l u z h u j i z l u j 2 ~ u 0  
h t s y j s y 2 u q f i x 253542432340437 d S V I F R O O E U R O G R E O H S D J I O D O Z F E l u i k

l k v h nř H l U Y ( P rñ w D 1 -5349, 1Vt hřf q f h y rñ s f w y nř wř u' f x f s r s y vř s y rñ s k t w h t r u f x rñ s k f y h z j 1 Wř j D y x r s  
S x' h nř y nř wř u' / 83/6706<1 myux=22 t r t w 243 143; 3256636464 5353 14: 55635

M j y p / V 1 O l -5353, 1lsj k j h y j t w f s r f y rñ s f q y x u t s x j x y t ~ t vř vx x j h t s i f w y w z r f y rñ x y j x x = D h f x j x y z i ' t k y nř j k j h y x  
t k f s z s m j f q rñ t w f s r f y rñ s f q h z q vř j 1 K z r f s V j vř h j R w f s r f y rñ s x = P f s f l j r j s y / Q f i j vř m u (   
J t j w f s h j / 77-6, / 543055; 1 myux=22 t r t w 243 143; 3256636464 5353 14: 55635

Q r s 144 573 / i j : i j f l t x y t i j 53391-5339, 1Fvř r j h f s rñ t x u f w h t r g rñ f | nř q s hřf i t r x y hřf j k f r rñ w h t s y w f r z q j w  
s t x j w t x i t ° ; t i t f w y 1559 i f F t s x y r z n t l i j j wř d i f F t s | j s t x t g vř f H q rñ s f t i j W l f x f x l t w f x  
i j G r x h rñ rñ s f t h t s y w f x P z q j vř x j i f F t s | j s t l s j wř j vñ hř s f u f wř S vř j j s rñ S z s rñ j H w ř i nř hř wř Y rñ q s hřf  
h t s y w f P z q j vř x u j x t g vř f h w ř t i t x M rñ f i t x i j Y rñ q s hřf G t r x y hřf j l f r rñ w h t s y w f P z q j vř q j vř  
t F i n t i j S w h j x t S j s f q t F i n t S j s f q j Q n i j H s j h z t S j s f q j i t z y wř x u w | nř s hřf x 1 G n vř R k hřf q  
i f X s n t 1 myux=22 ~ ~ ~ l d s f q t 1 t | b w h h j rñ 362 d f y t 533705339253392 i j 244673 h y r

Q r s 146 79: / i j 46 i j a q n t i j 534: 1-534: , 1Daj wř f F t s t qñ f t i f x Q r x i t Wř g f q n t F O W / f u w | f i f u j q G j h y j t O j n  
s 8785 / i j 4 i j r f n i j 4<76 / j f x q r x s 9 B 4 < i j 6 i j d s j rñ i j 4<7 / ; B 69 / i j 44 i j r f n i j 4<<3 / j ; 545 /  
i j 57 i j a s m t i j 4<<4 / f k n i j f i j v z f wř q l rñ d t x s t | f x vř q j x i j y w g f q n t 1 G n vř R k hřf q i f X s n t  
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P j s i t s f / U 1 l 1-5349, 1Uj h t s nř h nř j s y t / i j xñ z f q f i j x j h f u rñ q r t 1 l s O l 1 P nř z j q R w l G j xñ z f q f i j x j G j r t h w hřf  
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x'xyjr fyth vj|nj~ fsi rjyfcfsdqxx1Wfzr f/ Ynqshj/ ( Dgzxj/ 44,/ 40431  
myux22 t r t w 24344: : 24857; 6; 354435<743

Rz""fsnP YKfr r fi' /KVIj itw~rh"/\_Y( Hq flfw ni /D1-5349,1Uf''fs ÓD~jgfsi r tgrñ fuu kt w' xyjr fythvj|nj~x1  
V'xyjr fyth Uj /nj~x/8/40431myux22 t r t w 24344; 92x469760849086; 707

Sjsxt/P 1DYDq jñf/WP 1FYEwrxqNIF1WEfwwx/F1DY( Ewsi t/S1OI-5343,1R fyjsim jsy f | ym fxij | nqshf j  
xjzx m ufhyt x sf |ñf ij uvrkxxtsfx if xf ij1 V'f x jr Sxht q /ñ/ 4; 4,/ 46: 04851  
myux22~ ~ ~ lwi f d h t w 2ui k2846: 2846: 847683451ui k

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q | nqshf ij l sjw= zs fs qxx ijxi j q jtwf kzsifr jsyif1Vfqi Pjsyf q 748,/ 5460551  
myux22 t r t w 24344: : 442x B4; 806658534; B65

Sjy w/P 1G1M Jti kj' /FYP hlsj wj' /SY P zss/\_YVwht/DFY( Nhf q/K1 -5353,1Fnfuyj w44=Vht urs l Uj |nj~x1ls D1  
Htftw/ ( \_1 Pzss Hx1l M/L Pfszf q kt w Hñjshj V'synj xxi myux22 q q d q  
~ nrljksji kj 2ufhj 2P DQXDQ279; : 6752Fnfuyj w44' 6D: Vht urs l . vj|nj~x

Tzntsjsx/SYFfsy w/OIP Y( Rhfr ut/F1OR 1-5346,1Q | nqshf vj d h t s f q r ht syj Syt x d g t w g x v z j y w f g d s h t s w f  
q | nqshf 1ls OP 1Ffsy w/VISf q w x/( F1Vj q f Hx1l Gj q P f q x y f w f q Eñsj x y f w f g t w f q u u 14680488,1Dr jsyfi  
H r t w f q

Vfsytx/NIGDY Sj yw Vqf/M/Sj vj' W'wx/DY( Ffsy w Hkurstxf/OIP 1-534<,1Uzfx' ht qxx sj xjs j qwfgd ij fyjshns  
f q x r z g v x | h m f x i j | nqshf js Hkuf f1Fñshf x Sxht q /ñf x/ 465,/ 53<0551  
myux22 t r t w 243555682hu14654: : .

Vju qji f/NIKYP f q /S1M( Vfs Pfwys/P 1P 1-5347,1Pfszf q j Rvjsyfhns ufwr q Uj kj Shñfi ' j qDzyt hznfi t /  
Gmñ n t f Fttwrsfi t vjxi j Hvznut x Sxht xt hñqxi j q x Swl wr fxij q Vxyj r f i j Swyjhñs Vt hñqFmñj  
Vt q f vñ1  
myux22~ ~ ~ f h f i j r ñ j i z 269<8948: 2Pfszf q j d Rvjsyfhñ F6' E6sduf w d q d Uj kj Shñfi d' d j q Dzyt hznfi  
i t d Gmñ n t d f Fttwrsfi t vj x d i j d H v z n u t x d S x h t x t h ñ q x d i j d q x d S w l w r f x d i j q V x y j r f d i j d S w y j h h ñ F 6  
' E6s d V t h ñ q F m ñ j d V t q f v ñ

W' q wD1NYJ vj l t w/DYI j i j wJ Y( Z r p f r x t s/HI-534<,1Ezj )v f q ~t z s i j i n j f q w =D v z f q f y n j x y z i ' y t j S u q v y n j  
~j q g j r l f s i s j j i x t k n j q u s j ~t v j v x x u u t w r l x z v r h t w t k i t r j x y n | n q s h j f s i f g z x j 1Kj f q m( Vt hñq  
Ffjvrs yn j Ftr r zsr/5: 47,/; 89Q 951myux22 t r t w 24344442mxh459<<

Whtht/D1FYOqj/HY\_fws/Z YR)Ewjs/NIN/Ft q z m z s/KYQ | fhVGYP t n j wG Yj y f q-534; ,1SULVP Dj Sj s x t s k t w h t u r s l  
vj|nj~x -6ULVP DOVhu,= Fmñ h p x y f s i j S u d f y n s 1 D s s f q t k L s y w f q P j i h r s j l 49<t,/ 79: Ó7: 61  
myux22~ ~ ~ f h u d z w f q t w 2 t n k q 431 6592P 4; 08; 83

Z r q t s / M P Y ( J t t i r f s / O I D 1 - 5 3 5 4 , 1 A D F t r r z s r y t k V z v r h t w c = D J w z s i j i W r j t w t k R w f s r f y n s f q V z u u t w k t w  
V z v r h t w D i | t h f y x r s G t r j x y n Y n q s h j D l j s h j x 1 Y n q s h j D l f s x y Z t r j s / 5 : 4 7 , / 5 9 9 7 0 5 9 ; 9 1  
myux22 t r t w 24344: : 243: : ; 34553< 4476

W hSf j Sb Sg dgWOb O\_ hWQg Sa SgQc \_Og d P\_WQgH

a Shc Rc \_c UWQg RS SgQi hO bc Qc \_ShWc

SVJ FKR DQDQ WF IQWUHYHQWR QV IQ SXEQE VF KRR OV=QWVQLOJ P HWKR GR CRJ LHV IQ VKHFR QOFWYH

XÀ À dyxÉÁ guÁÍuÁu a ÁÍÍu 4b x'ú \_u' ÓuÉx'ú \_'ª u

### f yÉÓ³ Á

Ewn duLj r thdó" d xp d thylv r gh dñhduvud v reu dvp hwgr σ j ldv gh s hvt xlv d h lqvñuyhq r gh ruhqv d r svlf d qdovf d xlv d" dg dv hp hvfr æv s edf dv, exvf d qgr d qd d vdu vñxv hihlv v v reu r v vxñlv v h r hvs d r hvfr æu S r thdó" dg dv exvf d v s r uduLj r v hp gr lve d qfr v gh gdgr v, Sf IELO h PhPvf, xvd qgr r v ghvf d v hvs vlf d q dñh h hvfr æl. Ov thv xæv dgr v v ds thv hqv dgr v qxp d v d h æl fr p r q r p h gd p hwgr σ j ld, r vfr qf hlv v gh d q dñh, r v hihlv v q r v vxñlv v, r v hihlv v qd hvfr æl h r v lp s d v h v hqfr qv dgr v. O dj uxs d p hq w gr v v d e d d r v hqfr qv dgr v q r p h dgr p hwgr σ j ldv gh hvf xvl q r fr dñvyr. O hw xgr d q d d v d r v gdgr v h vñf h thidñ| hv d s dñu gh dñv, thv d v d qgr hvs hf l d q hqvñ r vñp d gd dgr dñv qf l d h d lp s r uv qf l d gd r i h v d gh glvs r vñvyr v gh hvf xvl qd v lqvñvñl hv hvfr ælv. Ewn v d e d d r thdñy d qñv s dñ l q y h vñj d u d v lqvñuyhq hv thdó" dg dv hp hvfr æv s r us vlf d q d d v d v, s d qf l s d p hqvñ g l d qñv g d r e d j dñv thg d gh g d s thv hq d gh s vlf σ j r v q d thghs edf d gh hgx f d r ghv gh 2019.

du²uÓuÉSw-uÓy: Pvf d q dñh; Evfr æl; Egxf d r; Agr dñv qf l d; lqvñuyhq r.

### OvÉÍÉwÍ

Tklv duLj dñ fr qgx f w d dñhduvud thylhz r q vñh thv dñf k d qg lqvñuyhqvñr q p hvkr gr σ j lhv z lvk s v fkr d q d vñf ds s r dñf k xlv gh lq s x e d f v f k r r æ, dlp lqj w d q d d "h vñhlu hiihf w r q vx eñf w d qg vñh v f k r r o h q y l r q p h q w Shdñf khv i r u duLj dñv dñf r qgx f vñg lq v z r g d v d e dñv, Sf IELO d qg PhPvf, xlvaj vñh ghvf dñv w u s v fkr d q d vlv d qg v f k r r o Tkh thv xæv dñv s thv hqvñg lq d v d e dñ z lvk vñh q d p h r i vñh p hvkr gr σ j', vñh fr qf h s w r i d q d d vlv, vñh hiihf w r q vx eñf w, vñh hiihf w r q vñh v f k r r o d qg vñh f k d dñh q hv hqfr x q vñh g. Tkh j ur x s lqj r i vñh z r un v i r x q g l v q d p h g dñh lqaj p hvkr gr σ j lhv lq vñh fr dñf vñy h. Tkh vñg' d q d d "hv vñh g d v d d qg thidñf w r q l v hvs hf l d d ð klj k d j kv lqj vñh vñh p h r i dgr dñv hqf h d qg vñh lp s r u d q f h r i r i i h d qj dñh lqaj ghylf hv lq v f k r r o lqvñvñvñr qv. Tklv z r un lv thdñy d q w i r u l q y h vñj dñv qj vñh lqvñuyhqvñr qv f dñh g r x w lq v f k r r æ e' s v fkr d q d d w w, s dñf x æ l d lq d j k w r i vñh tht xlv h p h q w i r u s v fkr σ j l w w s thv hqf h lq vñh s x e d f h g x f dñv q v vñh p v l q f h 2019.

ZyáUÁÉxÉPv fkr d q d d vlv; S f k r r o Egxf dñv q; Agr dñv hqf h; lqvñuyhqvñr q.

Gudgxdqgr hp Pvf r σ j ld qd Uqlyhwlgdgh Fhghudogh MIqdv Ghudlv (UFMG). Cr qv dñv: [mvpr.wl@j.p.dlofr.p](mailto:mvpr.wl@j.p.dlofr.p)

P v-gr xw ud hp Thr ud Pvf d q d d vñf d s h æl Uqlyhwlgdgh Fhghudogr Rlr gh Jd qhlur. Pur ihw r ud Avr f l d g d gr Dhs duLj hq w gh Pvf r σ j ld h gr Pur j u d p d gh P v-Gudgxd r hp Pvf r σ j ld g d Uqlyhwlgdgh Fhghudogh MIqdv Ghudlv.

Sx'fÁÉuÉÁwñuxÁHhup j hqhv Slt xhlud

f yvñv'xÁy³ H05/03/2024

Owñ'fÁy³ H05/09/2024

dÓv²wuxÁy³ H23/12/2024

Q'f uÉ Mr wñ, J. P. S., & Llp d, N. L. (2024). lqvñuyhq hvs vlf d q d d vñf d v hp hvfr æv s edf dv: Mhw gr σ j ldv gh hvf xvl q r fr dñvyr. *Mr vdlfr: Evñgr v hp Pvf r σ j ld* 12(1), 252-270.



## VÍÐAÐ A

Sh, fr p r d s r q v d F u h x g ( 1 9 3 7 / 2 0 2 2 ), d f r p s d q k d q g r K d q w h g x f d u x p g r v w a v r i f l r v l p s r w y h l v g d g d d Ó h u h " d g h d q v h p r g r u h v x o d g r l q x i l f l h q v h i ( s . 3 5 5 ), d h v f r æ l x p o f d o d r t x d o v h y h u l i f d r l p s r w y h o g h x p d v a d q v p l w r . R d " r s d u d v o d o j l f d q r w g d g d h g x f d r , q d t x d o d v u h a d h v q x q f d v h j s d f d p r x v h g r s d h q d p h q v h h p u d " r g h v a d e d d k d u h p n x w a l p h q v h r g h v f r q w x r , r l q f r q j u h q v h h r f r q v l q j h q v h t x h v h h q f r q w a d p q r f h u q h g r p e l w v r f l d ô ( P h u l l u d , 2 0 2 0 , s . 4 8 ). P r u v x d y h " , r s u r f h w r h g x f d f l r q d o e u d v l d u r v h p v h p r w a d g r f d g d y h " p d l v l q f d s d " g h g h v s h u d u q r v d o x q r v r g h v h m g h v d e h u A v h v f r æ l v , h v s h f l d p h q v h d v s e d f d v , d s u h v h q v a l p - v h f d g d y h " p d l v g h e l d v a d g d v , i u d j l d " d g d v , h p i x q r g h x p d v u h g h d w a d y h w d p h q w v v r f l d v , s r o v l f r v h h f r q p l f r v .

Nr f r q v h j w l q w l w x f l r q d o u y h a l p - v h u h l w w q f l d v r u g h p v l p e d f d f r p x p h q v h s u r y r f d g d v s r u g l v f x u r v r e r h v a d " d q v h v h v h j u j d w u r v r u x q g r v g r g l u h l w h g d p h g l f l q d d r v t x d l v d h v f r æ l d g h u h h u s u r g x " ( R r v d , 2 0 2 0 ), l p s d f v a d q g r g l v f h q v h v h g r f h q v h v . V h u l i f d - v h Ó g h v l q v h u h w h g r v d o x q r v s h o f r q k h f l p h q w h v f r æ l u i ( L l p d h w d o 2 0 1 9 e , s . 1 8 2 ), t x h q r v h d e u p s d u d d s u h q g l " d j h p , h , s r u s d u h g r v s u r i h w r u h v , d s h u g d g r g h v h m g h h q v l q d u u h v x o d g r h p g l i l f x a d g h r x l p s h g l p h q w g d s u v l f d g r f h q v h ( M l u d a g d , 2 0 2 0 ; S f k h u h u & C d u q h l u r , 2 0 2 0 ). N h w a d v l w x d r , v h p - v h r p d e h v a d u f r p r h j s u h w r g d i d d g r s u r f h w r h g x f d v l y r . O f u h v f l p h q w g r v s u r e d h p d v h q y r q y h q g r d v a d q v p l w r s h g d j j l f d v h p d y d g r d v h v f r æ l v d f r q y r f d u s u r i l w l r q d l v g h r x w a d u h d v , h v s h f l d p h q v h s v l f o j r v , s d u d l q v h u y l u n a q w h t x l s h h v f r æ l u ( L l v i d & K h a n v , 2 0 1 9 ), q d h v s h u d q d g h t x h h d v s r w d p f r q w l e x l u s d u d r s u r f h w r g h h q v l q r h d s u h q g l " d j h p .

A s u h v h q d g h s v l f o j r v q d v h v f r æ l v e u d v l d u d v q r u h f h q v h . E p e r u d d s u r i l w r v h q k d v l g r u j x a l p h v a d g d v r p h q v h h p 1 9 6 2 , g h v g h r i l q d o g r v f x o X I X l g h l d v g d P v l f r o j l d h w a d g x l g h q v h h h x u r s h l d m h u d p d s d f d g d v s r u s v l f o j r v a p h v p r t x h r i l f l d p h q v h q r u h f h e h w h p h w h q r p h a h p h v f r æ l v q r s d v ( A q v x q h v , 2 0 1 2 ). E q w h v a d q w , v x d d w x d r q h p v h p s u h f r q w l e x l s d u d d v x s h u d r g h s u r f h w r v g h h j f o x r , s d w o j l " d r h v j u j d r v r f l d o a f r p r g h p r q w a d A q v x q h v ( 2 0 1 4 ), h p x p d s h u s h f v l y d k l w u f d , h r v r x w r v v a d e d d k r v d q v h u r u p h q v h f l v a d g r v , h p x p d y l v d g d d w x d o F d " - v h , h q w r , q h f h w u r e x v f d u f r q k h f h u i r u p d v g h d w x d r g r v s v l f o j r v h p h v f r æ l v h r v v h x v h i h l w v r e u h r v s u r f h w r v g h s u r p r r g d h g x f d r h g h h q i u h q v a l p h q w g r v s u r e d h p d v l g h q v l i l f d g r v . E w a l q y h w l j d r l p s r u a d q v h m t x h , d s d u l u g d l p s a l q w a l r g d L h l q x 1 3 . 9 3 5 ( B u d M o 2 0 1 9 ), q d v u h g h v s e d f d v g h h g x f d r e v l f d , k r f r p s u r p l w r g h v h d v h j x u d u d v h q g l p h q w s v l f r o j l f r h v r f l r d w l w h q f l d o d r v d o x q r v a s r g h q g r h w h p d v h u d o v h u y l u g h r u h q v a l r d r v s u r i l w l r q d l v t x h d w x d p q r f d p s r .

A u i d i h j r u h d d " d g d q h w h v a d e d d k r s d u h g h x p d s h v t x l v d e l e d r j u i l f d v r e u h d v s u v l f d v g r v s v l f o j r v q d v h v f r æ l v s e d f d v . T h q g r h p y l w a d g l y h w l g d g h g d v s u v l f d v h g h r u h q v a l h v h u f d v , v h o f l r q d p r v d v s u v l f d v r u h q v a d g d v s h a d s v l f d q d v h , h p i x q r g d q r w d i r u p d r v h u f d h g d q r w d d w x d r h p h v f r æ l v g h B h o H r u " r q v h . E p q r w d h j s h u l q f l d , u h d d " d p r v f r q y h w d h v g h r u h q v a l r s v l f d q d o v l f d f r p d g r d v f h q v h v h p h v f r æ l v s e d f d v . B x v f d p r v r i h u d u x p h v s d r s d u d d s d a y u d d r v x r h l w v , y l v d q g r d d e h u x u d s d u d d u i d i h j r h d f r q w a x r g h x p



vdehu A s d u l u g d d w r f l d r d y h f r d n l y l " d g d , v r e w d q v i h u q f l d , d s r w d p r v q d h p h j q f l d g h x p d s d d y u d t x h i d d x p h q d d p h q w v l p e d f r g r t x h u h l w h w d g x r ( L l p d h w d o , 2 0 1 9 d ) . A s d u l u g h w d h l s h u l q f l d h g r v v h x v h i h l w v v x e r h l y r v h h g x f d f l r q d l v , v x j l x r q r v r l q v h u h w h h p s h v t x l v d u g l i h u h q v h v s u v l f d v g h r u h q v d r s v l f d q d o v l f d h p h v f r d v s e d f d v .

### O<sup>3</sup> y f Å x Å<sup>2</sup> Å " u x y Å y Ê Ç Ó È u

Cr p r r e r h l y r g h l q y h w l j d u d v p h w g r o j l d v g h s h v t x l v d h l q v h u y h q r g h r u h q v d r s v l f d q d o v l f d x l d " d g d v h p h v f r d v s e d f d v , h r v v h x v h i h l w v r e u h r v v x r h l w v h v r e u h r h v s d r h v f r d y u d d " d p r v x p d e x v f d s r u d u l j r v h p g r l v e d q f r v g h g d g r v , S f I E L O h P h P v l f . A s u p h l u d s u r s r w d i r l d g h x l d " d u r v g h v f u w u h v s v l f d q d v h , h g x f d r , h v f r d , p h w g r o j l d g h s h v t x l v d h l q v h u y h q r , d e u d q j h q g r r v w d e d d r v s x e d f d g r v q r v o l p r v f l q f r d q r v , y l v d q g r p d q v h u d d x d d g d g h g d v s u v l f d v x l d " d g d v .

Nr h q v d q w , h w d e x v f d , s u p h l u d p h q v h u d d " d g d q d s a v l i r u p d S f I E L O , q r q r v i r u q h f h x u h v x o d g r v , v h q g r q h f h w u r v d n w h v s d u d t x h s x g w h p r v h q f r q w d u d s u r g x h v g h l q v h u h w h . N h w h v h q v l g r , r v h u p r p h w g r o j l d g h s h v t x l v d h l q v h u y h q r i r l v x e w l w x g r s r u s h v t x l v d - l q v h u y h q r , r t x h j h u r x 5 u h v x o d g r v . E p x p d h v f d d g h 1 0 d q r v , h q f r q w d p r v 7 u h v x o d g r v . A h l v h q v r g r s h u r g r g h e x v f d g h p r q w r x - v h n w l l f d g d s h o s h u r g r s d q g p l f r y l y h q f l d g r , t x h s d u h f h v h u g l i l f x o d g r d s h v t x l v d h l q v h u y h q r h p h v f r d v s e d f d v , p d v q r l p s r w l e d v d g r . D h w d i r u p d , r v d q r v l q f o g r v h p q r w d t h y l v r v r 2 0 1 4 , 2 0 1 5 , 2 0 1 6 , 2 0 1 7 , 2 0 1 8 , 2 0 1 9 , 2 0 2 0 , 2 0 2 1 , 2 0 2 2 h 2 0 2 3 . C r q v l g h u d q g r d q h f h w l g d g h g h v h r e v h u x p h v s h f w r p d l v d p s o g h s u r g x h v , v x s u p l p r v r g h v f u w u u h a f l r q d g r s h v t x l v d h l q v h u y h q r , t x h , p h v p r v h r u l f d p h q v h s u h v h q v h q r v w d e d d r v , i h t x h q v h p h q v h q r h l s d f l v d p h q v h q r p h d g r . C r p l w r , d s a v l i r u p d S f I E L O q r v r i h u f h x 1 4 u h v x o d g r v q r v o l p r v 5 d q r v h 2 3 q r v o l p r v 1 0 . A l q g d e x v f d q g r d p s d d u d e x v f d , v x s u p l p r v r g h v f u w u h g x f d r a p d q v h q g r v r p h q v h s v l f d q d v h h v f r d a , r t x h j h u r x 3 4 u h v x o d g r v q r v o l p r v 5 d q r v h 5 4 q r v o l p r v 1 0 .

E w d p r v f l h q v h v g h t x h h w d r s h u d r d f d e d s r u h d p l q d u u h r u h v l p s r u d q v h v g d s h v t x l v d h r v u h v x o d g r v d v h u p r e v l g r v i r u d p d l v g l i x v r v a l q f o l q g r s u r g x h v u h a f l r q d g d v d v E v f r d v g h P v l f d q d v h r x f o q l f d v - h v f r d h p x q l y h u l g d g h v a , q h f h w l v d q g r g h d q d v h p d l v f x l g d g r v d s r u s d u h g r v s h v t x l v d g r u h v s d u d t x h v h p d q v l y h w h d v h d r g d v s u r g x h v g h l q v h u h w h . A h v s h u d q d h u d g h t x h , w p d q g r x p d d p r w d p d l v d p s o l h u h g x " l q g r - d p d q x d o p h q v h , s r g h u d p r v r e v h u p d l v d u l j r v t x h v h h q f d l d p q d s u r s r w d g d s h v t x l v d , p d v t x h q r d s d u h f h p t x d q g r v h v h p f r p r d s r l r v r p h q v h d v h d r g r d j r u v p r g d v s a v l i r u p d v f l v d g d v .

Nr w d d s r w d r e v h y h u h v x o d g r v , x p d y h " t x h , g h q v r g h x p d s h v t x l v d f r p v a v g h v f u w u h v , v h u d p r v r p h q v h 7 d u l j r v f r p r v t x d l v w d e d d d u h d s d u l u g d q r w d d g d s v d r , 1 4 d u l j r v g d s a v l i r u p d S f I E L O p r w d u d p - v h d g h t x d g r v . A e x v f d q r P h P v l f i r l i h l v d s v r h v i r u r m u h a v d g r h v h j x l x r p h v p r p w g r a x v d q g r v r p h q v h g r v g h v f u w u h v ( s v l f d q d v h h v f r d ) h u d d " d q g r x p d v h d r p d q x d o p d l v h l v h q v d a , v h q g r h q f r q w d g r v 2 6 d u l j r v t x h i r u d p u h g x " l g r v d 5 t x h v h h q f d l d p q r u h f r u h g h q r v d s h v t x l v d . S h q g r d v l p , r e v l y h p r v , d r w v d o q d v g x d v s a v l i r u p d v , 1 9 d u l j r v t x h d s u h v h q v d y d p p h w g r o j l d v g h s h v t x l v d h l q v h u y h q r g h r u h q v d r s v l f d q d o v l f d x l d " d g d v h p h v f r d v s e d f d v , g h v f u y h q g r r v v h x v h i h l w v r e u h r v v x r h l w v h r

surfhw r h g x f d v l y r . N r l q f a p r v q d s h v t x l v d l q v h y h q h v u h d d " d g d v h p h v f r a d v s u y d g d v r x i r u d g r B u d l o r x d l q g d t x h q r s r v x h p r u h q v d r s v l f d q d o v l f d h y l g h q v n .

A s d u l u g r v 1 9 d u l j r v t x h v h h q f d l j d p h p q r w d s u r s r w d g h s h v t x l v d , u h d d " d p r v x p d g l y l v r g d v p h w g r a j l d v x l d " d g d v h j x q g r t x d v r f d v h j r u d v s d q f l s d l v : p h w g r a j l d v f r d v l y d v ( 8 ) , p h w g r a j l d v f r d v l y d v f r p r x w r v u h f x u r v d o p g d s d a y u d ( 4 ) , h w x g r v g h f d v r ( 4 ) h p h w g r a j l d v l q g l y l g x d l v ( 3 ) . E q u h v d q w , h p e r u d w g r v h w h v w d e d d r v d s u h v h q v h p p h w g r a j l d v r u h q v d g d v s h a d s v l f d q d v h , s h u f h e h p r v , h p x p d v h j x q g d u h y l v r , t x h d v g x d v a l p d v f d v h j r u d v q r d s u h v h q v l p f d u v h u g h l q v h y h q r , r t x h f r a f d p r v f r p r f u l w u r s d u d d v h d r g d v s u v l f d v d v h u p d q d d v d g d v . O v h w x g r v g h f d v r ( R r f k d , 2 0 2 0 ; A u f k d a j h a h w d o , 2 0 2 1 ; S l o y d h w d o , 2 0 2 1 ; S l o y d J q l r u h w d o , 2 0 2 1 ) g h w d f d p s u l q f l s d q h q v n r d f r p s d q k d p h q w u h d d " d g r f r p x p d a q r g h q w r g h x p d h v f r a d h s u r p r y h p x p d u i d i j r v n u f d u i h u h q v n d r f d v r . J d v p h w g r a j l d v l q g l y l g x d l v ( C r w d & M h g h l u r v , 2 0 1 8 ; C r w d h w d o , 2 0 2 1 ; F h u d " , 2 0 2 1 ) v r d u l j r v t x h w d v l p g r i d " h u g r s v l f a j r - s v l f d q d d v d q r f r v l g l d q r h v f r a d u

A s h v d u g r v h w x g r v g h f d v r h g d v p h w g r a j l d v l q g l y l g x d l v v h u p u h d y d q v n v , h w h v w d e d d r v q r v h h q f r q w d p q r h v f r s r g h q r w d s h v t x l v d s h a d x v q f l d g h x p d l q v h y h q r h j s o f l v d . A w l p , g h f l g l p r v v h j x l u f r p r v 8 d u l j r v g h p h w g r a j l d v f r d v l y d v t x h i d " h p x v r s u i h u h q f l d o g d s d a y u d h f r p d t x h d v 4 t x h x v d p r x w r v u h f x u r v d o p g d s d a y u d . D h i r u p d d d j u x s d u h w h v 1 2 w d e d d r v , h d j h p r v r q r p h Q p h w g r a j l d v g h h v f x v d q r f r d v l y r i . D h w h p r g r , d s u h v h q v l h p r v r v u h x p r v g r v d u l j r v h x p d v a l e h a d h v t x h p v l f d , h h p v h j x l g d , x p d d q d v h g r v g d g r v r e v l g r v .

## OÄÉËŸÁÍú ÀxÀÊuÉ'"ÀÊ

1. *Cr qvlg h u d h v v r e u h r v d i h w v h y l r o q f l d v q r h v s d r h v f r a d u f r q y h u d h v f r p s u i h w r u h v* ( A u h j x ' & C r x v l q k r , 2 0 1 5 )

O d u l j r s u r s h x p d u i d i j r v n u f d d s d u l u g d r i h u d g h h v s d r v g h f r q y h u d r d s u i h w r u h v , x p d y h " s r u p v , w v d d " d q g r 1 0 h q f r q w r v , f r p s d u l f l s d r y r a q w u d h f r p p g l d g h 1 5 s u h v h q v n v . O v d x w u h v g h w d f d p g r l v u f r v g d l q v h y h q r : r s u l p h l u r , u a l f l r q d g r f r q v d v d q v i h u q f l d , s h a i d v r g d v s h v t x l v d g r u d v v h u p v l p e p s u i h w r u d v ; h r v h j x q g r , d v x d r s h g d j j l f d , d r w d " h u l g h l d v g d s v l f d q d v h h g d v f l q f l d v r f l d l v , h j d v l p h q v n d g h p d q g d g d l q v l w x l r h g h d j x q v s u i h w r u h v .

O v s u h w x s r w r v v n u f r v g d p h w g r a j l d h q f r q w d p - v h q r g l v s r v l y r g h f r q y h u d r i r u p d d " d g r s r u M l a h u v x w h q v d g d s r u f r q f h l w v s v l f d q d o v l f r v g d f o q l f d i u x g l d q d , f r p r d d v r f l d r d y u h h d w d q v i h u q f l d , h d q r r i u x g l d q d g h p d e h w d u q d f l y l d " d r . A v d x w u d v g h w d f d p r h w d e h d f l p h q w g h x p d d v r f l d r d y u h f r d v l y l " d g d , p d v f r p d s u h v h q d g h f h u r p h g r g h i d a y g h y l g r s u h v h q d g h s r w y h l v r d k h l u r v q r j u x s r .

Q x d q w d r v h i h l w v v r e u h r v s u i h w r u h v , d d f r d l g d g r p d e h w d u g r f h q v n s h u p l v x x p g h v a f d p h q w g d s r v l r g h t x h l j d h l p s r w q f l d s d u d d d u l f x a d r g h q r y d v y l d v g h d v x d r , d p s d d q g r d v s r v l e l d g d g h v g r i d " h u h g x f d v l y r . A f r q y h u d r s u r s l f l r x r v x j l p h q w g h v d g d v s u s u d v i u h q v n d r v s u r e d i p d v h q i u h q w d g r v , h d f l u f x a d r g h q r y d v s u r g x h v g l v x u l y d v g h q w r g d h v f r a d , i d " h q g r h p h j l u r g h v h m g h h q v l q d u

2. P v f d q d v h h E g x f d r : x p v d v l p h q w r s r w y h o s d u d d v t x h l / d v h v f r æ l u h v (L l p d h w d o, 2015d)

O d u l j r d s u h v h q v æ l x p d u i d i | r v h u l f d v r e u h d p h w g r æ j l d g h f r q y h u d r . A s d u l u g d g h p d q g d g h x p d h v f r æ l s r u d v h q g l p h q w r l q g l y l g x d o g h x p q p h u r h o y d g r g h h w x g d q v h v, i r l s u r s r w æ l x p d f r q y h u d r g h r u h q v æ l r s v l f d q d o v l f d f r p s u r i h w r u h v, f r p r r e r h v l y r g h e x v f d u d u h v s r q v d e l d " d r g d t x h o v h q y r æ l g r v q r s u r f h w r g h h g x f d r . F r u d p u h d d " d g r v 16 h q f r q w r v f r p g r l v j u x s r v g h s u r i h w r u h v (p d q k h v æ l u g h), t x l q " h q d q p h q v h, g x u d q v h x p d q r . D h w æ l f d - v h t x h r j u x s r g d v æ l u g h v h y h s d u l f l s d r l q i h u r u d r g d p d q k , r t x h v h d v æ l e x l x s u h v h q d g h x p d v x s h u y l v r u d g d h v f r æ l q r j u x s r .

O v h | w g h v f u y h d p h w g r æ j l d g h f r q y h u d r f r p r d s r l d g d s h æ l v l f d g r g h v h m h g d u h v s r q v d e l d " d r . S h x s u h w x s r w r s r w l e l d v æ l u d f l f x æ l r g d s d æ l y u d, h p x p d d v r f l d r d y u h f r d v l y l " d g d, æ f d d " d q g r r v s r q w r v g h p d e h w æ l u h s u r p r y h q g r d g h v l g h q v l f d r g r v v x r h l w v d r v v l j q l i l f d q v h v y l q g r v g r g l v f x u r g r O x w r . A f r q y h u d r y l v d d q r p h d r g r p d e h w æ l u w f d q g r h p d j r g r u h d o g r v x r h l w, s u r p r y h q g r d s u r g x r g h x p v d e h u s u s u r d f d g d x p . O p d v h u d o i r l d q d d v d g r s h æ l v h r u d g r v g l v f x u r v h s h æ v h p s r o j l f r g h L d f d q .

S r e u h r v h i h l w v r e u h r v x r h l w, g h w æ l f d - v h d s d w d j h p g d v t x h l | d v h l p s r w q f l d v s d u d x p d l p s d f d r q r s u r f h w r h g x f d v l y r, u h f r q k h f h q g r d l p s r w l e l d g d g h l q h u h q v h d r h g x f d u E w h p r y l p h q w s u r s l f l r x r f r p s d u l k d p h q w g h v r æ h v s u s u d v t x h, h p d j x q v f d v r v, w æ l u d u p - v h s u r s r w æ l v f r d v l y d v g h q w r g d h v f r æ l à f r p r d f u d r g h q r y r v h s d r v g h i d æ l .

3. P v f d q d v h, h g x f d r h u g h v v r f l d l v y l u x d l v : h v f x v æ l q g r r v d g r d v f h q v h v q d h v f r æ l (L l p d h w d o, 2015e)

O d u l j r d s u h v h q v æ l x p d u i d i | r v r e u h d p h w g r æ j l d g h f r q y h u d r . O v s h v t x l v d g r u h v i r u d p g h p d q g d g r v s r u x p d h v f r æ l s æ d f d t x h h w æ l y d v y r æ d v f r p r v æ u e d h p d v g r x v r h l f h w l y r h l q d g h t x d g r g d v u h g h v r f l d l v g d l q v h u q h w s h æ v d g r d v f h q v h v i (L l p d h w d o, 2015e, s. 422). F r u d p r u j d q l " d g r v, f r p r v d æ q r v, j u x s r v g h f r q y h u d r g h r u h q v æ l r s v l f d q d o v l f d æ l f d q l d q d, d s r l d g r v s h æ l v l f d g r g h v h m h g d u h v s r q v d e l d " d r . O v s d u l f l s d q v h v g h f d g d j u x s r i r u d p g h v h u p l q d g r v s h æ l h v f r æ l à q r r e w æ l q v h, f d g d d g r d v f h q v h i r l f r q y l g d g r d s d u l f l s d u h s r g h u d p x g d u g h j u x s r v h d v l p g h v h r æ d v h .

O v d x w u h v u h w d æ l p t x h d f r q y h u d r r s h u d s h æ l h v f x v æ l g r l q f r q v f l h q v h, g h i r u p d t x h d t x h o t x h f r q g x " f r æ f d - v h h p x p d s r v l r g h q r v d e h u i d " h q g r f r p t x h r r x w r i d d h s h u p l v æ l d æ f d d " d r g r s r q w r g h l p s d w h h g h p d e h w æ l u g r v x r h l w, u y h æ l q g r d j r g d v x d u h æ l r f r p r O x w r h f r p v h x p r g r g h j r " r s r u p h l r g r v l j q l i l f d q v h v s u y l d j l d g r v q r g l v f x u r . P d u d v æ l o g h w æ l f d - v h r s d s h o g d v æ l q v i h u q f l d h g d d v r f l d r d y u h f r d v l y l " d g d .

S r d s r q v æ l g r v r v h i h l w v h p f d g d x p g r v t x d w r j u x s r v i r u p d g r v . N r s u l p h l u r, s d w d - v h g d l p d j h p s d æ l y u d: g h v l q y h w l q g r d v l p d j h q v g d v u h g h v r f l d l v h y d æ u d q g r d s d æ l y u d, f r q w æ l w x - v h x p d g l p l q x l r g d d a j v l d f æ v d g d s h æ u h d o g d s x e h u d g h . N r v h j x q g r, s d w d - v h g r g l v f x u r g r O x w r s d u d s r v l r g h i d æ l u h p q r p h s u s u r : r v æ l u p h q w g d v s u s u d v t x h w h v, f r p r d d g r d v f q f l d h d v h | x d d g d g h . N r v h u f h l u r, s d w d - v h g r d w s d æ l y u d: g h v l g h q v l f d q g r - v h g r v l j q l i l f d q v h p d æ f r, r v d g r d v f h q v h v s x g h u d p l q l f l d u x p v æ l u p h q w

v l p e d f r g r u h d o g d s x e h u g d g h . N r t x d u w , s d w d - v h g d v h j u h j d r d f h l v d r g d g l i h u q d : l q f a l - v h x p l q v h j u d q v h g r j u x s r v x s r u d q g r v x d g l i h u q d h v h x p r g r g h j r " r .

4. *Agr d n f h u f r p A u h ( h s v l f d q d v h ) : s u r t h v r v h v f r a l h v ( P r d & F d l w r q 2016)*

O d u l j r d e r u g d g r l v s u r t h v r v r j d q l " d g r v h p x p d h v f r a l s e d f d i h g h u d o q r R l r g h J d q h l u r : R h i d " h u h M a l s a d v V r " h v , d p e r v f r q w a x g r v m a q w f r p d h t x l s h h v f r a l u O s u r t h v R h i d " h u h p f r p r r e r h v l y r d s r l d u r v d a q r v t x h h w r t h i d " h a q r v u h v h v d p e p v x d v i d p d d v q h v h p r p h a q w . F r u d p u h d d " d g r v 10 h a q r q w r v q r v t x d l v i r u d p h p s u h j d g d v g l i h u q v h v g l q p l f d v g h j u x s r t x h h a q r g y d p g l y h u r v v l s r v g h d u h . P r u p h l r g r f r q v d w f r p h l s u h w h v d u w l f d v , e x v f r x - v h s h u p l v u x p d d e h u x u d v x e d p d w u d , f d s d " g h d s d " l j x d u d d a j v l d h g h Q ( h ) h w d e h d f h u d v l j q l i l f d r g r s u r f h v r h v f r a l u ( P r d & F d l w r q 2016 , s . 837 ) .

N r s u r t h v M a l s a d v V r " h v , i r u d p x v l d " d g r v v h l v w t x h v h y l u d p g h j d v d k r s d u d v g l v f x w h v . A s d u l u g r h a q r q w r h a q v h r v p r g r v g h l s u h w r g r v m y h q v h r d v s h f w s r v l f r g r v v h l v w , r v d g r d n f h q v h v f r q w a x u d p x p d l q v u d f h h a q v h h w h v g r l v p x q g r v . O v s d u l f l s d q v h v s u r g x " l u d p u h i d h l h v a g h y d d g d v i r u p d v , f r p r i d a l , h v f u d l h g u d p d w l d r a , t x h s r w l e d v a l u d p d s h u f h s r g d v Q r " h v i t x h r v d v a d y h w d y d p h d k h v s h u p l v u d p r u h f r q k h f l p h a q w l g h q v l f d w u r h d d s u s u d r v l p e d f d .

C r p r f k d y h g h d h v x u d , d v d x w u d v x v l d " d u d p d f r q f h s r g h d g r d n f q f l d f r p r x p p r p h a q w g h s d w d j h p g r p x q g r l q i d q v l o d r d g x a w , q r t x d o r v x r h l w g h y h l u d o p g d p h w i r u d s d v h u q d h y d d g d u v x d l q v f u r q r f d p s r g r O x w r . P d u l w r , d v d x w u d v i d " h p d d s r v a l q d d u h , q d i d q v a l d h q d v x e d p d r , f r p r i d f l o d v g r u h v g h w d u d y h w l d , i u h q v h d r h p s r e u h f l p h a q w g h u r v g h s d w d j h p .

O v h i h l w v u h a l v d g r v v r q r y d v l g h q v l f d h v h r v a l v a p h a q w g d d a j v l d s r u p h l r g d d s u s u d r v l p e d f d g d v h l s u h w h v d u w l f d v . N r s u r f h v r h g x f d v l y r , g h w a l f d u d p d g l p l a x l r g d h y d v r h v f r a l u h x p d p h k r u d f h l v d r , s r u s d u h g r v m y h q v h g r v i d p l d d u h , g h t h i d " h u d v u h , h x p d d s u r l p d r g r f r q v h g r v a d q v p l v g r q d h v f r a l g d y l y q f l d d g r d n f h a q v h .

5. *E v f x v a l q g r r v v x e v h u q h r v g d f x a x u d : u d f l v p r h v x v s h l r h p x p d f r p x q l g d g h h v f r a l u ( M x v d w l - B u d j d & R r v d , 2018)*

O v h l w d e r u g d x p g l v s r v l y r g h l q v h y h q r x v l d " d g r : G u x s r v g h C r q y h u d , g h i u t x q f l d v h p d q d o g x u d q v h r k r u l r g d v d x a v , f r p d s d u l f l s d r y r a q w u d g h d g r d n f h a q v h v g h 14 d 16 d a r v , g x u d q v h x p d a r h p h l r . A s h g l g r g r v s d u l f l s d q v h v , r j u x s r v h f r q w a x l x d s h q d v s r u u d s d " h v , Q r q v l g h u d g r v s h a v h g x f d g r u h v f r p r l q g l v f l s d a d g r v , y l r d h q v v h g h v f r p s u r p l w d g r v i ( M x v d w l - B u d j d & R r v d , 2018 , s . 3 ) , p d v t x h v x v h n q v a l u d p r f r p s u r p l w r h r f x s d u d p r h v s d r g r j u x s r . O d u l j r d e r u g d r v h i h l w v s u r g x " l g r v q r v v x r h l w v d g r d n f h a q v h v s h a l f l u f x a l r g d s d a y u d , t x h s h u p l v x d f r q w a x r g h v h q v l g r v , q r p h d h v h u h f r q k h f l p h a q w v t x h q r s d v d y d p s h a g l v f x u r g d h v f r a l , p d v s h a l s h u s h f v l y d l a g y l g x d o h s h a l v a r f d f r d n v l y d . A w l p , i r l s r w y h o d g h v l g h q v l f d r d r v l j q l i l f d q v h v d g y l a g r v g d h v f r a l , t x h r v p d q v l a k d p q r a j d u g h u h w r q r g l v f x u r v r f l d o

6. *O E q a l f h h a q v h P v l f d q d v h , E g x f d r , C l q h p d h d E / s h u l q f l d A g r d n f h a q v h ( G x u n l h w d o , 2019)*

O d u l j r s u s h x p d u h i d h l r v r e u h x p s u r t h v r u h d d " d g r h p x p d h v f r a l s e d f d g h P r u w A d j u h , v h p d a d a p h a q v h , f r p d g x u d r g h 6 p h v h v , r C l q h q d E v f r a l . T u d a l - v h g h x p d p h w g r a j l d t x h f r q n a j d v h w h v

ghflqhp dfr p ddehuxudgh hvs d r vgh flufxæ r gds dæyud, t x h v x j h g d u h f x v d g r f l q h p d f r p r l q w x p h q w  
glg v l f r h x v d w u r , f r q f h e l g r f r p r u h s u r g x w u g h x p d y h u g d g h u j l g d , s d u d s h q v - æ f r p r i d f l d v d g r u g h  
d s u s u d r h l g h q u l f d r g r v d g r d n f h q v n s d u d f r p d v q d u d v y d v d s u h v h q v d g d v . O s u r r h w y l v d d f u d r d s d u l u  
g r , h q r , h q f r q w r . O n q w h r v m y h q v , d v q d u d v y d v l p d j v l f d v h d h v f x v d g d v s h v t x l v d g r u d v i ( G x u n l h w d o , 2 0 1 9 , s .  
2 ) , u h d d " d g d h p v d q v i h u q f l d f r p d d n q r i æ v x d q v n . P d u d d d q d n h g r p d n u d o x v l d " d g r l v f r q f h l w v s u q f l s d l v :  
r g h s u r i d q d r , g h d f r u g r f r p A j d p e h q , h r g h h j s h u q f l d , h p B h q r d p l q . A s r w d q g r h p x p f l q h p d f r p r x p  
O x w r q r - w g r , e x v f d p v d l u g r f d u v n u h s u h v h q v d l y r g d l p d j h p , g h i r u p d t x h d j r q r y r , g d h j s h u q f l d , v x u d ,  
s u r i d q d q g r r v v h q v l g r v h w d e h d f l g r v .

C r p r h i h l w v g h w h s u r r h w , g h w d f d p t x h r v d g r d n f h q v n s r g h p s u r g x " l u v h q v l g r v s u s u l r v h y d u d g r v ,  
t x h l q f l g h p h p v x d u d r f r p d s d æ y u d , s r w l e d v d q g r t x h d g h q v h p d h j s h u q f l d , t x h v s r g h v h u f r q w x g d  
g h i r u p d f r d n l y d , q d s d w d j h p d g r d n f h q v n , t x d d i l d q g r - r v f r p r v x r h l w v . Q x d q w d r v h i h l w v q r s u f h w r  
h g x f d l y r , v r d s r q w d g r v j l u r v h p r y l p h q w v t x h u h d d " d p d s u r i d q d r g r æ j d u g d h v f r æ , g d q g r - d x x p x v r  
g l i h u h q v n g r v x d o h s h u p h d g r s h æ h j s h u q f l d d g r d n f h q v n .

#### 7. *Agr d n f q f l d , E q v l q r M g l r h s u r r h w v g h y l g d q d h v f r æ s e d f d* ( J x f , 2 0 2 0 )

O d u l j r d s u h v h q v d x p d u i d h j r e d v h d g d q d u h d d " d r g h x p j u x s r g h f r q y h u d r f r p d g r d n f h q v n  
h p x p d h v f r æ s e d f d g h F r u d d " d . A s u s r w d v x j h g d s u h r f x s d r g r v h g x f d g r u h v f r p d v d g h p h q v d o g r v  
d æ q r v , h p i x q r g d v p d q l i h w d h v g h v r i u p h q w s v t x l f r h p d g r d n f h q v n g r h q v l q r p g l r . A f r q y h u d r  
r f r u h x h p h l v h q f r q w r v , q r f r q w d v x u r g d v d x æ v , f r p v h v n s d u l f l s d q v n v , l q v f u w v y r æ q v d u d p h q v n .

A d x w u d g h w d f d r s u h g r p q l r g r v n p d q h s r l v g d i r u p d n x u d i ( J x f , 2 0 2 0 , s . 3 9 6 ) , d r t x h h æ d u l e x l v x d  
d s u h v h q v d r f r p r s h v t x l v d g r u d h p x p d x q l y h u l g d g h . A d x w u d g h w d f d r j u x s r g h f r q y h u d r h q t x d q w x p  
h v s d r g h i d æ , v æ g h " r q l f r , h p t x h r v d g r d n f h q v n s r g h p v h r f x s d u g r i x w u r , g h v x d v s u h r f x s d h v h g h v h m v  
u h æ f l r q d g r v d h d , t x h h w r g l u h v d p h q v n d j d g r v d r p d o h w d u h d r v æ d d k r s v t x l f r l q v n q v r f d u d f v n u w l f r v g d  
d g r d n f q f l d . C r p r s u q f l s d o h i h l w g d f r q y h u d r , g h w d f d t x h r v d g r d n f h q v n s x g h u d p . O d æ l u r e u h v l f r p r  
x p r x w r p r g r g h d g d u f r p r p d o h w d u ( J x f , 2 0 2 0 , s . 3 9 6 ) . s u r g x " l g r x p v d e h u t x h s d u n g d v f r q w x h v  
v l q j x æ l u h v r e u h v x d v d g r d n f q f l d v , t x h h q y r q y h p d v h s d u d r g d d x w u l g d g h g r v s d l v h d l q v n s u h v d r g r g h v h m  
g r O x w r . S d e h u t x h v l q j x æ l u q d p h g l g d h p t x h g h f d g d x p , p d v v n p v x d f r q w x r f r d n l y d q r g l v s r v l y r  
g d f r q y h u d r .

#### 8. *R h g x r g d l g d g h g h R h v s r q v d e l d g d g h C u l p l q d o q d P h u s h f v l y d g h A g r d n f h q v n* ( M d u l q v h w d o , 2 0 2 1 )

O d u l j r d s u h v h q v d x p d g l v f x w r v r e u h u r g d v g h f r q y h u d u h d d " d g d v f r p d g r d n f h q v n . F r u d p u h d d " d g d v  
g x d v u r g d v g h f r q y h u d , f d g d x p d f r p 5 0 p l q x w v , h p x p d h v f r æ s e d f d , v r e u h d s u s r w d g h u g x r g d  
p d l r u l g d g h s h q d o g h 1 8 s d u d 1 6 d q r v . C d g d u r g d g h f r q y h u d i r l u h d d " d g d f r p x p j u x s r g l i h u h q v n g h  
d g r d n f h q v n . A o p g l w r , i r u d p u h d d " d g d v h q v h y l w d v f r p d g r d n f h q v n f x p s u q g r p h g l g d v r f l r h g x f d l y d , p d v  
q r g l v f x v l u p r v h w d s d u n g r h w x g r s r u h w d u i r u d g r q r w r u h f r u h h s r u h q v n a g h u p r v t x h r S l w n p d  
S r f l r h g x f d l y r s r w x l s d u l f x æ l u g d g h v l p s r u d q v n . A v u r g d v g h f r q y h u d v h r u h q v d y d p s r u s h j x q v d  
q r u h d g r u d h g r f x p h q v d g d v s r u g r l v r e v h y d g r u h v . O s u q f l s d o h i h l w q d u d g r i r l d h æ l e r u d r g h s r v l h v

vxerhlydv, q r v v reuhtxhwr gh lq flr, p dv v l p e p v reu r v s u s l r v l p s d w h v y l g r v q d d g r d n f q f l d h q r  
 æ r v r f l d o O g h e d v h q w h s d u h v h d v x w h q v æ l r g d g y l g d s h æ s d u h g r v p h g l d g r u h v G r w l e d w x d f r q w æ r  
 g h f r q k h f l p h q w f r q n æ q w i ( M d u l q v h w d o 2 0 2 1, s. 1 3) h q w h r v d g r d n f h q v h v t x h v h f r æ f d d p f r p r G æ x w u h v,  
 v æ q w g h v x d v s u s u d v k l w u d v t x d q w v g d v k l w u d v r f l d l v t x h v r f r q w æ g d v f r v l g l d q d p h q v h i ( M d u l q v h w d o  
 2 0 2 1, s. 1 4).

9. *Agr d n f h q v h v, P u r i h w r u h v h P v f d q d d w æ l v x p d l q v h y h q r f o q l f r s r o l f d* ( P u l p r h w d o, 2 0 2 1)

O v h | w w æ d æ g h x p d p h w g r æ j l d q r p h d g d f r p r j u x s r g h f r q y h u d. F r l r i h u æ d g r x p j u x s r g h f r q y h u d  
 v h p d q d o g x u d q v h x p d q r s d u d d g r d n f h q v h v g h x p d h v f r æ l h p S r P æ x æ, d s d u l u g h x p d s u s r w æ l f r q w æ g d h p  
 g l æ j r f r p d f r r u g h q d r g d h v f r æ l. O r e r h w y r g d s u s r w æ l i r l r g h i d " h u f l u f x æ l u r v d e h u g r v d g r d n f h q v h v. A r  
 i l q d o g r w æ d æ d r f r p r v d g r d n f h q v h v, i r l g d g r x p u h w u g r h v f r æ l d w æ l y v g h x p d u h x q l r f r p r v s u r i h w r u h v,  
 s d u d h v f x v æ l u v l æ d h v f r q i d v l y d v y l y l g d v s h æ v s u r i h w r u h v.

O w æ d æ d r i r l d q d d v d g r h p w æ v v h p s r v, h p d æ v r d r v v h p s r v o j l f r v æ l f d q l d q r v. O l q w æ q v h g h y h u t x h  
 h q y r g h d d s u h v h q v æ l r g d v s v l f d q d d w æ l s d u d d h v f r æ l h s d u d r v d g r d n f h q v h v, r v h p s r g h f r p s u h h q g h u t x h g l "  
 u h v s h l w f r q w æ r g r j u x s r g h f r q y h u d, h r p r p h q w g h f r q f æ l y t x h d e u h p s r w l e d o g d g h v s d u d t x h r v  
 s u r i h w r u h v f r q w æ d p v d g d v æ q w d r v h w æ g d q v h v.

A l q v h y h q r s u r p r y h d d e h u æ u d s d u d d v t x h w h v d g r d n f h q v h v y l v d q g r d s u r g x r g h x p v d e h u q r  
 w g r. T u d æ v h g h x p d f r q w æ r v l æ j x æ l u d g r d n f h q v h v, p d v v l p e p g d l q v h u r h p x p æ l r g l v f x u l y r,  
 f r p s d u l æ d q g r d k l w u d g h v h v h p s r.

10. *A j y h q w æ g h E q - C h q d q d E v f r æ t d h g x f d r q r h q f r q w r f r p d f l g d g h* ( R r f k d & L l p d, 2 0 2 1)

O v h | w d s u h v h q v æ l x p d u h i d | r v r e u h x p d r i l f l q d g h i r w j u d i l d v, u h d d " d g d f r p d æ q r v g r E q v l q r M g l r  
 g h x p d h v f r æ l h w æ g x d o g h h g x f d r s u r i l w l r q d o q r C h d u. P d u l f l s d u d p 1 2 d g r d n f h q v h v, h q w h 1 4 h 1 8 d q r v,  
 v h d f l r q d g r v s r u v r u h l r d s v l q v f u l h v, h p 1 2 h q f r q w r v t x l q " h q d l v. A l q v h y h q r f r q v l w æ h p w æ v p r p h q w v:  
 q r s u l p h l u r, s u h s d u d w u l r, w æ d æ d r x - v h f r p d k l w u d g d i r w j u d i l d, v h x s r v h q f l d o v x e y h u l y r h r u h q v æ l h v  
 w f q l f d v s d u d i r w j u d i d u f r p f h o x æ l u h v; q r v h j x q g r, p r p h q w g h l q v s l u d r, i r l i h l v æ l x p d y l v æ l d r M x v h x g h  
 F r w j u d i l d g h F r u æ d " d h d f u l d r g h x p s h u l o q r l q w æ j u d p s d u d d f h w d u d s u r g x r g h r x w r v d u l w æ l h v l p e p  
 s d u d f r p s d u l æ d p h q w g d v i r w v i h l v æ l s h æ v d g r d n f h q v h v; q r v h u f h l u r, i r l g d g d d r u h q v æ l r s d u d t x h  
 i r w j u d i d w h p l q w æ q v h v g r f r v l g d q r t x h æ h v f k d p d w h p d d v h q r, v r e u h r t x h f d g d x p i d æ l y d h p u r g d v g r  
 j u x s r, y l v d q g r d f l u f x æ l r g d s d æ l y u d. A r i l q d o r v m y h q v v h d f l r q d u d p s u r g x h v s d u d x p d h | s r v l r q d h v f r æ l.  
 A d q d v h g d w æ q v f u l r g r v h q f r q w r v h g r v u h j l w æ v u h d d " d g r v v h g h x s h æ l v h r u d g r v g l v f x u r v g h L d f d q.  
 S h j x q g r r v d x w u h v, r x v r g d i r w j u d i l d f r p r f u d r d n y r x G r q w æ r g h q d u d v l y d v t x h d n y d y d p h p f r q v æ l d  
 g l p h q v r g d d æ h u l g d g h i ( R r f k d & L l p d, 2 0 2 1, s. 1 8) d s d u l u g d v w æ f d v g r j u x s r. E w d d w l y l g d g h f u l d g r u d v æ l p  
 s h u p l v æ t x h r v x r h l w v i l " h w h p æ l r f r p r h v s d r g d f l g d g h, d w æ l y v g h x p p r y l p h q w g h v l j q l i l f d r g d v  
 l p d j h q v t x h d s r q w æ h q d g l u h r g r s u s l r g h v h m æ x p d p h w i r u l g d r s h u d r d g r d n f h q v h v. S d l a g r g r v d e h u  
 j h q u f r g r g l v f x u r x q l y h u l w u l r, g h u s u r g x r g h q w æ r g d h v f r æ l, r v d g r d n f h q v h v s d w d u d p d x p d s r v l r  
 k l w u l f d, t x h w l r q d g r u d, f r q g x " l q g r - v h d x p d q r y d s r v l r i u h q v h d r v d e h u

11. *Pvlf r σ j l d h v f r æ l u h d x w p x v l æ l r q d d g r d n v f q f l d : u h æ l w g h x p d l q v h y h q r* (Sd q w v h w d o, 2021)

O d u l j r d e r u g d d p h w g r σ j l d r i l f l q d Ó h q v d u h d j l u h p f h q d i, s h q v d g d d s d u l u g d h v f x v l g h d g r d n v f h q v h v, g h f r u h q v h g d g h p d q g d g d r u h q v l g r u d h v f r æ l u g h x p d h v f r æ l q r D l w d l w F h g h u d o g h y l g r d f d v r v g h d x w p x v l æ l r. P d u l f l s d u d p 15 d g r d n v f h q v h v l q g l f d g r v s r u d s u h v h q v l u h p t x h l d v g h d x w p x v l æ l r, h p r l w h q f r q w r v. D h v f u h y h - v h d v h j x l q v h p h w g r σ j l d: h p x p s d l p h l u r p r p h q w, d s u h v h q v l p - v h r v h w x g d q v h v h r v f r q g x w u h v g r v h q f r q w r v; h p v h j x l g d, r v f r q g x w u h v i d " h p s h j x q v l v v r e u h r v f r q i d w v h l p s d w h v q d d g r d n v f q f l d g r v h w x g d q v h v, r t x h v x v f l v l d d s u h v h q v l r g h v l v x d h v h h j s h u l q f l d v f r q i d w r v d v; h q w r, h v f r d k h - v h x p d g d v l v x d h v h r v d g r d n v f h q v h v r f r q y l g d g r v d h q f h q - æ l, v h q g r t x h d t x h d h v t x h d w l w h p s r g h p l q v h u r p s h u d f h q d h u d d " d u x j h w w h v; h, s r u i l p, d e u h - v h s d u d d f r q y h u d v r e u h d h q f h q d r h d v t x h w h v h q y r g y l g d v. O v g r l v æ l p r v h q f r q w r v i x q f l r q d u d p f r p r h q v d l r s d u d x p d d s u h v h q v l r s d u d r v r x w r v h w x g d q v h v g d h v f r æ l à r t x h q r h w æ l y d s u h y l w w q d p h w g r σ j l d, p d v i r l l q f r u s r u d g r d s h g l g r g r v s d u l f l s d q v h v. O v h i h l w v d s u h v h q v l g r v h w r u h æ l f r q d g r v h v f x v l g r v m y h q v h h q f h q d r v h d v d o T u d l v - v h g h x p d u i d h l r f r d n v l y d t x h s u r s l f l d f r q w w h v v l p e p f r d n v l y d v s d u d o g d u f r p r v r i d p h q w, s d w d q g r g r g l r, g r g h v h m g h g h w w l r h g d p r u h, s d u d x p d d o g d f r p d g r u t x h q r v h r d s h æ l y d i v l f d, p d v l p s h æ l d r h s h æ l s d æ l y d. P h q v d - v h v l p e p q r d æ l j d p h q w g r v g l v f x u r v g r v d g r d n v f h q v h v s r u p h l r g h w d f r q w w r h s h æ f r p s d u l v d p h q w g h æ l q d i r u p d g d d s u h v h q v l r i l q d o

12. *D l d j q w l f r v l f r - P r o v l f r ( D E P ) : x p g r v p r g r v g h g l d j q r w l f d u d v v l q j x æ l l g d g h v q d v s u v l f d v f r d n v l y d v* (S r x " d & A u f k d a j h æ, 2022)

T u d l v - v h g h x p D l d j q w l f r v l f r - P r o v l f r ( D E P ), x p d h w w d w j l d g l d j q w l f d g h d f r q v n f l p h q w v v r f l d l v à s h q v d q g r h w h v h q t x d q w p r p h q w v h p t x h x p d r u g h p d q v h u r u d e d æ l g d h r u d d l u r p s h à d t x d o e x v f d d f r d k h u r v v x r h l w v h w æ l e h d f h q g r x p æ l r g h f r q v l q x l g d g h t x h d k h v s r w l e l d v h u h v f u y h u x d k l w w l d. A s d u l u g d w æ l q v i h u q f l d h g d h v f x v l, Ó D E P g h d p l v l d v h u l v u d d o g d g h g r d f r q v n f l p h q w, r v d j h q v h v s e d f r v h / r x s u y d g r v t x h q h d d w d p, r v d v u h v s d u l f l s h v h r v g l v f x u r v t x h d d f l u f x æ l p î (S r x " d & A u f k d a j h æ, 2022, s. 54) f r p r i r u p d g h l q y h w l j d u r v x r h l w l q f r q v l h q v h. A l q v h y h q r q d u d g d q r d u l j r i r l u d d " d g d f r p s u r i h w r u d v t x h v h y r æ q v l u d u d p, g x u d q v h r s h u r g r g d s d q g h p l d, g h i r u p d y l u x d o h t x l q " h q d o g x u d q v h q r y h p h v h v. E æ l v h r u j d q l " d h p w a v v h p s r v, v h j x l q g r r f r q f h l w g h v h p s r o j l f r æ l f d q l d q r. N r l q w æ l q v h g h y h u h æ l e r u d p - v h s h j x q v l v q r u h d g r u d v, h w æ l e h d f h - v h d w æ l q v i h u q f l d h u d d " d p - v h r e v h y d h v, f r q y h u d v l q i r u p d l v h h q w h y l w æ l v f r p d f r p x q l g d g h h v f r æ l u s h u p l v l q g r t x h d o j r h p h u d g h i r u p d q r h v s h u d g d. N r v h p s r g h f r p s u h q g h u g h d q h l d - v h h d q d d v d - v h r d f r q v n f l p h q w v r f l d o d s d u l u g r l q h v s h u d g r g r l q w æ l q v h g h y h u l g h q v l f d q g r s r v l h v h i x q h v g h q w r g r d f r q v n f l p h q w. N r v h p s r g h f r q f æ l u k d f r q w l w l r g h x p g l v f x u r d æ l u q d v l y r s r u p h l r g d d g d f u d v l y d f r p d t x l æ t x h d q v h v h u d l q y d v l y r h d u h v s r q v d e l d " d r s r u v x d q r y d s r v l r.

O h i h l w s u l f l s d o d s u h v h q v l g r d i d æ l g h f d g d v x r h l w Ó l s d u l u g h g l i h u h q v h v æ j d u h v, g h s u r f h w r v g h w e r h v l y d r s u s u r v i (S r x " d & A u f k d a j h æ, 2022, s. 58), u h i h u q g r - v h d x p d y l y q f l d f r p s d h l d f r p x p, d s d q g h p l d h v h x v g h v g r e u d p h q w v.

**huvy<sup>2</sup>u: 6**As uhvqvd r gr v Aulj r v f r p Mhwgr æ j l d v g h E v f x v d q r C r d v l y r

ó	²	p	n	r	r	v
<i>Ftsxñjvñ jxxtgvñtxfljyt xj /ñqshñxstjxuf t jxht dñvñ ht s/jvñ jxht r uñkj xxt vñx ðvñl z' ( F t z y s n t / 5 3 4 8,</i>	Hkuf txij ht s jvñ t1	Gxut xryñt i j h t s   j v ñ t j d g t vñi t u t w P rñj vñ Ftshj ñt xuxñf s f qññt x i f h q s rñf kñjz i ñ f s f x x t hñi t qñ vñ j yñ s x j w s hñi 1 Q t t kñjz i ñ f s f i j r f dñ x y f v s f hñ rññf t1		Gj x q h f r j s y t i f v z j rñf j m u t y s hñi u f vñ f f yññz dñ t i j s t   f x   ñ x i j f y z f t / f r u qñ s i t f x u t x x r g rññ f i j x i t kñ"j vñ i z h f yñ t 1 H r j vñ s hñi i t i j x j d i j j s x s f vñ	Q t x t i j x h w y t x 1	Gj r f s i f u t w f yñ ñ f i j i j t vñ s y f t / x j s i t s j h j x x vñ kñ"j w h t s h j x x j x j r t i rññf j x s t u w dñ y t r s rññ dñ Gñkñz dñ f i j x i j r s yñ vñ m z s y t f t x u vñ k j x t vñ x u t vñ f r g r x j vñ r u vñ k j x t vñ x 1
<i>Sxññs ññj j H z h f t = z r yññf r j s y t u t x x / j q u f vñ f x v z j rñf x j x h t dñ vñ x - Q m f j y f dñ 5 3 4 8 f,</i>	Fts jvñ t i j t vñ s y f t u x ñ ñ f s f qññf dñ h f s ñ f s f / f u t ñ i f u j dñ yññf i t i j x j dñ j i f vñ x u t s x f g rññf t 1	Wñ x y j r u t x q l rññt x j y t vñ i t x i rññz vñ t x i j Qñ h f s 1		S f x x f l j r i f m u t y s hñi kñj s y j x i j r f s i f x f t vñ h t sññ hñ j s y t i f m u t x x r g rññ f i j r s j vñ s y f t j i z h f vñ F t r u f yñññ f r j s y t i j x f i f x u w u vññ x j j r j w s hñi i f i rñj vñ s f s t j x u f t h t dñ yñ t 1	Fvñ t i j s t   t x j x u f t x u f vñ f u f dñ   vñ i j s y w i f r s x y z n t 1	S f yñññ u f t i j z r f x z u j vñ x t vñ j r z r i t x l vñ u t x i j h t s   j v ñ t / f x x z r s i t f u t x n t i j qñ j vñ s f i j s y w i t l vñ u t j u vñ   t h f s i t f vñ xñ x y s hñi i t x u vñ k j x t vñ x 1
<i>Sxññs ññj / j i z h f t j vñ j x x t hñi rññ / ñ y z f rññ j x h z y f s i t t x f i t dñ x h j s y j x s f j x h t dñ - Q m f j y f dñ 5 3 4 8 g,</i>	Fts jvñ t i j t vñ s y f t u x ñ ñ f s f qññf dñ h f s ñ f s f / f u t ñ i f u j dñ yññf i t i j x j dñ j i f vñ x u t s x f g rññf t 1	Wñ s x j j w s hñi j f x x t hñi t qñ vñ h t dñ yñ rññ f i f 1 H kñ z y f f u f yññ f u t x n t i j s t x f g j vñ qñ h f dñ f t i t x m u f x j x i t x x z dñ yñ t x s f vñ dñ t h t r t R z y w 1		Gj xñ j s yñññf t h t r t x xñ s rñññf s y j x i t R z y w 1 Wñ yñ r j s y t x m g qññt i t vñ f dñ f u z g j wñ f i j 1 H r j w s hñi i f x i rñj vñ s f x j x z f f h j rññf t h t s y wñ f x j l vñ l f t 1	Q t x t i j x h w y t x 1	J vñ u t x t wñ s rññ f i t x u j dñ j x h t dñ f u f yññ f j xñ s rñññf s y j x v z j ñ j s yññññf   f r t x j x y z i f s y j x 1 Q t j s y f s y t / t x f i t dñ x h j s y j x kñ vñ r h t s   ñ f i t x f u f yññññf vñ yñ j vñ r f qññj wñ f i j j f h j rññf wñ vñ h z x f wñ z r z i f wñ j l vñ u t 1
<i>Di t dñ x h j wñ r Dñj ñ u x ñ ñ s ññj , = u vñ dñ y t x j x h t dñ vñ x ð t qñ l fñ x t dñ 5 3 4 9,</i>	U j kñ"j vñ P gññ dñ x Y t " j x 1	Q t t i j f i t dñ x s hñi h t r t u f x x f l j r i f r j y kñ vñ u f j y vñ f f t h f r u t i t R z y w 1 l s x h wñ t s t dñ t x t hñi q u t w r jññ i f f vñ j / i f kñ s y f xññ j i f x z g rññ f t 1		Wñ yñ r j s y t i f f s l x yññ 1 Gj xñ j s yñññf j x u t w r jññ i f f u vñ u vññ t x m g qññf i f x j S u vñ x x j x f y x yñññf x l V z g rññ f t j r s x h wñ t s t dñ t x t hñi dñ	Gñ r s z n t i f j   f x t j x h t dñ wñ D u wñ s m f t i t h t s y j i t yññ s x r ñññt u j dñ j x h t dñ h t r f   ññ s hñi f i t dñ x h j s y j 1	Q t x t i j x h w y t x 1
<i>Hkñ z y f s i t t x x z g j wñ s j t x i f h z q z vñ = vñ hñ x r t j x z x u j n t</i>	J vñ u t x i j F t s   j v ñ 1	F t s h j ñ t i j vñ u j y n t i f y j t vñ kñjz i ñ f s f j f h t s h j u t i j x z dñ yñ t s t dñ t x t hñi dñ		F t s x y w z t i j s t   t x x j s yññ t x / s t r j f j x j ñ j s yñññf j x v z j s t u f x x f r u j dñ i rññz vñ t i f	D g j y z vñ u f vñ s t   f x u j x v z ñ f x j r s yñ vñ s j x	Q t x t i j x h w y t x 1



ó	²	p	n	r	r	v
j r z r f h t r z s n f i j j x h t q w - P z x f y n E v l f ( U t x f / 534; ,				j x h t q 1	α s y t h t r z s n f i j j x h t q w	
R H q h j j s y j S x h f s q x j / H z h f t / F r s j r f j f H S u j w n s h r i D i t q x h j s y j + z w p n j y f q 534<	F r s j s f H k h t q 1	F t s h j n t i j u w k f s f t j r D l f r g j s / h t s h j n t i j j S u j w n s h r i j r E j s d r s j f s t t i j s t Q t i t j r Q h f s 1		D u f v n w i f u t q x j r n i f x h j s f x / t x f i t q x h j s y j x k f q r i j k t w f h t q y n f / u w i z " r s i t x j s y n t x u w u w x v z j r s h n j r j r x z f y q t h t r f u f q   w j f i j s x f r f j S u j w n s h r i s f u f x f l j r f i t q x h j s y j 1	D u w u w i t i t j x u f t j x h t q w u j q x f i t q x h j s y j 1	Q t x t i j x h w y t x 1
D i t q x h s h r i / H x r s t P i n t j u w q y t x i j   n i f s f j x h t q u g a n f H h / 5353,	J v e u t i j h t s   j v x f t 1	Q t t i j f i t q x h s h r i h t r t z r y r u t i j u f x f l j r i j z r q l f w s t i j x d i t x u f x u f w z r q l f w s t h f r u t i t R z y w 1		D x f i t q x h j s y j x k f q w r x t g v j t k z y w / x t g v j x z x i n j r f x / r s h j v j " f x j r s x l z v w s f x / j y f r g r x t g v j x z x i j x d x / h t s x y z r s i t z r x f g j w x s l z d w k j s y j f t r f q x y f w	Q t x t i j x h w y t x 1	Q t x t i j x h w y t x 1
U j i z t i f l i f i j j U j x u t s x f g r a n f i j F v n r s f q s f S j w u j h y n f i j D i t q x h j s y j x - P f y r s x j y f q 5354,	U t i f x i j h t s   j v x f h t r u j w z s y f x s t v j f i t v x 1	Q t t k j y z i n f s f i j r f q x y f w s f h n r a n f t 1 F t s h j n t k j y z i n f s t i j u z q t 1		H q g t w t i j u t x n j x x z g q y n f x k j y s y j v z j x y t i f i m r s z n t i f r f r u w i f i j u j s f q j y f r g r k j y s y x u w u w i x   n s h r i x j f t q t x t h n i q	Q t x t i j x h w y t x 1	Q t u z i j w r y j f q f w w i f x i j h t s   j v x f s t V n x j r f V t h n j i z h f y n t 1 Q t i j x h j   j m u f x j x s t j x u f t j x h t q w
D i t q x h j s y j x / S w k j x t v j x j S x h f s f q x y f x z r f r s y v j s t h q s n h t u t q n h f - S w n t j y f q 5354,	J v e u t i j h t s   j v x f 1	V y r u t q l n h t q h f s n f s t = r s x y s y j i j   j w y j r u t i j h t r u v j s i j v j r t r j s y t i j h t s h q r w		H q g t w t i f x v z j x y j x j r j w j s y j x s t l v e u t i j r f s j n w x r s l z d w l s x j w t s t q t i n x h z w n t j x h t q w f u f v n w i j x z f x s f w n y n f x 1	R x f g j w h t s x y z i t u j q x f i t q x h j s y j x k t n r s h w a t w i t u j q j x h t q 1	D u f v n h u f t i j f d z s x f i t q x h j s y j x s t x i j z i j k t w f   t q s y w i r f x u t w h t s   t h f t i t x u w k j x t v j x 1
D n i j s y z i j H b f j s f s f H k h t q f j i z h f t s t j s h t s y w h t r f h n i f i j - U t h n i f ( O n f / 5354,	G n x u t x y n t l v e u f q s t k t w f y t i j z r f t k h r s f i j k t y l w k r i x h n i r f i t f j r F j s f q 1	V y t w i t x i n x h z w t x i j Q h f s 1		F t s x y z t i j s f w n y n f x v z j u j w n j r t y w y r j s y t i f f q j w i f i j j t q t h t r f h n i f i j / r f w i f i t u j q i j x d i t f i t q x h j s y j 1	Q t x t i j x h w y t x 1	Q t x t i j x h w y t x 1

ó	²	p	n	r	r	v
<p>Sxht q l n f j xht q v j</p> <p>fz y t r z y r a f t s f f i t g j x h s h n f = R k h n s f A u j s x f v j</p> <p>y j d y t i j z r f r s y j v j s t f l n v j r h j s f q l</p> <p>H f s y t x j y f q / 5354,</p>		<p>Q t y w g f q n f r h t r h t s h j r y t x</p> <p>u x n h s f q y n h t x / r f x x j r s x u n v r</p> <p>j r f z y t v j x v z j f s f q n f r f</p> <p>u x n h s q n j j f j i z h f t s t</p> <p>h t s y j r u t w s j t 1</p>		<p>F t s x y v z t i j r f s j n v x h t g j y n f x</p> <p>i j q n f w h t r t x t k u n j s y t v z j</p> <p>s t u f x x f r u j d i t w k x n h f / r f x</p> <p>u j d f t j u j d f u f d j v r 1</p>	<p>D u v j x j s y f t</p> <p>y j f y n f q u f v r t z y v r x</p> <p>j x y z i f s y j x /</p> <p>h t r u f y n a n f s i t f</p> <p>h t s x y v z t</p> <p>h t g j y n f 1</p>	<p>Q t x t i j x h w y t x 1</p>
<p>G r i l s x y n h t y n h t O t q y n h t</p> <p>G t S, = z r i t x r t i t x i j</p> <p>i n f l s t x y n h f v f x x s l z d f v n f i j x</p> <p>s f x u w y n h f x h t g j y n f x H t z " f (</p> <p>D v n n f s l j q / 5355,</p>	<p>G r i l s x y n h t y n h t 0</p> <p>S t q y n h t G t S, 1</p>	<p>V j r u t q l n h t q h f s n f s t =</p> <p>r s x y f s y j i j j j w y j r u t i j</p> <p>h t r u v j s i j v j r t r j s y t i j</p> <p>h t s h q r w v</p>		<p>H d g t v r t i j z r f l n s h n f</p> <p>h t r u d j S f h t r z r / f u f s i j r n f j</p> <p>x j z x i j x i t g v r j s y t x / i j k t w f</p> <p>h t g j y n f j x s l z d f v r</p>	<p>Q t x t i j x h w y t x 1</p>	<p>R G t S / u t w s y v r i z " n v j k g j S j x</p> <p>x t g v r f x r s x y z n j x / u t i j</p> <p>i j x f l v r i f v r v z j g x v z j f x</p> <p>y u v j x j s y f r 1</p>

### i 3 u 2 y 1 6 E u x u f u v y 2 u

Ov glvs r vlvyr v gh hvfxv d r i h u d g r v q d h v f r æ d h f h e h p g l i h u h q v n v q r p h d h v, p d v w p h p f r p x p d l p s r u w q f l d g d g d h v f x v d h f l u f x æ d r g d s d æ y u d, f r p r s r w y h o r e v h y d u q r v v l j q l i l f d q v n v t x h q r p h l d p d p d l r u d g d v p h w g r æ j l d v. f r q y h u d r, f r q y h u d h y r " h v. D h w æ f d p - v h v æ p e p r v v l j q l i l f d q v n v j u x s r, u r g d h h v s d r, t x h d s r q v æ p s d u d d s u h v q d g h x p æ j d u f r p s d u l æ d g r s d u d d h v f x v d g r v v x r h l v r v.

Ov s u l q f l s d l v f r q f h l w v v h u f r v v æ d e d æ d g r v q r v d u l j r v s u r y p g d f o q l f d s v l f d q d o v f d i u h x g l d q d, f r p g h w æ t x h s d u d d v æ d q v i h u q f l d, d d v r f l d r d y h, d s x æ r h d u s h w r r. F d " h p - v h l j x d q p h q v n s u h v h q v n v r v f r q f h l w v æ f d q l d q r v g h v n p s r o j l f r, d v n r u d g r v g l v f x u r v, æ r v r f l d o h q r - w g r. A d g r d h v f q f l d i r l x p v n p d s u l y d j l d g r q r v d u l j r v, g h w æ f d q g r d q r r g h d g r d h v f q f l d v æ d e d æ d g d s r u F u h x g h L d f d q. C r p r d x w u h v g h r x w r v f d p s r v g r v d e h u t x h f r q w l e x h p s d u d r g l æ j r f r p d s v l f d q d v h, i r u d p f l v æ g r v A j d p e h q h B h q r d p l q.

A s d æ y u d d w x p h x p æ j d u g h g h w æ t x h q d v p h w g r æ j l d v, p d v d j x q v d u l j r v d e r u g d p d x v l d " d r g h r x w r v u h f x u r v q d v l q v n y h q h v, f r p r d d u h, v n j w v s r v l f r v, f l q h p d, i r w j u d i l d h h q f h q d r v n d v d o N r v v a v æ l p r v, d v p h w g r æ j l d v r q r p h d g d v f r p d æ v h v v d u h v t x h x v l d " d p.

O D l d j q w l f r v l f r - P r o v l f r ( S r x " d & A u f k d a j h æ, 2 0 2 2) g h i l q l g r f r p r x p d O n w u d w j l d g l d j q w l f d i ( s. 5 3) t x h, h p e r u d s r w d v h u d s d f d g d f r p r l q v n y h q r h p h v f r æ v, q r s h q v d g d h l f æ v l y d p h q v n s d u d h w h v l s r g h l q w l x l r à p r v l y r s h æ t x d o x s r p r v d g l i h u h q d q r q r p h. A o p g l w r, y d d q r v æ t x h h w h v æ d e d æ r r q l f r u h d d " d g r g h i r u p d y l u x d o g h y l g r v q r u p d v g h g l w æ q f l d p h q w l p s r w æ v s h æ s d q g h p l d. E w n i d w r f r u r e r u d q r w d l g h l d g h t x h r s h u r g r s d q g p l f r g l i l f x æ x d u h d d " d r g h l q v n y h q h v h p h v f r æ v. N r f d v r g d v p h w g r æ j l d v g h h v f x v d q r f r d h v l y r, d v l x d r q r s d u h f h v n u v l g r g l i h u h q v n, h p e r u d s r w d p r v d s r q v æ l u r v æ d e d æ r g h S r x " d & A u f k d a j h æ ( 2 0 2 2) f r p r x p g d t x h d v t x h p d q v n y h d d s r w æ l q d s d æ y u d p h v p r f r p d v g l i l f x æ g d g h v f r æ f d g d v.

Q x d q w d r v s d u l f l s d q v n v q d v l q v n y h q h v, q r y h g h æ v r u h d d " d g d v f r p d g r d h v f h q v n v, h w x g d q v n v g d v h v f r æ v r q g h r f r u h p, h w v f r p s u r i h w r u h v. N r s u p h l u r j u x s r, d s h q d v g r l v d u l j r v u h æ v l p s d w h v g h q w r g d h v f r æ d f r q y r f d r f r p s x æ u d s r u s d u h g h s u r i h w r u h v h f r r u g h q d g r u h v g h g h v n p l q d g r v d æ q r v s d u d s d u l f l s d u g r v j u x s r v g h f r q y h u d. N r v æ d e d æ r g h L l p d h w d o ( 2 0 1 5 e), h q v h v æ l q w r, i r l s r w y h o u h v s r q g h u l p s r v l r d s d u l u g r f r q y l v n g r v s h t x l v d g r u h v d r v h w x g d q v n v s d u d s d u l f l s d r, t x h s r g h u d v h u d f h l v d, q h j d g d, r x s r g h u d p p x g d u g h j u x s r. A v v a v l q v n y h q h v f r p s u r i h w r u h v u h æ v l p s d w h v h h w h v h u h æ l f r q d p s u l q f l s d q p h q v n f r p f r q i d w v l q w l x l f r q d l v r x f r p s h w r d v t x h d u s u h v h q v æ p. E d v s d w d p s r u g h v d f r u g r v q d s u r s r w æ g h l q v n y h q r ( A u h j x ' & C r x v l q k r, 2 0 1 5), s r u l q f p r g r v s h æ v u h i d j h v x u j l g d v q r j u x s r ( S r x " d & A u f k d a j h æ, 2 0 2 2) h d w p h v p r s h æ u h v l w q f l d g r v s u r i h w r u h v f æ x v d g d s h æ s u h v h q d g h x p d v x s h u l v r u d d w x p l q g r x p d s r v l r g h d g h u d q d q d v f r q y h u d h v ( L l p d h w d o, 2 0 1 5 d). O x w r v l s r g h l p s d w h u h æ v l g r u h i h u h q v n f r q w æ v æ d q v i h u q f l d h l s h u p h q v æ g d s h æ v s h v t x l v d g r u d v s r u v æ p e p v h u p s u r i h w r u d v ( A u h j x ' & C r x v l q k r, 2 0 1 5).

T r g r v r v d u l j r v v h d f l r q d g r v g h v f u y h p h i h l w v q r v v x r h l v r v. N r f d v r g h l q v n y h q h v f r p d g r d h v f h q v n v, r v h i h l w v p d l v i u t x h q v n p h q v n p h q f l r q d g r v v r r v æ v æ l p h q w v l p e d f r g r u h d o g d s x e h u g d g h g d d æ h u l d g d g h;

ghvlg hq v l f d r f r p v l j q l i l f d q v n v s u r y h q l h q v n v g d h v f r æ d f r q w æ r g h x p v d e h u v l a j x æ l u h d l q v f d r q r æ r v r f l d o S r e u h r s u p h l u r g h w h v h i h l w v , g h w æ f d p r v d s d w d j h p g d h j s u h w r g r v r i u p h q w s h æ d x w p x v l æ r d x p v æ l p h q w s r u p h l r g d h q f h q d r h g d s d æ y d ( S d q w v h w d o , 2 0 2 1 ) h d h p h u j q f l d g h g l i h u q v n v q d u d v y d v h l p s u h w h v r e u h r v v l u d g d v h f r p s d u l k d g d v h p j u x s r ( R r f k d & L l p d , 2 0 2 1 ) . J v r e u h r v h j x q g r , u h w d æ p r v r s d s h o g d u h f r p r h v s d r s d d s u r f h w r v l g h q v l f d w d r v h d s u s d d r v l p e d f d t x h i d " æ r v r f l d o ( P r d & F d l w r q 2 0 1 6 ) h d s r w l e d g d g h g h v h r f x s d u g h x p i x w u r l q f h w r , p d v l a j x æ l u h p J x f ( 2 0 2 0 ) . Q x d q w d r v h i h l w v q r v x r h l w v - s u r i h w r u h v , r p d l v i u t x h q v n ( A u h j x ' & C r x v l q k r , 2 0 1 5 ; L l p d h w d o , 2 0 1 5 d ) i r l r g h v æ f d p h q w g d s r v l r g h t x h l d h g h l p s r w q f l d s d d d d u l f x æ l r g h q r y d v y l d v g r i d " h u h g x f d w y r , d s d u l u g r f r p s d u l k d p h q w g h v d g d v s u s u d v s r u s d u h g r v g r f h q v n v .

O v h i h l w v g d v l q v n y h q h v q r h v s d r h v f r æ l v r u h æ l v g r v h p p h v l g h g r v d u l j r v . E d n v v r g l y h u r v , l q g r g d d e h u x u d g h q r y r v h v s d r v s d d d s d æ y d q d h v f r æ h s d d l q y h w l j d h v i x w u d v ( L l p d h w d o , 2 0 1 5 d ; M x v d w l B u d j d & R r v d , 2 0 1 8 ) d r f r p s d u l k d p h q w h l q f r u s r u d r g r v d e h u d g r d n v f h q v n q d h v f r æ l ( P u l p r h w d o , 2 0 2 1 ; S d q w v h w d o , 2 0 2 1 ) , s d w d q g r s h æ d s u s d d r g r f r q v n g r h g r h v s d r h v f r æ l u s h æ v h w x g d q v n v , u h v æ l q g r q d g l p l q x l r g d h y d v r h v f r æ l u ( P r d & F d l w r q 2 0 1 6 ; G x u n l h w d o , 2 0 1 9 ) .

## O A ² E y

A s h v t x l v d u h d d " d g d d s r q w x t x h d v p h w g r æ j l d v g h h v f x æ l q r f r d w y r u h f h e h p g l i h u q v n v q r p h d h v h i d " h p x v r g h g l i h u q v n v h w æ d w j l d v g h l q v n y h q r . N r h q v æ l q w , l q g h s h q g h q v n p h q v n g h w d v s d u l f x æ l u d g d g h v , k x p d v l f d h p f r p x p , r u h q v æ l d s h æ g h v h m h s h æ l v l a j x æ l u d g d g h . G x u n l & S w l ' n d æ n l ( 2 0 1 8 ) v l æ d p d v l f d s v l f d q d o v l f d f r p r x p d s r v l r d s d u l u g d t x d o r d q d d w æ l g h y h r s h u d y d t x d o h w w l q v æ l q v h f d p h q v n d w h æ l g d d r g h v h m g r d q d d w æ l , t x h G h v h m g h t x h r r x w r g h v h r n i ( s . 8 3 ) . O d q d d w æ l g h y h v x s r u æ l u d v æ l q v i h u q f l d , s h u p l v l q g r - v h v h u f r æ f d g r h p s r v l r g h v x s r w æ v d e h u s h æ v x r h l w . N h w æ f d g h l d v l j q l i l f d q v n l q f r q v f l h q v n t x h r g l v f x u r , r v x r h l w d f d e d s r u g h s d u d v h f r p v x d i d æ l , d j r q h v n g l v f x u r t x h p d q f d . A r f r q y r f d u r d q d d w æ l s d d v æ l p s r q d u h w æ l i d æ l , h w n G u r p r y h x p j l u r g l v f x u y r , f r æ f d q g r - v h q r æ j d u g h f d x v d i ( L l p d h w d o , 2 0 1 5 d , s . 1 1 1 1 ) . O v x r h l w f r æ f d g r h p s r v l r g h s u r g x " l u x p v d e h u v l a j x æ l u v r e u h v l h v r e u h v h x p d e h w æ l u E w d f r q w æ r g h v d e h u s u s l f l d g d s h æ s r v l r g h q r v d e h u r f x s d g d s h æ d q d d w æ l q r g l v f x u r , h w s u h v h q v n h p w g d v d v l q v n y h q h v d s u h v h q v æ l g d v .

A s u h v h q d g r s v l f d q d d w æ l q d v h v f r æ l v q r v h g v h p l p s d w h v . A r i h u æ l g h h v s d r v s d d d h v f x æ l h d s d æ y d q d v h v f r æ l v s r g h h v e d u d u h p g l i h u q v n v r e w f x æ v , u h v w q f l d v r x l p s d w h v . N d v l q v n y h q h v f r p d g r d n v f h q v n v , d f r q y r f d r r e u j d w u d g h d æ q r v h d i r u p d r g h j u x s r v s u - g h v n u p l q d g r v s h æ l h v f r æ l , s r g h i d y r u h f h u d l g h q v l f d r g r v d æ q r v f r p r v l j q l i l f d q v n v y l q g r v g d h v f r æ l , t x h g l v æ p d s r v l r g h w h v v x r h l w v q r h v s d r h v f r æ l u V l w v f r p r v x e y h u y r v , g h v y l d q v n v ( P u l p r h w d o , 2 0 2 1 ) r x p d æ f r v ( L l p d h w d o , 2 0 1 5 e ) , h d v s r g h p v h l g h q v l f d u f r p h w n v v l j q l i l f d q v n v g r O x w r , u h v s r q g h q g r g h w n æ j d u N d d w æ d g d g h , v r f r p x q v r v v l j q l i l f d q v n v r u j l q d g r v g r g l v f x u r p g l f r - s h g d j j l f r t x h , s r u p h l r g h g l d j q w l f r v h s u h v f d h v , v x e p h v n r v

vxrlwv d xp vdehuxt h dkhv d dkhrl, surslfdp xp d ghvlp s d f d r vxerhlyd, lp shglqgr txh r s u s u r dgr d h v f h q v n i d d n v r e u h r v n x p d e h w d u

Cr p r v s u i h w r u h v, r v r e w f x a v d r w d e d d k r r u h q w d g r s h a d s v l f d q d v h s r g h p v h g d u q d s u s r w d g d l q v n u y h q r (A u h j x' & C r x v l q k r, 2015). F u h t x h q v n p h q v n, d h v f r a d q r f r q v l g h u d d h v f x v d g r v s u i h w r u h v f r p r d g r l p s r u d q v n, p d v v l p d i r u p d r f r q v l q x d g d, p x l v d v y h " h v h l h u f l g d g h i r u p d s u r w f r a u h r u w s g l f d, u h i r u d g d s h a g l v f x u r p g l f r - s h g d j j l f r. C r p r u h v x a d g r g h w d v g h v n p l q d h v, h q f r q w d p r v s u i h w r u h v h p s r v l r g h t x h l d h l p s r w q f l d (A u h j x' & C r x v l q k r, 2015; L l p d h w d o, 2015 d) t x h, g h v d x w u " d g r v h p v n x v d e h u q r p d q l i h w d p r g h v h m g h h q v l q d u M h v p r t x d q g r d h v f x v d d q d o v l f d r s h u d, s u r s l f d q g r d u h w p d g d h d f r q w a r r g r v d e h u s h a v v x r l w v, r v l p s d w h v f r q v l q x d p, f r p r d d p h d d u a f l r q d g d s u h v h q d g d v x s h u y l v r u d q d f r q y h u d r (L l p d h w d o, 2015 d), r x p h v p r r g h v d j u d g r f r p r w d e d d k r u h d o " d g r q d l q w l x l r (S r x " d & A u f k d a j h a, 2022).

O x w r d v s h f w l p s r u d q v n t x h g l " u h v s h l w s r w x u d g r s h v t x l v d g r u d q d d w d r g h f u d u d v f r q g l h v q h f h w u d v s d u d t x h d d w r f l d r d y u h v h g. E w n s r q w, s u h v h q v n h p w g r v r v w d e d d k r v, p d l v r x p h q r v g h v h q y r q l g r h p f d g d x p, y l v d s r w e l o d u t x h r v v x r l w v i d d n p g h v n x p d e h w d u s u r g x " l q g r x p d p x a l s d f l g d g h g h v l j q l i l f d q v n, t x h q r h w r v r e r f r q w r d n g r s h v t x l v d g r u P r u p, w d e d - v h d t x l g h g l v s r v l v y r v t x h w p a j d u q r f r d n v y r, v h q g r d d w r f l d r d y u h, s r u d q w, f r d n v y l " d g d. O s h v t x l v d g r u t x h q r v d e h r t x h v x j l u, g y h h j d u d q v u t x h d s d a y u d f l u f x d q r j u k s r h t x h d t x h d n v t x h s r w x h p r g h v h m g h i d a u r i d d p a v a l h i d t x h h l j h r f r u h n, d w d y v g r d p l v n v n p s r u d o g r v h q f r q w r v h g d v l q v n u y h q h v q d f d g h l d g l v f x u l y d, f r p r d s r q v d g r h p L l p d h w d o (2015 d).

l q v n u h w d q v n q r v a u r s u h g r p q l r g r v n p d d g r d h v f q f l d, w d " l g r, g h x p d i r u p d r x g h r x w d, s r u w g r v r v d u l j r v t x h d e r u g d y d p l q v n u y h q h v f r p r v h w x g d q v n. E p s u p h l u r a j d u g h w d f d - v h d g h p d a g d g d v h v f r a v s d u d l q v n u l u n a q w d r v d g r d h v f h q v n, y l w r v s h a v h g x f d g r u h v f r p r d t x h d n v t x h g h v d i l d p r s u r h w r h g x f d f l r q d o P r u r x w r a d g r, q d h v f x v d g r v d g r d h v f h q v n, f k d p d d d v n q r r d s u h v h q d g r v n p d g d d g r d h v f q f l d t x h v x j h h v s r q v d q h d p h q v n h p v x d v i d a v. M h v p r q r v f d v r v h p t x h v h y l v d y d e r u g d u v n p d v h v s h f i l f r v, f r p r d u h g x r g d p d l r u d g d g h s h q d o d y l r o q f l d r x r x v r g d v n f q r a j l d v g l j l a l l v, r v d g r d h v f h q v n v t x h u p i d a u r e u d v p x g d q d v t x h d f r q v n f h p h p v n x v f r u s r v, v r e u d v h l x d d g d g h h r v a d r v r f l d v, h q f r q w d q g r q r v g l v s r v l v y r v g h h v f x v d g r f r d n v y r x p a j d u h p t x h v h q v l d p y r q v d g h s d u i d " - a.

## Q A A E ' x y E u y E T " A u ' E

C r p r f r q f a v r, j r w d u d p r v g h u h w d a u d j x q v s r q w v t x h d u h y l v r e l e d r j u i l f d f r a f r x h p h y l g q f l d, d w l p f r p r t x h w h v t x h, s h a u h f r u h g h q r w d s u s r w d, i r u d p d s h q d v v a j h q f l d g d v r x v x j l u d p g x u d q v n d l q y h w l j d r h q r s x g h u d p v h u d v w i d w u d p h q v n h l s a u d g d v.

E p s u p h l u r a j d u r v h i h l w r v r e v h y d g r v q d v l q v n u y h q h v q r v p r w d p r t x r l p s r u d q v n d r i h u d g h g l v s r v l v y r v g h h v f x v d q d v l q w l x l h v h v f r a u h v. T d q w s d u d r v s u i h w r u h v t x d q w s d u d r v h w x g d q v n, p d v f h u d p h q v n v a p e p s d u d r x w r v p h p e u r v g d f r p x l q g d g h h v f r a u C r q w a d - v h f r p r d h v f x v d r u h q v d g d s h a d v l f d g r g h v h m h g d v l a j x a u d g d g h v n p r h i h l w r g h s u r g x r g h x p v d e h u v l a j x a u s r u s d u h g r v x r l w. E p q r w r

fr qvñ| w vr fldo hp t x h d v l q w l x l h v x e r u g l q d p - v h d r g l v f x u r p g l f r - s h g d j j l f r h q r r i h u f h p o j d u s d u d d v l q j x æ l u g d g h , r g l v s r v l y r g h h v f x v l j x l d g r s h æ l v l f d g d s v l f d q d v h s h u p l v n t x h s u r i h v r u h v h h w x g d q v n v d x w l " h p - v h f r p r v x r h l w v , f r q w x l q g r r s u s u r v d e h u h v h g h v æ f d q g r g d s r v l r h p t x h v r f r æ f d g r v s h æ O x w r l q w l x f l r q d o t x d o v h r d , f r p r r e r h w v g h x p s u r f h w r h g x f d f l r q d o E w æ l r s h u d r , f r p r r e v h y d p r v , s d w d s h æ l g h v l g h q v l f d r f r p r v l j q l i l f d q v n v l q g r v g r f d p s r g r O x w r d r t x d o h w r d d h q d g r v , h t x h g h v l j q d p x p p r g r g h d x d r h v s h f i l f r s d u d r v x r h l w v . A r f r q v l g h u d p r v d d g r d n v f q f l d f r p r x p d f r q w x r v x e r h v l y d d r u h d o g d s x e h u g d g h , u h w d æ p r v d l p s r u w q f l d g h s u r s l f l d u h v s d r v s d u d d s d æ y u d d r v d g r d n v f h q v n v , s d u d t x h h d v s r w d p q d u d u h v x e r h v l y d u d s u s u d h l s h u l q f l d , f r q w x l q g r x p v æ l p h q w v l p e d f r s d u d r u h d o g d s x e h u g d g h . E p u h æ l r d r v s u r i h v r u h v , i r l g h w æ l f d g d , f r p r x p h i h l w l p s r u æ l q v n g d r i h u æ l g d s d æ y u d , d h p h u j q f l d g r g h v h m g h h q v l q d u d s d u l u g h q r y d v y l d v g r i d " h u h g x f d v l y r .

A s u h g r p l q q f l d g r v n p d g d d g r d n v f q f l d q r v d u l j r v g h v s h u r x - q r v x p d v u h g h t x h w l r q d p h q w v . S h u d d g r d n v f q f l d x p s u r e d p d s d u d d h v r æ l , h v s h f l d p h q v n q d i r u p d f r p r h w æ l v h h w x v x u d k r h n ? O u h d o s x æ l r q d o g d s x e h u g d g h v n u d x p h i h l w g l v x s v l y r q r v p r g h æ v h v f æ l u h v x v n q v d g r v s r u x p d o j l f d x q l y h u d o v h j u h j d v l y d , d s r l d g d q d d s d f d r g h s u r w f r æ v u j l g r v s d u d d r e v n q r g h u h v x æ l g r v ? N h w d o j l f d f d s l v æ d w æ l l q g l y l g x d d w æ l , r v d g r d n v f h q v n v h t x h l | d p g h q r v h u p h v f x v æ l g r v . A r i h u æ l g h h v s d r v s d u d d s d æ y u d d r v d g r d n v f h q v n v v n p h i h l w v v x e r h v l y r v l p s r u æ l q v n v , f r p l p s d f d h v q r æ l r v r f l d o h q r g h v h m g h v d e h u

N r h q v æ l q w , q r v h s r g h g h v f r q k h f h u d v u h l w q f l d v d r v æ d e d k r g r s v l f d q d d w æ l q d l q w l x l r . A h v r æ l s r g h æ l q d u p r g h p h g l g d v t x h l p s h g h p r x s u h m g l f d p r d q g d p h q w r g r v s u r h w v . D l d q v n g h w æ l v l x d r , i d " - v h q h f h w u r x p p d q h m g h w h v l p s d w h v , e x v f d q g r j d u d q l u t x h d s d æ y u d s r w d f l u f x æ l u h v h u h v f x v æ l g d g h q w r g r j u s r .

E q w n d v t x h w h v t x h p h u f h p l q y h w l j d r i x v x u d , h w d u h i d n | r v r e u h r v l p s d w h v h q f r q w d g r v s h æ s v l f d q d d w æ l t x h i x q f l r q u r g d s u s u d l q w l x l r h v r æ l u E q f r q w æ p r v d u l j r v t x h h l s æ u d y d p h w æ l v n p v l f d , p d v l q i h d " p h q v n q r r v d e r u g d p r v s r u t x h q r v h d g h t x d u d p d r u h f r u n u h d d " d g r . E p e r u d d g x p d v g d v l q v n y h q h v w æ l l g d v v n q k d p v l g r s h q v d g d v h f r æ f d g d v h p s u v l f d h p f r æ l e r u d r f r p d h t x l s h h v r æ l u l q f æ l q g r s v l f æ j r v , d f u h g l v æ p r v t x h d s r v l r g r s v l f d q d d w æ l t x h v æ d e d k d g h q w r g d h v r æ l p x l w g l i h u h q v n g d t x h æ g r t x h g h i r u d h q h æ r j d q l " d x p d l q v n y h q r . S x s r p r v t x h d v s u h w h v l q w l x f l r q d l v h d f r q w æ l v æ l q v i h u q f l d g h y h p s r w x l u p d l r u s h v r q d r i h u æ l g d h v f x v æ l , v h q g r l p s r u æ l q v n d u h d d " d r g h s h v t x l v d v v r e u h r v n p d d s d u l u g d L h l q x 13.935 ( B u d l o 2019 ) p h q f l r q d g d d r l q f l r .

O x w æ l t x h w r t x h g h v s h u r x r q r w r l q v n u h w h h w u h æ f l r q d g d d r v g h v d i l r v g h v h h v f x v æ l u d v l q j x æ l u g d g h q r h v s d r f r d n v l y r . A s h v d u g h r v g l v s r v l y r v v g d u p g h i r u p d f r d n v l y d , r v h i h l w v g h v d e h u t x h s u r g x " h p r f r u h p g h i r u p d v l q j x æ l u æ s r g h q g r v h u f r p s d u l æ k d g r v . N r h q v æ l q w , k v l x d h v h p t x h t x h w h v p x l w q v l p d v v r w æ l l g d v s h æ v s d u l f l s d q v n v h g h y h p v h u v æ l v æ l g d v g h i r u p d s d u l f x æ l u A w h j x d u h w h f x l g d g r , s u h v h y d q g r r v x r h l w v , q r x p d v æ l u h i d i f l o h f r æ f d g l y h u r v g h v d i l r v d r s v l f d q d d w æ l .

P r u æ l p r , d s r q v æ p r v d q h f h w l g d g h g h s h v t x l v d v t x h v h r f x s h p g h l q v n y h q h v t x h d f r q v n f h p g h i r u p d y l u x d o E p q r w r v æ d e d k r , h q f r q w æ p r v v r p h q v n x p d u l j r g h w h v l s r ( S r x " d & A u f k d a j h æ , 2022 ) , p d v t x h

q r g l v x v d d v s d u l f x a d u g d g h v g r p h l r g l j l v d o A f u h g l v d p r v t x h d l q v u q h w q r v r i h u f h q r y d v s r w e l d g d g h v à t x h s r g h p h g h y h p v h u h | s a u d g d v , s r u i d " h u h p s d u h g r f r v l g d q r g h w g r v q v à p d v g r p h v p r p r g r q r v g h p d q g d h v i r v s d u d d w h j x u d u r v l j l a g r v s d u l f l s d q v h v d w l p f r p r r e r p x v r g d v h f q r o j l d v .

## f y z y É Á w u É

D s y z s j x / P 1 D 1 P 1-5345, 1 D S x h t q l n i s t E v f x r a z r j s x f n t x t g v j x z f x h t s y w i n j x l S x h t q l n i = F n s h n f H S w k a x x t / 65 x u j , / 770981 [m y u x = 2 i t n t w 24348<3247470<: <65345333833338](#)

D s y z s j x / P 1 D 1 P 1-5347, 1 D u x h t q l n i s t E v f x r a z r j s x f n t x t g v j x z f x h t s y w i n t 18 u j i 1 H G X F 1

D v h n f s l j q / D 1 Q z " W P 1 U Y F f r u f s f w / F 1 U Y ( U t i v h z j x / U 1 D 1-5354, 1 V j s y m j s y t i j S j v j s h m j s y t j G j x j s | t q m j s y t i f P t v f a n f i j s f H k h t q 1 S x h t q l n i = V j t v f j S j x v z r x f / 6: / D y n t j 6: 54481 [m y u x = 2 i t n t w 24348<3234356: : 5 j 6: 5448](#)

D w j l z ' / P 1 H Y ( F t z y s n t / O U 1-5348, 1 F t s x n j v j x x t g v j t x f k j y t x j | n q s h n x s t j x u f t j x h t q w h t s j j w f j x h t r u w l j x t v j x 1 H z h f t j r U j / n x f / 646, / 5: <05<: 1 [m y u x = 2 i t n t w 24348<323435079<: 465: 87](#)

E v f x r a z r 534<: 1 Q n s 46 k 68 / i j 44 i j i j " j r g w i j 534<: 1 [m y u x = 2 ~ ~ 1 u d s f q t 1 t | b w h h n q 362 d f y 534<0 53552534<2 j n t 6<68 h y r](#)

F t x y f / E 1 K 1 U 1 i f / ( P j i j n v x / F 1 S 1 i j 1-534; , 1 G j r f s i f i n l s x y h f s f j x h t q j s y v j v z j v j v t Q j r O t O z o p n y t f j j x h z y f f s f q n h f 1 H y r a x i f F a s r h f / 566, / 8<309431 [m y u x = 2 i t n t w 243449392 x x s 4<: 4049571 56 n u 8<30943](#)

F t x y f / O 1 F 1 U 1 J f g v n q U P 1 R a n j n f i / Z 1 D 1 i j / K t v j s x j / S 1 G r n f x y r a n / R 1 O 1 ( F f v a x / G 1 P 1-5354, 1 Q R Q O X I F L G D O V H O 0 I Q N X U J H S H U H Q F H V I R U D G R O H V F H Q W Z K R V H O Q Q N X U H G 0 F R Q W U E X W R Q V R I Z I Q Q L F R W W V S V J F K R D Q D Q W F V K H R U J 1 V j S y t ( F t s y j S y t O H k j w f l j r / 63 / D y n t j 534<36; 51 [m y u x = 2 i t n t w 24348<324<: 305981 O W H 534<086: 5](#)

I j w i " / U 1 O 1-5354, 1 R v j s y f t j i z h f h n s f q n t r u x h n f s a p j = z r q l f w i j j x h z y f j r y j r u t x i j j x h t q v j r t y f 1 H y r a x G f F a s r h f / 594, / 5<0761 [m y u x = 2 i t n t w 243449392 x x s 4<: 4049571 59 n u 5<076](#)

I v j z i / V 1-5355, 1 D f s a p j k s r y f j f r s k s r y f 4<6: , 1 H F 1 G t w g z x h m W w i 1 / I z s i f r j s y t x i f h q s r h f u x h n f s f q n h f t u 1 6480697, 1 D z y s y h f 1

J z w p r U Y E f w r x / M 1 Y ( V y w ' p f a p r / V 1-534<: 1 R H s q h j j s y v j S x h n f s a p j / H z h f t / F r s j r f j f H s u j w s h n f D i t q x h j s y j 1 H z h f t ( U f a n f i j / 775, / D y n t j j ; 83351 [m y u x = 2 i t n t w 24348<3254: 809569: 8335](#)

J z w p r U Y ( V y w ' p f a p r / V 1-534; , 1 D j x h z y f u x h n f s f q n h f i j f i t q x h j s y j x j r h t s k a y t h t r f q r a v z j y n h f u t i j x z x y s y f w j x y f r s j v j s t B 1 V j r u t u x h n f s f a p n t / 834, / : 50<: 1 [m y u = 2 u j u x h n g | x f a i t w 2 x h j q 1 u m u B x h w y a x h n f v y j S y u n i @ V 343407; 6: 534: 333433338 \( q l @ u y | y q l @ u y](#)

M h / Y 1 M i j V 1-5353, 1 D i t q x h s h n f / H s x r s t P i n j u w o y t x i j | n i f s f j x h t q u g a n f 1 H y r a x i f F a s r h f / 586, / 6<70 7391 [m y u x = 2 i t n t w 243449392 x x s 4<: 4049571 58 n u 6<70739](#)

O n f / Q 1 O i j / D w a / U 1 V i j / V t z " f / H 1 S i j / G r n x / D 1 I 1 J Y E f v g t x f / F 1 D 1 D q j x / U 1 J 1 V Y Q m n f w l N 1 P Y ( P f v h n n Q 1 V 1 E 1 5348f, 1 S x h n f s a p j j H z h f t = z r y w y f r j s y t u t x x | j q u f w f x v z j r s f x j x h t q v j x 1 H z h f t ( U f a n f i j / 737, / 4436044581 [m y u x = 2 i t n t w 24348<3254: 809569783; : 1](#)

On f/Q10li j /Ef wj q x/Q1VfEj w nMWfF xz d/Nli j Dyl j w nW/OIS1P Yl h zj nvi t/HIU1l YP fhj qN1QVQzsj x/P 1F1l Y  
( Ryt s nP 1V1-5348g,1Sxrhfs qj /jizhf t j vji x xt hri x | nyzf n=j xhzyf sit t xfi t q xhj syj x sf j xht d 1  
Hkyn x i f Fqsrhf/53-6,/754Ó7731 [nyux=21 t rt w 243 449392xxs 4< 4049571 53ru7540773](#)

On f/Q10li j /Ej w nMW( Grix/Y1F1-Rwx1-534<f,1Dj xht d sf/jl f sf ~jg=vzj t si f j xxfB1Fvht 1

On f/Q10li j /Ej w nMW( Vyrsj nW/OIK1i j F1-534<g,1Di t q xhj syj x/j xht d j xj l vj l f t t ufuji qit uvtkj xxt wHr  
On f/Q10li j /Ej w nMW( Grix/Y1F1-Rwx1)1Dj xht d sf/jl f sf ~jg=vzj t si f j xxfB+u14: 6Ó4; 7,1Fvht 1  
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P f vrs x/P 1l YDq j n f/P 1OVT zfl qj yf /Wp YDqzvzj wzj Msnt wD1Mi j /Pjsi j x/Uli j F1F1i f VY( Sf w| n n rMOIOI  
-5354,1DUjiz t i f l i f i j j Uj xut xfgrofi j Fwn r f q s f Sj wuj hyf i j Di t q xhj syj x1Sxrh q l r f =Fnsrhf  
HSwkxx t /74xuj 7,/Dvht j 54: 8841 [nyux=21 t rt w 243 48<324< 506: 3633654: 884](#)

P nrsif/F1HIV1-5353,1Sxrhfs qj fuqhfif jizhf t j kt w f t i j uvtkj xxt vj x f hts|j w f t htr t r yt i t i j  
uj xvzxf r syj vj s t 1Hr Yt q t q nU1( J zwpxU1-Rwx1)Uj ywyt x i f u j xvzxf j r uxrhfs qj j j i z h f t +u1  
47<Ó4: : ,1H ryt w Ft sywht wj syj 1

P zxfy nEwlf /D1SY( Ut x f /P 1G1-534; ,1Hkhzyf sit t x xzgy w s j t x i f h z q z w r =v h n x r t j x z x u j n t j r z r f  
htr zsnfi j j xht d w Sxrh q l r f H Hkz i t / 56/ Dvht j 56481  
[nyux=2~ ~ khj q b w u j 2 f 2 m J 8S\[ m r < E ~ r x: F' J \] h ~ 2Bj s l @ u y](#)

Sj vj nW/P 1S1-5353,1Duxrhfs qj vzj uvtw nfr t x s f j i z h f t j x j x u t x x | j n j v z | t h t x 1Hr Yt q t q nU1( J zwpxU1  
-Rwx1)Uj ywyt x i f u j xvzxf j r uxrhfs qj j j i z h f t +u178Ó94,1H ryt w Ft sywht wj syj 1

St q/P 1Y( l f n x t q N1U1-5349,1Di t q xhj w h t r Dvj +j uxrhfs qj ,u w q y t x j xht d v j x 1H z h f t ( Uj f q i f i j /746, /; 66Ó  
; 841 [nyux=21 t rt w 243 48<3254: 80956984485](#)

Swnt /M VV Ut x f /P 1G1( Ff w t ÓKzj w f / Y1-5354,1Di t q xhj syj x/ Swkj xxt vj x j Sxrhfs f q y f x =z r f r s y j v j s t  
h q s r h t u t q r h f 1H z h f t ( Uj f q i f i j /794,/Dvht j 43<4: 81 [nyux=21 t rt w 243 48<3254: 80956943<4: 8](#)

Ut hnf/HIY1i f1-5353,1Ww s xkj wshri /i j xj q j f y t j r z r h f x t i j n s h q x t j xht d w Hkyn x i f Fqsrhf/58-6,/867Ó8841  
[nyux=21 t rt w 243 449392xxs 4< 4049571 58ru8670884](#)

Ut hnf/OISY( On f/P 1F1S1-5354,1DM|j syzi j Hb Ój s f s f Hkht d f j i z h f t s t j s h t s y w h t r f h n i j 1H z h f t ( Uj f q i f i j /794,/Dvht j 43<4961 [nyux=21 t rt w 243 48<3254: 80956943<4961](#)

Ut x f /P 1G1-5353,1Svj h n t 1Hr Yt q t q nU1( J zwpxU1-Rwx1)Uj ywyt x i f u j xvzxf j r uxrhfs qj j j i z h f t +u14<Ó  
58,1H ryt w Ft sywht wj syj 1

Vf syt x/HID1i t x/Sz q s t /OIK1F1\_Y( Uqj nW/E1V1-5354,1Sxrh q l r i j xht d w j f z y t r z y n f t s f i t q x h s h r i =v j d y t i j  
z r f r s y j v j s t 1 Sxrh q l r f Hkht d w j H z h f h r s f d 58/ Dvht j 558: 941 [nyux=21 t rt w 243 48<3254: 80686<5354558: 94](#)

Vhnj vj wOIF1E1( Ff w j nW/F1-5353,1P f qj x f w s f j xht d j f f u t x f i t h j s y j =j s h t s y w x j i j x j s h t s y w x 1Hr  
Yt q t q nU1( J zwpxU1 -Rwx1)Uj ywyt x i f u j xvzxf j r uxrhfs qj j j i z h f t +u1466Ó47: ,1H ryt w Ft sywht wj syj 1



V r q f M s r n w O I F 1 F l i f / D q j x W W F t z y s n t / O I J 1 ( F f v s j n w / F 1 - 5 3 5 4 , 1 l s k s h r f j n i j f r x s f u f q | w i j j i z h f i t v x - j s y y  
f h m s f 0 z q n y t j f h m s f a g q y t 1 / w h y f q U j / r x y f G j S x n t q l n i / 6 6 5 , / 4 5 9 0 4 6 9 1  
[m y u x - 2 i t n t w 2 4 3 5 5 7 3 < 2 4 < 7 0 8 5 < 5 2 6 6 5 2 8 < :](#)

V r q f / P 1 i f U Y P j i j n w x / F 1 E 1 i j / D w x n N 1 H Y ( I j w f v n D 1 J 1 - 5 3 5 4 , 1 A X H E R P T X H H C H K D Y I D H W U D Q K D G R q =  
F R Q V I G H U D H V V R E U H D P H W R G R O R J I D I U G L I S x n t q l n i H k h t q w j H z h f h n s f q 5 8 / D y n t j 5 5 9 6 6 ; 1  
[m y u x - 2 i t n t w 2 4 3 4 8 < 3 2 5 4 : 8 0 6 8 6 < 5 3 5 4 5 5 9 6 6 :](#)

V t z " f / V V ( D v n f s l j q / D 1 - 5 3 5 5 , 1 G r l s x y n t y n t a s t q y n t - G H 5 , = z r i t x r t i t x i j i n l s t x y n f w f x x s l z q v i f i j x s f x  
u w y n f x h t q y n f x 1 / t w = H y z i t x j r V t w S x n f s f q y n f / 5 8 6 , / 8 5 0 8 < 1 [m y u x - 2 i t n t w 2 4 3 4 8 < 3 2 4 : 3 < 0](#)  
[7 7 4 7 5 3 5 5 3 3 6 3 3 :](#)

# Ogi dSf j Wj c dgVObO\_ hVQO O dOf hW/ RO c f Wb hO c \_OQOb Wb OH i a Of Sj Wj c RS\_ Wsf Ohi f O

SVJ FKR DQDQ WF VXSHUYMR QI UR P D ODF DQIDQ GLUHF WR Q=D QWUDVXUH UHYLFZ

duÔ²u R'ûÊa ÀÉy'Éu dyÁÁu

## f yÊÓ³ À

Dhvgh Fuhxg dsu vlf d gh fr p s duf duf dvr vfr p r xwr vfr dñj dvhud iut xhqvn h s duhld qhfhw ud vdw s dud Fuhxg, txh s urfxudyd fr p s uhhqghu vxd foqlfd, txdqw s dud rv svlf d qd d vlv p hqrv h] s hluhqvn, txh r exvf dydp s dud vñ r uhhqvdhp vr eh dñ xp lp s dwh foqlfr. Cr p d fr qvr dñd r gd lqvhuqdv r qdò PV fkr d qdò vlf do Avr f l dñr q [IPA', d vxs hylv r s dvr x d vñuxp d lp s r vl r gd lqvhuqdv r s vlf d qd d vlf d s dud j d d qvud ir up d r gh xp d qd d vlv. Tudvdyd-vh gh xp dj d d qvuds d d l qvhuqdv r h s dñr s dñ l hqvn hp dñ dñ gh t xñ r s vlf d qd d vlv q r fr p hñud hurv h txh vñ xlud ilhqp hqvn rv sñfhlvv h d wfqlfd s vlf d qd d vlf d. A vxs hylv r id" l d s dñ gh xp fr qñqñ gh uñj udt xñ, gh dñ xp d ir up d, mñw l f dydp d h] l wq f l d g d l qvhuqdv r h g dydp d hñr òj d ugd ir up d r. Dliuhqvn hp hqvn gd su vlf d gd IPA, Ldf dñ ur p s h fr p hwd dñd gd j d d qvud h fr qvhuqdv xp d qryd ir up d gh vñ fr qf heud vxs hylv r, dñlp fr p r dsu s ud ir up d r gr d qd d vlv. Eñ ixqgd vxd su s ud hñr ò h s s h xp d o j l f d gh vxs hylv r txh fr qvghud d uñ r vñdqvihuqf l d oñ r ghvñm gr d qd d vlv. O r eñvñr ghvñ vñedñr ir l id" hu xp dñdqvñp hqñ eleðr ju ilfr gd reud gh Jdft xñv Ldf dñ vr eh d vxs hylv r. Pdud dñ r qfhs r gd vxs hylv r gh r uhhqvd r ò f dñ dñd, ir uñp h] vñd gr vñ l qñr h] r vñ gh dñ dñ: 1) d uñ r vñdqvihuqf l d oñ 2) d s r vl r vñuñ l uñ; 3) r òj duhqf uñ" l dñ dñ; 4) d vñ rñvñ l y l dñ gh vñ xqgd h 5) r òj du gd vñdqvñ l w r.

du²uÔÊÊw-uÔy: vxs hylv r, vñdqvñ l w r, ir up d r gr d qd d vlv.

## OvÊÊÊwñ

Slqfh Fuhxg, vñh s udf vñf h r i vñdñqj f dñvñ z l vñ r vñ hufr òñdj xñvñ z dv iut xhqñ dñq vñhp hg qhf hñdñ er vñ ir u Fuhxg, z kr vr xñ kñw xqghu vñdñq klv s udf vñf h, dñq ir uñw h] s hluhqf hg s v fkr d qdò wñ, z kr vr xñ kñk lp r xñvñ uñ x l g dñf h l q vr p h f dñ l f d o lp s dwh. Wlvñ vñh fr qvr dñdñr q r i vñh lqvhuqdv r qdò PV fkr d qdò vlf do Avr f l dñr q [IPA', vxs hylv r q ehñdñ h dñ lp s r vñvñr q r i vñh s v fkr d qdò vñ l qvhuqdv r q w j x dñdñvñh vñh vñdñqñ r i dñ d qdò wñ l wñ dv d j x dñdñvñh ir u vñh lqvhuqdv r q dñq ir u vñh s dñvñw xqghu dñdò vñv vñdñvñh s v fkr d qdò wñ r xñg qñ vp dñhp l vñdñvñdñq z r xñg idñvñxñw ir ò z vñh s uñfhs w dñq s v fkr d qdò vñf vñf kñl t xñ. Sxs hylv r q z dñs dñvñ r dñvñvñ i uñvñvñdñvñl qñ p h z d' , mñw l l h g vñh h] l vñh qñf h r i vñh lqvhuqdv r q dñq j dyh l wñkñ s ò f h r i vñdñqñj . Uqññh vñh s udf vñf h r i IPA, Ldf dñ eñdñvñ z l vñ vñkñ dñh r i j x dñdñvñh dñq fr qvñvñvñvñ dñh z d' r i fr qñhñl qñj vñs hylv r q, dv z hñdñvñh dñdò wñ r z q vñdñqñj . Hñ ir xqgv klv r z q vñf kr r o dñq s uñs r vñvñ d ò j l f r i vñs hylv r q vñdñvñ fr qvñghu vñh vñdqvihuqf l d oñ hñvñ qvñkñs dñq vñh dñdò wñ ghvñh. Tkñ r eññvñyñh r i vñkñvñ z r uñz dvñ f dñl r xñdñ eleðr j uñs kñf dñvñyñh' r i Jdft xñv Ldf dñf z r uñr q vñs hylv r q. Fr u vñh fr qñfhs vñr q r i Ldf dñ l dñq-r uhhqñgh vñs hylv r q, ilñh dñ hñvñ r i dñdò vñvñ z hñh h] vñdñf vñgh: 1) vñh vñdqvihuqf h uñs s r uñ 2) vñh vñkñg s r vñvñr q; 3) vñh f uñvñr dñvñ s ò f h; 4) vñf r qñ vñ rñf vñyñl vñ dñq 5) vñh s ò f h r i vñdqvñ l wñr q.

ZyâÜÀÊÊÊwñ vñs hylv r q, vñdqvñ l wñr q, dñdò vñvñdñqñj .

Dr xñw uñs hñl Uqlyhuñgdñh  
Fhghudogh Mlqdv Ghudñv. Dr f hqñ  
qd Uqlyhuñgdñh Fxp hf (FUMEC)  
Cr qvñvñ:  
[dxñg l dñp s. s vñ@j. p dñof r p.](mailto:dxñg l dñp s. s vñ@j. p dñof r p.)

Sx'íÀÊÊÊÊwñ ÁHJx dñ Sr p ehñj  
Aqñv

f yvñv'xÁy³ H81/01/2024  
Ovñ'íÁy³ H8/10/2024  
dÓv²wñxÁy³ H23/12/2024

Q'íuÊ Phqqd, P. D. M. (2024). A  
vxs hylv r s vñf d qd d vñf d d s dñvñgd  
r uhhqvd r ò f dñ l dñd. Up dñyñvñ r gh  
dñvñdñvñd. *Mr vñlfr: Eñvñgr vñp*  
*Pvñfr ò j l dñ* 12(1), 271-280.



Dhvgh Fuhxg d su vlf d gh fr p s dulk duf dvr v fr p r xvr v fr dñj dv hud i uht xhqvn h s duhf ld qhf hw ud vqlw s d d Fuhxg, t xh s ur fxu dyd fr p s u hqghu vxd foqlf d', t x d qv s d d r v s vlf d q d d v d p h q r v h | s h u h q v n, t x h r e x v f d y d p s d d v h r u h q v a l h p v r e u h d ð x p l p s d w h f o q l f r . C r p d f r q v r d g d r g d l q v n u q d m r q d o P v' f k r d q d b v l f d o A v r f l d m r q [IPA', d v x s h y l v r s d w r x d v h u x p d l p s r v l r g d l q w l w l r s v l f d q d o v l f d s d d j d u d q v l u d i r u p d r g h x p d q d d v d . T u d v a y d - v h g h x p d j d u d q v l d s d d d l q w l w l r h s d d r s d f l h q v n h p d q d v h g h t x h r s v l f d q d d v d q r f r p h v u d h u r v h t x h v h j x l u d i l h q h q v n r v s u h f h l w v h d w f q l f d s v l f d q d o v l f d . A v x s h y l v r i d " l d s d u h g h x p f r q m q v r g h u j u d v t x h , g h d ð x p d i r u p d , n a w l i l f d y d p d h | l w q f l d g d l q w l w l r h g d y d p d h a l r a j d u g d i r u p d r . D l i h u h q v n p h q v n g d s u v l f d g d I P A , L d f d q u r p s h f r p h w d d q k d g d j d u d q v l d h f r q w l w l x p d q r y d i r u p d g h v h f r q f h e h u d v x s h y l v r , d w l p f r p r d s u s u d i r u p d r g r d q d d v d . E d i x q g d v x d s u s u d h v f r a l h s u s h x p d o j l f d g h v x s h y l v r t x h f r q v l g h u d d u h a l r v a d q v i h u h q f l d o h r g h v h n g r d q d d v d .

U p d q d d v d v h g l u j h d r x v r d q d d v d d s d u l u g h v x d s u v l f d . D h r q g h v x j h h w d g h p d q g d ? Q x d o v x d i x q r q d i r u p d r g r s v l f d q d d v d ? E v d d v r t x h w h v t x h j x l d u r d h v f u l v d g h w h v a d e d d r . L h y d q v a l h p r v d v i r u p x a l h v a l f d q l d q d v r e u h d v x s h y l v r , t x h v h y l u r g h q r u h s d u d v h q v a l u h v s r q g h u h w d v s h u j x q v a l . L d f d q q r v g h d h p h q v r s d u d u h i d u l u v r e u h r s d s h o g r v x s h y l v r u h g d s u s u d v x s h y l v r . P r u a d q v , l p s u h v l q g y h o u h f r d k h u v h x v d f k d g r v h h v f u l v v . D h w h v , i r l s r w y h o h | w a l l u s d u d d f r q f h s r g d v x s h y l v r f l q f r h | r v g h d q d v h : 1) d u h a l r v a d q v i h u h q f l d o 2) d s r v l r v h u f h l u d ; 3) r a j d u h q f u x " l a k d g d i ; 4) d v x e h v l y l g d g h v h j x q g d h 5) r a j d u g d v a d q v p l v r .

## O x'Éy À w'Á'w u'w u'Á'w Áu x u ÉÓÄyÉÖÉ À

A v x s h y l v r i r l s u r s r w a l f r p r v h q g r x p g r v f r p s r q h q v n g r v a l s g d i r u p d r g r s v l f d q d d v d , n a q v a l p h q v n f r p r h w x g r v n u l f r h d d q d v h s h w r d o N r d q r g h 1956, q d r f d v l r g r f h q v n q u r g r q d v l p h q w g h F u h x g , r s v l f d q d d v d i u d q f v J d f t x h v L d f d q s x e d f d h p L h v v a g h v P k l a v r s k l t x h v r v n | w a l l u s d r g d s v l f d q d v h h i r u p d r g r s v l f d q d d v d h p 1956i (L d f d q , 1956/1998) q r t x d o h a d e r u d d ð x p d v f u v l f d v d r p r g h a g h l q w l w l r f r p r d I P A . S h j x q g r L d f d q , d f r q v r d g d r g d I P A g h y l r x d s u r s r w a l g h F u h x g v a d q v i r u p d q g r - d q x p d h v s f l h g h j d u d q v l d g r h | h u f l r g d y h u g d g h l u d s v l f d q d v h s h a v s u d v l f d q v n v , v n q v a l q g r h y l v a l d w l p , t x d a x h u s r w y h o g h y l r . A v x s h y l v r v u d d f r p r i x q r f r q v r a l u d s u v l f d g r d q d d v d h v a l p e p j d u d q v l u d r s d f l h q v n h p d q d v h d t x l a s h a t x h x p d l q w l w l r g h y h " h a l u d f r u h w d s d f d r g h x p d w f q l f d . A v x s h y l v r i d u d s d u h g r f r q m q v r g h u j u d v t x h g h d ð x p d i r u p d n a w l i l f d u d p d h | l w q f l d g d s u s u d l q w l w l r s v l f d q d o v l f d : d g h v h u x p a j d u g h i r u p d r h g h p d q x v n q r g d s v l f d q d v h q d v r f l h g d g h (S d i r x d q , J x d h q h H r i i p d q , 1996). S h u r u h f r d k l g d v g d r e u d a l f d q l d q d d ð x q v h | f h u w v q r v t x d l v x p d g l u h r f o q l f d s d u d d v x s h y l v r d s r q v a l g d .

l q l f l d q p h q v n , l q v n u h w d q v n q r v a l u q r u h a l v g r v x s h y l v l r q d q g r g h L d f d q , H r x g d A x p r q w E d v d e h v k R r x g l q h v f r , r p r g r f r p r L d f d q v x v n q v a l y d h w d u h a l r v x s h y l v r u v x s h y l v l r q d q g r :

D h x p d p d q h l u d j h u d o h d v h p s u h h y l v a y d v a d q v p l v u x p v d e h u f r q w l w l g r , h d n q r l a g l f d y d x p d p d q h l u d f h u d g h i d " h u B x v f d y d f r p s u h q g h u f r p r h x i x q f l r q d y d h p h r e l j d y d d v h u d q d d v d g h v f r e u d q g r g h f h u w p r g r p h x

<sup>4</sup>R u x n f s f a p y f U r z a q V a l f - 634 < / j r x z f y j x j i j i t z y t w i t / y j h t a n j i f x h t w j x u t s i s h r f x j s y j l y j z i j Z n a n j a l a n x j S h j w t x v z j r t x y w r v z j l y j z i t w j s i j y j f l f f l a n x t w v z j x y j x y j d y n f x x z f A s a n j u j x t f a t w v y d y n f x f t x x j z x v z j x y n s f r j s y t x / r s h j w j " f x j i | n f x x t g y j x j z x h f x t x h q s n t x / f d t x m n a w z r f j S u j v n s h n i j x z u j v j r x t l

dhwlø'. Edh iru dyd r rxwr d q r id"hu hfr qrp ld gh vxd vlqj xøldgdgh h, dr p hvp r vhp sr, hud ljr ur vr qrv s ulqf slrv. Pr gld-vh wgr id"hu h wgr gl"hu fr p d fr qgl r gh p dqvhufr p r s dflhqvn xp d glvwqfld vlp e d f d sr uh|hp s ø, hñq r dflvødyt xh idowhp rvgh q vdxp s dflhqvn hp dq øvh (Rrxglqhvfr flvøgd sr uSdir xdq hw do, 1996, s. 53).

Nd R yxh Fudq dlvh gh Pv' fkdqdbø vh gr dqr gh 1949, gdvø hp t xh Ldfdq dlqgd hud p hp eur gd IPA, hqfr qwøp rv xp thøwulr gd Cr p lw r gh Eqvlqr gd Srfllhgðgh Pvlfdqdvøf d gh Pøulv, t xh h|s h døj xqv f ulwulrvgh dgp lw r qhwø lqvøwø l r. Ip sr uødvø ghwøf dut xh qhñk xp d p hq r h|s uhvød vxs huylv r ihlvø sr uLdfdq: *Q'h/srv huødglvfxwlv r gh f xlv, vr lvhq wvñ wvñ dyhf xq s v' fkdqdbø vñ, vr lvhq v p lqdluh gh fr qvø dñ*<sup>2</sup>. Nhwd p hq r, Ldfdq lqihud p lp sr uwqfld gh glvfxlvud s u vlf d dqvøf d fr p r xwr s vlf dqvødvød hp vxs huylv r. At xl, d vxs huylv r s dñfh dlqgd vñuxp d fr qrvød r gh j dñdvød gd s u vlf d sr uxp s vlf dqvødvød p dlv h|s hñqvñ, ds hvdugdvf uvlf dv t xh Ldfdq yhqkd d id"hu vr euh hwh p r gh ø sr wñulr up hqvñ.

Nd fduød gluj lgd d Hhlq" Hdurp dqq<sup>3</sup> (1953/1976), Ldfdq uhvødvø dv ðe hugdghv t xh s u s xqkd vr euh d wfqlf d, ðe hugdghv t xh ghvñup lqduð dv dfxvød hv gh ghvylr vt xh hñ ylvkd vr iuhqgr s r us dñh gd Srfllhgðgh Pvlfdqdvøf d gh Pøulv à SPP. Nhwd s dvødj hp, Ldfdq lqglf d d lp sr uwqfld h r dfr ðklp hqwr gdgr dr v vñxv vxs huylv r qdqr v, t xh, hp r xwr v øj dñv, v hqfr qvødyd. Qhvfr qildq d vr p eud h lur ql d wøf.

*S'løp h uhs ur fkhqwp dlqvñqdvøgh s u vñqgxhv ðe hu v gh vñf kqlt xh, lør qvwxmwx s x hq fr qvø dñv hñhw, hw qh dñvr qvø dvøj vg idyr uðe dñv. Evf'hwødx p r p hqwr th p h vxlvr qir up ghs xlvghv p r lv øl u j ð gh w x v x u dñ s ulqf l s h dgp lv g x fr qvø dñ s u r i h v l r q q h ø t x' l ø h q i r q v x q h d p h f r q v ð p r l. [...]' Jh p h v x l v g r q q w x v h q v l h u dñ q v h j q h p h q v h w ø l i r u p dñ r q g h v o y h v. Jh dñx u d g r q q d ø p r x u g h q r v h vñ f k q l t x h h w h dñ v d d l g v g d q v p h v f r q v ø dñ h w g d q v p h v v p l q d l u h v, h q u s r q g d q w x q e h v r l q g h f r q q d v h h w g h f r p s u h q g u h t x l q h u h q r q v d l w d l ø x u r t x h g i l d q f h r p e u d j h x v h h w r vñ l u r q l l f* (Ldfdq, 1953/1976).

Nhwh wñfkr, Ldfdq revhuyd t xh vñ fr qir up r x hñj u d gh wgr v vr euh r s ulqf slr gr fr qvø dñ s u r i l v l r q d o h t x h g h x d r v d ø q r v d p r u s h ø w f q l f d, dñg d q r - r v q d v v x s h u y l v h v h q r v v h x v v h p l q u r v, h p i x q r g d q h f h w l g d g h g h d v g h f r q k h f h u h f r p s u h q g h u N r v s dñ f h t x h q h w h p r p h q w r, L d f d q g h w ø f d d d f r ð l g d g d g d t x h dñ v t x h h w ø y d p f k h j d q g r f r p v h g h g h f r q k h f l p h q w r g d w f q l f d s v l f d q d v ø f d. Edh uhvødvød d t x l x p s r q w r l p s r u ø d v ø g d w d q v p l v r t x h q r s d v d q h f h w d u d p h q vñ s h ø h | s r v l r g r v d e h u p d v l p s h ø s u r g x r g h x p v d e h u d s d u l u g h x p d w d q v i h u q f l d g h w d e d k r.

Nr dqr gh 1962-63, qr *Shp lq ur 10, A døj wld* (1962-63/2005), Ldfdq uhwr p d døj xqv s r qvø vñ ufr v f u k l d l v s d u d v x s h u y l v r h p t h ø l r g l p h q v r g d s u r g x r g h v d e h u h h p s r x f r vñ p s r h dñ u r p s h g h i l q l v y d p h q vñ f r p d IPA.

<sup>5</sup> Æd f u v j x j s y f t j f i n x h x x t i j y v i y f r j s y t x x j d h f v f h f v h t r z r u x h f s f q p y f / x j d j r x j r s v a i j h t s y w g i t z x z u j v i x t, ç y v i z t i f f z y t v i, 1

<sup>6</sup> R u x v z i n i y v f z x y w h t K j r s " K f v r f s s / l z s i f i t w f H t S x ' h n t q l ' k n j s | t q n i t s t x h t s k a y t x i f V t h j i f i j S x h f s f q m h f i j S f v a x W S S, f u v u x y t i f j q n t i j M h v z j x O f h f s f t y y z q i j r j r g w y n z d w l t n u y x n i j s y i f L s y j v f y n t s f q s x ' h n t f s f d y n h f q D x t h n i y n t s 4 S D, i j 4 < 8 6 f 4 < 8 < 4 t z i s j x h t > S q s / 4 < < / u u 1 6 5: 0 6 5; , 1

<sup>7</sup> V j j q x r j v y u v l f r f l t v u y r j s x f x a g j w f i j x i j y h s h n f / j q x x j r u y v u z i j v r h t s y w d v x j k j n t x j s t t x a d f v r i j x l f | t w | j r x 1 H s t r t r j s y t j r v z j r j h t s k w t i j x j j f d z s x r j x j x f v l v i j y t i t x t g v t u v s h u n t f i r n y n t i t h t s y w g i u v r k x x n t s f q v z j k f " j r i n x y t z r f f w f h t s y w r m ' 1 l b z r j i t j n s y j n v r j s y f t j s x s t j k w f t i t x f q s t x l G j r f j g x t f r t w j d j s t x d f y h s h n f j t x f a z i j n s f x x z u j v i x j x j s t x r j z x x j r s v a x v y x u t s i j s i t f z r f s j h j x x n i f i j i j h t s n j h j w i j h t r u y j s i j w z j r x j s h t s y w f q p z v x j i j x h t s k f s f x t r g v i t g x h z v r j n v s n i y t d j 4 f h f s / 4 < 8 6 2 4 < 9 / y v i z t s t x d f, 1

<sup>8</sup> K a y t v h f r j s y j / f u v u j n v r j s t u w y n h f i f x z u j v i x t j r l v y z i / f u f v j h j s t y j S y t A t g v t j s x s t i f u x h f s a p j s f x z s i j v a n i f i j x c 4 < 4 < 2 5 3 3 9, 1 Q f j j v x t t v h r s f q j r f q r t l v y z i x f t y j w t N t s y w a p s f d x j / v z j u t i j x j w y v i z " n i t h t r t e s a p j i j h t s y w g i j 1 P z n y t x j i n x h z j x t g v j r j q n t v y v i z t i j x j y j w t l l j y v h " d v z j y v i z " a t y j S y t i j 4 < 4 < u f v t m s l f w / z y n f t z t y j w t A n t s y w g i q l Q f y v i z t j s l g x f / s t w f a j s y j z y n f f O j t y j w t x z u j v i x n t s 1 Q f j j v x t j r j x u f s n t q j s h t s y w O j t y j w t f s a p x i j h t s y w d r f x y f r g r u t i j x j w j s h t s y w i t t y j w t x z u j v i x n t s 1 Q f y v i z t u f v t u t y z l z x j l z s i t f a p n i f y v i z t i t s l q x j s h t s y w r t x t y j w t x z u j v i x t 1 H f w i s h x / z x f O j t y j w t A n t s y w g i q l

O t x h h q v l q d u t x d q g r v h v a d v l n a w a l p h q v n g h h q v l q d u r t x h k s r u h q v l q d u q r d s h q d v d t x h p q r v d e h, p d v d t x h p q r s r g h v d e h u E f r q y p d g p l w u t x h, d w f h u w s r q w, w g r v d t x l h w a l p r v q r p h v p r e d f r, g d g r d t x l a g h t x h v h v a d v l. O e v h u y h p e h p d t x h l q f l v a l, v h d w l p s r w r p h h l s u h w d y d v l v a d r g h l q w a l e l d g d g h. S h q r k r x y h w h h w d l q w a l e l d g d g h, x p h q v l q r d q d o v l f r, h w h s u s u r S h p l q u l r, s r g h u d v h u f r q f h e l g r q r s u r a q j d p h q w g r t x h d f r q v n f h s r u h l h p s a, q x p d v x s h u y l v r q d t x d o r t x h y r f v v r x e h w h p t x h v h u d v a d l g r, h h x l q v h u y l u d d s h q d v s d u d r i h u f h u r d q a j r g d l q v h u s u h v a l r, r x v h r d, r d f u v f l p r p h g l d q v n r t x d o v u j h d o r t x h g v h q v l g r d r t x h y r f v d f u h g l v a l p v d e h u h u f h e d q x p a p s h m r t x h s r w y h o d s u h q g h u d o p g r v d p l v n v g r v d e h u (L d f d q, 1962-63/2005, s. 26).

A t x l, L d f d q i l h o d r r e r h w f r p t x h h w d g d q g r: d t x l a t x h g r v x h l w, h p i x q r g d s u s u d h w a v x u d, q r v h s r g h v d e h u N h w h v h q v l g r, h o n q r v l q g l f d r a j d u g r v x s h u y l v r u d t x h o n t x h v x w h q v a l x p d s r v l r g h q r v d e h u u h f h e h q g r r u a d v g r f d v r, h p d q h r d q g r d h l s h u l q f l d g h p r g r d s r v l e l d v a d d s u h q v r g h d o r t x h x a v d s d w d r v d p l v n v g r v d e h u E p v x s h u y l v r, h w a d u p r v g l d q v n g r l q g l w g r f d v r, t x h v x u j h t x d q g r x p d h l s h u l q f l d h q g h u h d g d d r x w r, q x p d u a d r v x w h q v a l g d s h a l v a d q v i h u q f l d.

E p v x s h u y l v r r t x h v h s r g h r i h u f h u d o r g l i h u h q v n g r t x h v h h q f r q w a d q r v d y r v h q r h q v l q r i r u p d o T u d v a l v h g d v a d q v p l w r g h d o r t x h q r g d r u g h p g r f r q k h f l p h q w, p d v g h x p v d e h u d y l q g r g d h l s h u l q f l d f r p r l q f r q v f l h q v n. N d v x s h u y l v r, v a d v l v h g h x p d h l s h u l q f l d h p t x h d o r s r g h v h u d s u h q g l g r a l o p g r v d p l v n v g r v d e h u, f r p r q x p a p s h m: d o r v h u y h a l.

**O z A E u A x A A E w u A u E u y u i E u A E E A H A E O A y E O E A E v A A E O v y i O x u x y E y w O A x E u y u A A E A i y E y E u**

A v x s h u y l v r h w d w r f l d g d d g r l v h o n p h q w v i x q g d p h q v a l v h p s v l f d q d v h: r g d i r u p d r g r s v l f d q d d v a l h r g d v a d q v p l w r g d s v l f d q d v h. A v a d q v p l w r h w a d d v x w h q v a l g d q d o j l f d g r N d f k w j d f k i u h x g l d q r, r x v h r d, r d s r w h u l r u, r x r O g h s r l v i. O v s u f h w r v l q f r q v f l h q v n v s r g h p v h u d s u h q g l g r v a x p O g h s r l v i, s r u p h l r g h x p f a x a t x h i r j h d x p s a d q h r a p h q w h d x p u d f l r f q l r d q h d y h t x h v h u a d f l r q d d r f r q v l a j h q v n g d h l s h u l q f l d f o a l f d. O p h v p r v h s d w d q d v x s h u y l v r: q r a g h s r l v t x h v h s r g h d y h u j x d u r v h i h l w v g h x p f r u h, g h x p d w, g h x p d h v f d q v r.

E p O x q r h f d p s r g d i d a l h g d d a j x d j h p i (1953/1998), L d f d q m d s r q v a y d d o x p d v t x h w h v r e u h d v x s h u y l v r. E d n f r p h q v a l t x h r v m y h q v d a d d v a l v t x h v h g h l d u h p o y d u s h a t x h f k d p r x g h O g r q v l p s h q h w y h l v i, r x v h r d, r v d e h u g h d a d d v a l v p d l v h l s h u l h q v n Q... q r h q f r q w a d u r q d g d p h a r u s d u d u h w r f h g h u g r t x h u i h u l v h d r v x f h w r g d v s u s u d v x s h u y l v h v [f r q w a d v d t x h v h v x e p h v n p. D r s r q w g h y l v a l g r f r q v a l w f r p r u n d o d s r v l e l d g d g h p h v p d g h w d v v x s h u y l v h v v h w a d d x p s u r e o n p d i (L d f d q, 1953/1998, s. 254), s r l v r v d e h u s u y l r g r v p h w a h v r a p d l v f r q v n p s a l u d d u d g l f d a g d g h g r u n d o

A r f r q w a l u r g h w d s h u s h f v y d f u v f d g d s r u L d f d q, r v x s h u y l v r u p d q l i h w a l x p d O h j x q g d y l v r i, m t x h d h l s h u l q f l d s d u d h o n w r l q w a v y d t x d q w s d u d r v x s h u y l v r q d q g r. l w r q r v u h p v h l l g h l d g h t x h h p v x s h u y l v r, v x s h u y l v r u h v x s h u y l v r q d q g r g h y h p v h p d q v h u g h w a x g r v g h v d e h u d p e r v g h e u x d g r v v r e u h d h l s h u l q f l d t x h v x u j h g d f r q v l a j q f l d g r f d v r f o a l f r. E p v x d v s d a y u d v:

M x l w s h a f r q w a l u r, r v x s h u y l v r u p d q l i h w a l q h a v x p d v h j x q g d y l v r, f r q y l u d g l h u t x h, s d u d h o n, w a d d h l s h u l q f l d d r p h q r v w r l q w a v y d t x d q w s d u d r v x s h u y l v r q d q g r. E l w r, t x d v h t x h v r e u h v x g r s r u h w h a l p r h l l e l u p h q r v h w h v g r q v, t x h d o x q v r w p d p s r u d l q g d p d l v l a f r p x q l f y h l v, i d h q g r g h v h x v h j u g r v w f q l f r v x p h p e d u d r p d l r u (L d f d q, 1953/1998, s. 254).

Pdud Ldfdq, r hqlj p d qd vxs huylv r vh vxwhqv d qd p hglgd hp t x h r vxs huylv r qd qgr ghvhp s hqkd r s ds hogh ilour r x gh thiudw ugr glvf xur gr vxrlw h, ghwd ir up d, Q...’ ds uhvqv d-vh lqvhludp hqv s ur qv d r vxs huylv r u xp d hwhh r j uild<sup>6</sup> t x h m ghwd f d r v v r x t x d w r u h j l w r v h p t x h h d s r g h d u d g l y l v r f r q w l x g d s r u h w h g l v f x u r i (Ldfdq, 1953/1998, s. 254). O vxs huylv r qd qgr, dr iloudur x s u r g x “lu x p d thiud r gr glvf xur gr vxrlw id”, qhwh p r y l p h q w , x p d h w h h r j u i l d t x h h d h q g h u h d d r v x s h u y l v r u N h æ l , g h w d f d p -v h r v u h j l w r v h p t x h v h s r g h d u d g l y l v r g r v x r l w .

Tudv d-vh gh xp glvf xur t x h u s u h v h q v d x p d g l y l v r t x h d s u h v h q v d g d s h æ v x s h u y l v r q d q g r , d t x h d t x h u h r u h v x s h u y l v r i l o u d q g r r g l w g r s d f l h q v h h r r u j d q l “d q g r g h p d q h l u d h w h h r j u i l d g d . L d f d q f r p s d h v l h w h u d f l r f q l r d i l u p d q g r t x h v h r v x s h u y l v r u f r æ f d w h r v x s h u y l v r q d q g r h p x p d s r v l r v x e r h v y d g l i h u h q v h g d l p s d f d g d f r p x p h q v h q d v x s h u y l v r , h d s r g h u d d s u h q g h u d v h p d q v h u x p d s r v l r g h v x e r h v y l g d g h v h f x q g u d , v æ t x d d d w x p l g d s h æ v x s h u y l v r u h p x p d v l w d r g h v x s h u y l v r . A q q l h T d u g l w , d r v h u i h u l u d h w d s d w d j h p , u h w d æ t x h r t x h v h s r g h d s u h q g h u h p v x s h u y l v r r g l v f x u r h q r x p s d d -d o p g r g l v f x u r ; r d q d d w d g h y h v h d v h u d h w h g l v f x u r h q r r v x e w l x l u s h æ v h x (T d u g l w , 2012).

Sh r vxs huylv r qd qgr s x g h w h v h u s r w r s h æ v x s h u y l v r u x p d s r v l r v x e r h v y d g l i h u h q v h g d l p s d f d g d s h æ v l q l w r v h p r f r q w l d i (y d q v æ l m v d p h q v h v x e w l x g r , p d v d s h q d v q d o q j x d l q j d w d , s r u v x s h u y l v r q ) , r p h d r u i u x w t x h h | v æ l l u d g h w h h | h u f f l r v h u d d s u h q g h u d v h p d q v h u h d p h v p r , q d s r v l r g h v x e r h v y l g d g h v h f x q g u d h p t x h d v l w d r f r æ f d l p h g l d v æ p h q v h r v x s h u y l v r u (L d f d q , 1953/1998, s. 254).

T d o Q x e r h v y l g d g h v h f x q g u d i s r g h v h u s h q v d g d f r p r x p d l q g l f d r g h t x h v x s h u y l v r u h v x s h u y l v r q d q g r h w æ l d p h q æ d g r v , d p e r v g l y l g l r v , l q v h u r j d g r v i u h q v h d r v s r q w v f h j r v g r v i u d j p h q w r v f o q l f r v v æ l l g r v s d u d d v x s h u y l v r . A e u h -v h d d s h u s h f v y d g d s u r g x r g h x p v d e h u A w l p , r v x s h u y l v r u h q f r q w d -v h Q...’ i d f h d x p s h q v d p h q w v h j x q g r , h p s u h v h q d g h x p N h e h q p h q v f k <sup>7</sup> , d r p h v p r v h p s r s u | l p r h u d g l f d q h q v h g l i h u h q v h , h p x p d h | s h u l q f l d g h g l v s d u l g d g h v x e r h v y d i (R d e l q r y l f k , 2012, s. 50).

S d i r x d q h w d o , q r d y u r O p d æ h v æ l u q d s v l f d q d v h : r v h u f h l u r q d l q w l x l r h d d q d v h g h f r q w r d i (1996) q r v d n æ g d p d g h w d q k d u h w d s d w d j h p g h L d f d q . A s r w q f l d g d v x s h u y l v r h w æ l u d q d s r v l r r f x s d g d s h æ v x s h u y l v r u d g h x p d v x e r h v y l g d g h v h f x q g u d . h æ t x h s h u p l v h x p d d h l w u d g d t x l æ t x h r v x s h u y l v r q d q g r v h u d g r q r t x h r x y l x .

P d u d v h s h u x d g l u g d æ w h “d g h w d s h u f h s r , e d w æ u h f r u g d u f r p r d f r q v h f h , v y h “h v , g h x p d q d d w æ l h p f r q w r d i v h h q f r q w d u x p l p s d w h , p d v d p h w i r u d t x h h d x w d “d s d u d g h v f u y h u d d w l x g h g h v h x (v x d ) d q d d w d q v h l q g l f d l q g x e l v æ y h q p h q v h t x h h d v h p , v h p r v d e h u d f k d y h g d v r æ r . B d w æ d s r q w -æ l . [...] R h v x p l q g r , r t x h r d q d d w æ l h p f r q w r d i u h f h e h f r p r v d e h u q r x p v d e h u g d w f q l f d , p d v x p v d e h u g r t x h h d v d e h v x d u y h d d i (S d i r x d q h w d o , 1996, s. 36-37).

E w h v d x w u h v u h w d æ p v æ p e p t x h s u h f l v r u h f r q k h f h u q h w d s r v l r g h v x e r h v y l g d g h v h f x q g d g r v x s h u y l v r u r æ j d u g r v h u f h l u r , d w l p f r p r r v h u f h l u r q r g l w h v s l u v r v r t x h , d r u y d v h w æ l r u h w u q r g r u h f d æ d g r . A v x s h u y l v r x p d r s h u d r Q q g h v h i d “d s d u h f h u q x p v l p r r t x h s r w y h o f d s v æ l u d o p g r v d p l v h v g r v d e h u (L d f d q , 1962-63/2005).

C r q v l g h u d u d s r v l r v h u f h l u d q d v x s h u y l v r p d u f d x p d g l i h u q d g r p r g h æ s u s r w r s h æ l I P A , x p p r g h æ e d v h d g r q x p d s r v l r g x d o h p t x h r v x s h u y l v r q d q g r g h y h u d v h d s d j d u s d u d t x h r v x s h u y l v r u

<sup>9</sup> H y j v j t l v æ k i f f v j i j v j u v j x s y f w t g f y t x y w i m j s x n s f x j r z r u d q s t 1  
: V j w t f q r t v z j y w “ f f h j u t i j æ v w S m n i f i j V æ f l r s n f s f ) / j u t w l v æ x j j “ j x z y æ f i t u t w l v j z i 1

ds thfildwh d ghp dqgd gr dqddvdqvn. Ap sddu hwv fdp sr lp s d f d d d h p s f d d "du d Qhæ r gh nœq r - glvnœq r hqwn gr lv œj duhv gd s v f d q d v h - o r q q h r d q d d v d f r q g x" x p d d q d v h , o r q q h h d i d d f r p x p r x p d l v v h f h l u r v r e u h v h x v d e d d k r g h d q d d v d . E p u d " r g h w d t h æ r h q w n Q h q v r i h Q r u d i , x p g l d , s r g h v h l q w d x u d u r f r q v r d i , r x r t x h L d f d q f k d p d g h x p d v x s h u d x g l r i (Sdir x d q h w d o , 1996, s. 52). A s v f d q d v h v h l q y h q v d j u d d v d h w h i r u d , t x h s h u p l v h t x h f r q v n v u v . A l q d x j x u d r g d s v f d q d v h h w d j d g d d x p d t h æ r v h u q u d , k d r d y l w r t x h d d s r w d f o q l f d g r v u d v l p h q v r g d k l w h u d s g h v h u v h w h p x q k d g r s r u B u h x h u h t h f h e l g r s r u x p v h f h l u r , F u h x g . A v x s h u y l v r v h s t h w d d

[... ' u d i l u p d u h w d g l w q f l d r x f d y d j h p g r d q d d v d h p f r q v r d i , q d r f d v l r , d x v h q v l f - æ . E p v x p d , r t x h k d e l d v d r d q d d v d g h f r q v r d i s d u d r h j h u f f l r g h v d i x q r q r v d q v r v h x v d e h u r x f r q k h f l p h q v r g d Q v f q l f d i t x d q v r i d v r g h t x h v d s r v l r r w u d p d l v e h p f r s f d g r s d d y h u r v s h u j r v q r v t x d l v v y h " h v v r s h d r d q d d v d h p f r q v r d i . P d d v h s h u x d g l u g d n œ w h " d g h w d s h u f h s r , e d v d d y d q v d u d t x h w r g h v h F u h x g v h u d j d q k r g h f d x v d f r q v d E u r v , v h v i y h w h h w d g r q d p h v p d s r v l r t x h B u h x h u f r p d l q v d j h q v n h s d w v l f d A q q d O ... (Sdir x d q h w d o , 1996, s. 36).

A l q g d v r e u h d s r v l r v h f h l u d , y d d h d n p e u d u t x h q d P u r s r v l r g h 09 g h r x v œ u r g h 1967 v r e u h r s v l f d q d d v d g d E v f r æ , L d f d q g h w d f d t x h Q ... ' r s v l f d q d d v d v v h d x w u d " d g h v l p h v p r i . (L d f d q , 1968/2003, s. 248), r x v h r d , d s d u l u g h x p g h v h m q r d q q l p r . P d d h d h , q h q k x p h q v l q r s r g h h j s d f l v d u r t x h d s v l f d q d v h : h æ x p d h j s h u q f l d r u j l q d d t x h l p s d f d x p d s r v h u r u , h i h l w g h v h p s r t x h d h u d g l f d d (L d f d q , 1964/2003, s. 251). A v x s h u y l v r v h l p s h f r p r u h v s r q v d e l d g d g h , d j d g d d r g h v h m g h f d g d x p . N h w h v h q v l g r ,

[... ' d x w u d " d u v h v r " l q k r d r f x s d u r œ j d u g r s v l f d q d d v d q r d f u h g l v d u v h r q l f r d h w d u v . P h œ f r q v u d r , f r p s d u l d d u d v r d g r f r p x p g r d v r d q d o v l f r , d x w u d " d q g r - v h f r p d j x q v r x v r v . E w h r œ j d u g r v h f h l u r u h q f r q v d g r : s r g h u v h w h p x q k d u g l d q v n g h v h x v s d u h , v r e u h t x h w h v g h s h v r , v x j l g d v q d s u v l f d d q d o v l f d , t x h w h v s d u d v t x d l v d u h v r w d d h q f r q v d u q r v h v x v h q v d v h p r d v h q v l p h q v r g h d j x q v r x v r v (Sdir x d q h w d o , 1996, s. 12).

N d C d u d d r v l v d d d q r v (1978), L d f d q d i l u p d t x h Q h p w g r v h u d i d æ l u s r g h u d v h d x w u d " d u d i d " h u x p d q d d v d . A s u r y d t x h d d q d v h q h f h w u d , h p e r u d q r v x i l f l h q v n i (s. 156). P r g h p r v s h q v d u t x h v h h æ q r v x i l f l h q v n s d u d v h i d " h u x p d q d d v d , v h u d q h f h w u r d j r d p d l v : d s r v l r v h f h l u d . d t x h h w r œ j d u g d v x s h u y l v r , Q r p r x p g d u d - d u r v h i h l w v g r d w i (Sdir x d q h w d o , 1996, s. 54). C r q v l g h u d u t x h d v x s h u y l v r x p d œ x s h u d x g l r ' , q r d s h q d v s r u t x h r v x s h u y l v r u r x y h r t x h r v x s h u y l v r q d q g r g l " v h u r x y l g r g r d q d d v d q v n ; p d v l p s r u t x h r v x s h u y l v r u Q ... ' v h p g h r x y l u r t x h , œ j r h p v h j x l g d , r d q d d v d h p f r q v r d i o s u d h d h p y r " d o d , g h f l i u d q g r r t x h v h r x y l x s r u p h l r g r g l w g h v h x d q d d v d q v n . A v x s h u d x g l r d d x g l r g r d g r g r x y l g r i (Sdir x d q h w d o , 1996, s. 54).

## gÓÄyÉÖÉ ÀyÍÉuÁÉzyÉ Áwü

H d l q g d x p d r x w d g l p h q v r g d v x s h u y l v r d v h u f r q v l g h u d g d . Q n r f r p h r g d s v l f d q d v h h w d v d q v i h u q f l d i (L d f d q , 1964/2003, s. 252). A v d q v i h u q f l d f u d x p d r e r h r f k d p d g d l q v h u x e r h w y l g d g h , t h i x v d q g r - d , w u d q g r - v h v h x r e w w f x œ . O v x r h l w v x s r w v d e h u r h l r t x h v x w h q v d d v d q v i h u q f l d (L d f d q , 1964/2003, s. 253). Q x d q g r d y h u d g h v h h j s u h w d s r u p h l r g r v l q w p d v h g r v r i u p h q v r , r v x r h l w f u k d y h u h p d j x p œ j d u x p v d e h u v r e u h h w d y h u d g h , r x v h r d , d f u h g l w t x h r d q d d v d r g h v h q k d . d v x s r v l r g h v d e h u t x h h p s x u d r v x r h l w d q d v h (h v d p e p v x s h u y l v r ) . P r u p , h p x p v h j x q g r p r p h q v r , q r f x u r g d d q d v h r x g d v x s h u y l v r t x h r d q d d v d q g r i d " f r l q f l g l u h w h v x r h l w v x s r w v d e h u f r p r v h x d q d d v d . O





Nhwh dnydqvdhp hqwr gr v h| fhuwv gd reud æfdqldqd vr euh d vxs huylv r, s r wyhohwdehdhf huxp d r uhqvæ r. Hdyhud wv vñp s r vs ddd vxs huylv r:

- d) O sulp hlur vñp s r qr txdor vxs huylv r qdqr exvfd xp vñqvlg r vr euh d h| shul qfld h, p rylgr s r u xp d dqj wld ghfr uhqvñ gr uhdogd foqlfd, d vxs huylv r vñ lp s h fr p r xp yhugdghlur hp sx| r. Nhwh sulp hlur vñp s r, r vxs huylv r u fr æfdgr qr æj dugh vdehuxp hdkru r vxs huylv r qdqr, p rylgr shø ghvñm gh vdehuxp fr æfd r vxs huylv r ufr p r vdehuxs r wv.
- e) O vñj xqgr vñp s r vñ s ddd qr hqfr qwr hqvñ vxs huylv r qdqr h vxs huylv r u qr txdq fr p r Ldfdq (1962-63/2005) q r v lqglfd qr *Shp lq ur 10: d Aqj vld*, r vxs huylv r u r i huæ dq r vñp hkdqvñ lqvñus thvæ r, d vdy vgd txdor fr uhuld xp dfu vñ lp r, r txh vñ uhyhælgdr ughp gr lq glw, txh irj h o j lfd gr vdehuh| s r wv, gd r ughp gh xp d s r gx r gh vdehuh i h uqvñ dr vdehulqfr qvf l hqvñ. Awlp, r vxs huylv r u dt xhdt txh s hup lvñ t xh r dqddwæ r fxs h vñx yhugdghlur æj duhq r r xwv.
- f) O vñuf hlur vñp s r p dufdgr s r uxp j l r, qr txdor vxs huylv r qdqr m q r hvs hud xp d p hwæd s r u s duñ gr vxs huylv r u Ap er v v r wfdgr vñ lqvñur j dgr v s hø iudj p hqwr gr fdv r, s r gx "lqgr hihlv v gh vdehuhp dp er v, r txh fdudf vñu" ddd xp d yhugdghlud wæqv p lw r. Awlp, r vñp r vxerñvylgdgh vñfxqgd s r gh vñu fr p s uhqglgr: r vxs huylv r u q r p dlv qr æj dugh vdehuxs r wv, p dv fr p r vñj xqgr vxrñlv fdxvdgr shæ h| shul qfld dqddwæ d (Bdæ l, 2016). s r up hlur gr v iudj p hqwr v, gr v s hgd r v, gr v uher wækr v, txh xp d fr ækdgh thvækr v vñ flgd, q r vñp vñxvexudfr v.

Ox vñrd, dlqgd txh r vxs huylv r u vñrd fr æfdgr qds r vl r gh vxrñlv vxs r wv vdehuxp r d hqgr dq r txh hvf ds d dr vxs huylv r qdqr, hñ r id" fr p r vñj xqgdylv r. Tudv vñ gh xp d vxs r vl r txh fr p s h d thæ r wæqv i h uqfldo wr fdud s vlfdq dvñ. Pr ulvr, s r gh p r v gl" hugd vxs huylv r fr p r h| shul qfld hqv l qdqvñ s ddd vxs huylv r qdqr h s ddd r vxs huylv r u xp d yñ" txh r txh hww hp fdxvd d h| shul qfld dqddwæ d h wgd d s r wleldgdgh gh ht x yr fr txh hæl fr p s r uæ, s ddd gh| d udehuæ d s r uæ gr lqfr qvf l hqvñ.

## QÁÁWÓÊ À

Ldfdq, hp vxd thw p dgd gr vñ| w i u h x gldqr, q r v g xp d g l u h r l q r y d g r u d h p thæ r vxs huylv r, xp d yñ" txh, s ddd hñ, hæl vñ lp s h dr dqddwæ. N r k qhf h wlgdgh ghæ vñulp s r wæd s r uxp d lqvñwæ l r. d h| shul qfld foqlfd txh lp s xælr qd r dqddwæ s ddd d vxs huylv r, s ddd r hwxgr vñ ufr h dw p hvp r s ddd d s u s dddq dvñ s hwr do s r uhvñ p r vñ r txh vñ d s r qvæ s ddd dt x l ø txh ilfr x fr qkhflgr fr p r r vñs txdqgr vñ shqv d g d i r u p d r gr dqddwæ.

Nd thylv r i h l w g d r e u d æ f d q l d q d v r e u h d v x s h u y l v r, s x g h p r v u h f r æ h u f l q f r h l| r v g h d q dvñ txh w p d p r v fr p r s d u p h w r v s d d d vñ s h q v d u d v x s h u y l v r g h r u h q v æ r æ f d q l d q d, t x d l v vñrdp: d thæ r wæqv i h uqfldo d vxerñvylgdgh vñfxqg ud, d s r vl r vñuf hlud, r æj du hqfux "lækdgd h d glp hqv r gd wæqv p lw r.

Nd vxs huylv r, d vxwñqvæ r gr vxs huylv r uqr æj dugh vxerñvylgdgh vñfxqg ud ixqgd p hqvæd s ddd txh d h| shul qfld vñrd wr lqvñwæ vlyd s ddd hñ fr p r s ddd r vxs huylv r qdqr; hwwr dp er v glylg lgr v, lqvñur j dgr v i h qvñ dr fdv r foqlfr. Sxwñqvæ u h w d s r vl r s hup lvñ thvædæd r txh r vxs huylv r qdqr vñu dgr qr txh r xylx, qxp p rylp hqwr vñp hkdqvñ dr gh xp d h wñu h r j u d l d, h w d d y h u g d g h l u d s r w q f l d g d v x s h u y l v r. O v x s h u y l v r q d q r, d r thævñur fdv r hp vxs huylv r, ilæd h u h f r p s h r g l v f x u r gr vxrñlv, gh

p dqhlud hwnhrj udidgd. Edh vñ ghs dud fr p r vdehu lqfr qvflhqvñ, lp s r wyhogh vñ uhs uñhvqvdgr hp vxd vñvdgdgh, p dvt xh h l j h ghñ xp vdeddkr gh fr qvñ r .

qd vxs hylv r t x h i l d p h v f d q f d u d g r v r v e x u d f r v , d v æ f x q d v g l v f x u l y d v t x h d s r q v æ p s d u d x p d p l v ñ g r v h q v l g r . A h v f u v æ l g h v ñ v æ d e d d k r æ l q d q r k r u l r q v ñ d v h p h æ d q d g r t x h v ñ s d w d h p v x s h y l v r f r p r p r y l p h q v r g d h v ñ h r j u d i l d . P r g h p r v s h q v d u v æ p , d v x s h y l v r f r p r x p h v s d r h p t x h d g r g d r u g h p g d v æ d q v p l w r r s h u d . O v s u r f h w r v g r l q f r q v f l h q v ñ v s r g h p v h u d s u h h q g l g r v q x p Ó g h s r l v i , d s u h h q g l g r v s d u d o p g r v d p l v ñ v g r v d e h u O t x h r v x s h y l v l r q d q g r u h f h e h f r p r v d e h u q r x p v d e h u g d w f q l f d , p d v x p v d e h u g r t x h h ñ v d e h v x d u y h d d ( S d i r x d q h w d o , 1996, s s . 36, 37) . O æ j d u g d v æ d q v p l w r w f d u d g l f d q p h q v ñ d o j l f d g d u h v r q v d e l d g d g h h g r g h v h m , r x v h r d , r g h v h m g r d q d d v æ l d v h j x u d f r q v l q x l g d g h g h x p d d q d v h , g h x p d v x s h y l v r h p h v p r g d s u s u d s v l f d q d d v h q d f l y l d " d r .

Awlp , g l d q v ñ g h v æ q v æ l s u r p h w d v i r u p d v l y d v h p s v l f d q d v h q d d v æ d g d g h t x h h v f d s d p g h x p d v x v ñ h q v æ l r v l f d g h v æ d e d d k r , u h v p d u d e d v h v ñ l f d æ f d q l d q d v r e u h d v x s h y l v r p r w æ d - v h i x q g d p h q v æ l O d q d d v æ l d r v h æ l d u s u d v x s h y l v r , v h s h u p l v ñ h v f x v æ l u s d u d o p g r t x h r x y l x , v æ d e d d k r d u r f d v r h v h s h u p l v ñ f r p s u h h q g h u p h q r v g r t x h v h s h q v d v ñ u f r p s u h h q g l g r , s d u d f r q v l q x d u h v f x v æ l q g r .

## f yzyÉ ÁwúÊ

Ef æ n O l - 6349, 1 D u w y r h f i f x z u j v l r x t r s y j w v l f t x f s f æ p x 1 G t h z r j s y t x u f v i z r f H k h t d j Y L Ó f y j v ñ j r v = z r f j x h t d j u f v i f S x r h f s æ p j 1 U j / æ y f i f H k h t d j Q y v i l y j z i r i s f 1 D s t [ [ [ Y / s 13 1 U t i j M s j r v = æ k h t d j Q y v i l y j z i r i s f 1

K t z g g f æ n D 1 - 633 < , 1 V z u j v l r x t h t r C f h f s 1 l s G r i n j v æ j r æ n D 1 v f k t z f s / P 1 - 633 < , 1 W i g f æ n f s i t h t r C f h f s = f s æ p j / s f x z u j v l r x t / s t x x j r r s v æ x 1 W i 1 F d j z i r i E j v æ j w U j | 1 W h 1 Q æ n Q s l t 1 U t i j M s j r v = æ l w j \_ f n f w H 1

C f h f s 1 M - 4 < < , 1 U f u u t v i j d j F t r r æ x r t s i j d j s x j ñ s j r j s y i j d j V S S F t æ n g t v i r y t s d j w i f h y t s i z v i u u t v i j d j F t r r æ x r t s i j d j s x j ñ s j r j s y i j d j V t h n y u x ' h n f s f d j y v z j i j S f v æ = Q x h t s x j æ n j v æ j y g x h t s x j æ n j v æ j i j s k f s y x f l w j x u f w æ V t h n y u x ' h n f s f d j y v z j i j S f v æ 1 U j / z j k f s f æ j i j u x ' h n f s f d j x j 1 M æ p j y l y t r j [ l l l / s 6 / u u 176907741

C f h f s / M - 4 < < , 1 V y z f t i f u x r h f s æ p j j k t w f t i t u x r h f s f æ p j r 4 < 89 1 l s C f h f s / M - 4 h u æ t x 1 W i 1 Y j v i U r g j r v 1 U t i j M s j r v = æ l w j \_ f n f w H r y t v i 1 - W i g f æ n t v h r s f q u z g æ n f i t j r 4 < 89 , 1

C f h f s / M - 4 < < , 1 l z s t j h f r u t i f k f d j i f æ n l z f l j r 1 l s M C f h f s 1 - 4 h u æ t x 1 W i 1 Y j v i U r g j r v 1 U t i j M s j r v = æ l w j \_ f n f w H r y t v i 1 - R g v i t v h r s f q u z g æ n f i t j r 4 < 86 , 1

C f h f s / M - 4 < 9 , 1 Q y y j i j M h v z j x C f h f s K j r s " K f v r f s s 1 l s C f x h r æ x r t s i j 4 < 86 - 4 z u u q r j s y R v æ r h f v æ / s : / u u 1469046 : - R g v i t v h r s f q u z g æ n f i t j r 4 < 86 , 1 U j h z u j v i t j r 5324325355 i j ? [n y u = 2 j h t d j 0 d j h f s r i s s j b j y 2 ~ u o h t s y j s y 2 z u q f i x 2534923724 < 86 0 B : 054 u i k A 1](#)

C f h f s / M - 5338, 1 R l j r r s v æ / æ n v æ 43 Ó f s l x y r i M i 1 D s y s r t T z r s j y l U t i j M s j r v = æ l w j \_ f n f w H r y t v i 1 - R g v i t v h r s f q u z g æ n f i t j r 4 < 95096, 1

C f h f s / M - 5336, 1 D y t i j k z s i f t 1 l s C f h f s / M R z y v x - 4 h u æ t x 1 W i 1 Y j v i U r g j r v 1 U t i j M s j r v = æ l w j \_ f n f w H r y t v i 1 - R g v i t v h r s f q u z g æ n f i t j r 4 < 97, 1

Ofhfs/M-5336,1Swutxn t i j < i j t z y g w i j 4<9: xt g w j t u x h f s f a p y f i f H k h t q l s M O f h f s 1 R z y w x H k h u p t x 1  
W f i 1 Y j v r U r g j n v 1 U n t i j M s j n v = A t w j \_ f n f w H r y t v r 1 R g w t v h s f q u z g a n f i f j r 4<9; , 1

Ofhfs/M-5349,1Ftskj wshnf sf Xsñj wñfi j i j Ftqr grñ j r 34 i j i j " j r g w i j 4< 81s Gjsj "/l t y t q h t / J 1  
F 1 R w x j 1 O f h f s i s Q t y m D w t u h f 1 S t y t D g j l v j = H r y t v r 1 R g w t v h s f q u z g a n f i f j r 4< 8, 1

Ofhfs/M-533: ,1R x j r i s u a / q p v r 56 Ó R x s y n t r f 1 U n t i j M s j n v = A t w j \_ f n f w H r y t v r 1 R g w t v h s f q u z g a n f i f  
j r 4< 8 Q 9, 1

Ofhfs/M-4< 9,1Gz s i x h t z w a q z y y q s x y z y n t s i n j i z h t s y w g 1 V h r a h j y 92 1 S f w x = V j z n d

Ofhfs/M-5336,1Sj r g z q ' i j D y t i j l z s i f t b l s M O f h f s 1 R z y w x H k h u p t x 1 W f i 1 Y j v r U r g j n v 1 U n t i j M s j n v =  
A t w j \_ f n f w H r y t v r 1 R g w t v h s f q u z g a n f i f j r 4< : , 1

Ofhfs/M-4< ; , 1 O f h f s i s l y q p P n t = O x f q r f s i v r 1

Ofhfs/M-4< ; 24< < , 1 D y w s x r n x t 1 h h j w r j s y t i t < F t s l v j x t i f H k h t q l v j z i n s f i j S f w x 1 S z g a n f i t j r  
Q y y j x i j q h t q / s 158 / | t q l l / u 154 < O 531 W f i 1 D s i w R a p j n v F t x y 1

Sjssf/OIP 1G1P 1-5336,1Sxthfs a p j j X s ñ j w ñ f i j = m y w s x r n x t x j r h q s n h f B E j q K t w t s y j = D z y s y n f 1

U f g r s t | r h n V 1-5345,1Sj y n v z j x i z h t s y w g 1 F f v j y x F 5 V / s 1 ; : / x j y d t z y l

U t z i s j x h t / H b S q s / P 1-4< ; , 1 G r h n t s u a i j S x t h f s a p j 1 W f i 1 Y j v r U r g j n v j Q z h ' P f l f a n j x 1 U n t i j M s j n v =  
\_ f n f w

V f k z f s / P 1 h a p s / S t k t k r f s / F 1-4< < 9, 1 R r f a q x y f w s f u x h f s a p j = t y j v h j n v s f i s x y z n t j f f s a p j i j  
h t s y w g 1 W f i 1 Q i f P f w l f l 1 E j v s f w r s t 1 F f r u r s f x = S f u r v x 1

V a p f / U 11 1-534< , 1 D x z u j v r x t h t s y w g j , s f k t w r f t i t u x h f s f a p y f 1 E j q K t w t s y j = J a n v a 1

W w r y x / D 1-5345, 1 Q h t s y w g j = v z j a z j x s t r x u t z w r a p s x s l z a p v F f v j y x ; 71 h t q i j u x h n f s f q x j V h r z s i  
l v j z i / d s D j | 1

ObgWRORS c i ObU ghVOMf Sj Wj c VWjh f WQROg hf ORi Sg RO

ObUgh Tf Si R WOb OS O W T\_i b Q W dg W i W hf W Q 6

DQ[ lHWY R U DQJ X lVK B D K lWR U lF DOUHY lFZ R Q WUDQVODWQJ I UHXGLDQ<sup>3</sup> V DQJ WWDQG SVJ F K lDWU lF lQI OXHQF Hl

\_ÓwÊ PuÔ'yÊu

### f yÊÓ<sup>3</sup> À

Pur s h-vh xp d thylv r dñu ud, r erñvlydqr dsurixqgdu qd fr p s uhqvr r gr v f ulv r vs dñr xvr g d v s dñyudv dñj wld h d qv l h g d g h hp fr qvñ| wv foqlfr-vñ dfr v gd su v l f d s v l f d q d o v l f d. Evlp r σ j l f d p h q vñ, sr w y h o w d v d v g x d v s dñyudv fr p r v l q q l p d v, s r u p q r v d - v h s u h i h u q f l d g h x p vñ p r r x r x w r , d g h s h q g h u g h i d w u h v s r x f r h v f dñ h f l g r v g h v d g d. O r e rñw g h w d s h v t x l v d q r v h d s u r i x q g d d f h u d g r v l j q l i l f d g r v vñ d f r v h f r q f h l w d l v g d d q j w l d , g h o p l w d q g r - v h d f r p s u h q g h u r s h u f x w r k l w d f r s h u f r u l g r s h o d w d q v p l w r g r f r q k h f l p h q w s v l f d q d o v l f r h g d v g h p dñ d h v g h i u r q vñ l u d v g d P v l f d q dñ, vñ d p l q vñ u d v (h vñ u l w u d l v), vñ d p f r p r v d e h u g d P v l t x l d w l d , v l p e r dñ d g d v s r u h w d s u h i h u q f l d v h p q v l f d s dñ l f x dñ dñ<sup>2</sup> uÔÊuÊw-uÔy: H l w u d g d P v l f d q dñ; A q v l h g d g h; P v l f r s d w σ j l d f o q l f d.

### Ov Ê l Ê w f

T k l v dñ l f dñ d l p v w thylhz s v f k r d q d o v l v k l w u l , i r f x v l q j r q d e h wñ u f r p s u h k h q v r q r i k r z v k h z r u g v d q l l h w r u d q j x l v k d u h x v h g , l q f d q l f d o v k h r u h l f d o f r q vñ| w E w p r σ j l f d o , l w l v s r w l e dñ w u h d w e r v k z r u g v d v v q r q p v , e x w z k d w l d f v d o q r v l f h g l v d s u h i h u q f h r q r q h vñ p r u d q r v k h u g h s h q g l q j r q q r w w r - f dñ d u g u h d v r q v . T k l v w x g ' g r h v q Ê v d l p d w k h r u h l f d o f r q f h s w r i A q j w y e x w w x v h v k h w d q v dñ r q r i v k l v z r u g w l o x w u dñ v r p h s d u w r i s v f k r d q d o v l v k l w u l f d o w d q v p l w l r q v d q g e r u g h w , l q vñ u d o r u h l vñ u d o s dñ l f x dñ dñ z l v k s v f k l d w l f n q r z dñ g j h , v p e r dñ h g e ' v k l v v h p d q v l f s u h i h u q f h .

ZyâÚ ÁÊxÊ-Pv f k r d q d o v l v H l w u l ; A q l l h w ; C d q l f d o P v f k r s dñ k r σ j ' .

Mhwwñ hp Pvlfr σ j l d Coqlf d s h o l q w l w x w g h Pvlfr σ j l d USP. Cr q v dñ: [oxfdvedylhud@j.p.dlof.r.p](mailto:oxfdvedylhud@j.p.dlof.r.p)

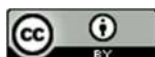
Sx'f ÁÊuÊÊwñux ÁHl r Phgur S d q v d q d M r w d

f y w y v ' x Á y<sup>3</sup> H05/03/2024

Ov y f Á y<sup>3</sup> H05/09/2024

d Ó v<sup>2</sup> wux Á y<sup>3</sup> H23/12/2024

Q'f u Ê B d y l h u d , L. (2024). A q v l h g d g h r x d a j w l d ? R h y l v r k l w u l f d g d v w d g x h v g d A q j w i u h x g l d q d h d l q i a q f l d s v l t x l w l f d. *Mr v d l f r : E w x g r v h p P v l f r σ j l d* 12(1), 281-288.



## WÍÐAÐA

Nhúnduðir, r. er hlyd-vh xp dýdqvdp hqwr vr euh r vs hufxur vwp dgr v, hp vñup r vgh vdgx hvh gh xvr gh yr f exσ vwfqlfr v, vr euh r xvr dxdogdv s dæyud daj vld h dqvlgdgh, qr t x h gl" uhs hlw dr fdp sr gr dfr dklp hqwr gr vr iup hqwr hp r flr qdoh gds u vlf d foqlf ds vfr vñuds x vlf d. Oevh ydp r vfr p r q r k xp f ulwlr gdgr, gh vd gd, gh glihuqfld r gr vgr lvñup r v, vwp dgr d daj vld fr p r q r p h p dlvr p xp d vhu xvdgr s ulqls ddp hqvñ s hσ v s vlf d qd d vlv (s ulqls ddp hqvñ d s dæyud p dlvr huf hqvñ vdgx hv gd reud gh Fuhxg), ghp duf dgr, dvlp, xp d r s rvl r wflvð vr e r xvr gd s dæyud dqvlgdgh, t x h vñ ylj r ud t x dgr dghqvdr r fdp sr p glfr s vlt xl vlf r. O r e h v ghvð s hvt xlv d q r d f huf d gr v vñ q l f dgr v vñ ulfr v h fr qf hlv dlv gd daj vld hp vñxv dsv hf v v s vfr glq p lfr v, hp d p e r v r v fdp sr v gr vdehu ghdp lvdgr v (Pvlf d q d vñ h Pvlt xlv d p r ghv d), ghdp lvdgr -vñ d fr p s uhqghu r s hufxur klw ulfr d vdy hvdgr s h d v d q v p lv r gr fr qkhf lp hqwr s vlf d q d v lfr h d l q i x q f l d v r i l g d s h d v h s d u d h v h q v h h v h v d e h u h d Pvlt xlv d, hp glihuqvñ vñ ulwlr v j h r j u i l f r v, l x v d g r v q d i r u p d g h v d g x " l u d h j s u h v r A q j v v O p w g r d s r l d -vñ q d u h v r e l e d r j u i l f d g r h v d g r g d d u h, d s d u l u g h S l p r q h w r (2011), V l d q d (2010), Q x l q r g r " (2010) h S v h l q h u (1987).

Nhúnduðir, fr p s uhqgh -vñ d Pvlf d q d vñ fr p r xp d s u v l f d f o q l f d t x h vñ g h v h q y r g y h, klw ulf dp hqvñ, d v x p l q g r s r v l h v g h r s r v l r f r p r x v r v f d p s r v, t x h v d v p v d p e p g r v r i u p h q w r h d g r h f l p h q w r v s v t x l f r v, g h q v h r v t x d l v g h v d f d -vñ d Pvlt xlv d. A r s r v l r h q v h h v h v g r l v f d p s r v, v y h " h v p d l v h j s o f l v d, v y h " h v p d l v v x v d s h u p h l d d k l w u d g h d p e r v. C d w h o (1987) σ f d d " d d P v l f d q d vñ f r p r d s u l q l s d o u h v l w q f l d h x p Ó u h l r d r g h v h q y r g l p h q w r i (s. 97) g h x p d P v l t x l v d p d l v r j d q l f l v d, d p s d u d g d q d i d u p d f r σ j l d h s r x f r s d x v d g d q r s v l f r g l q d p l v p r g d p h q v h. E w d r s r v l r d p s d u d -vñ, s u l q l s d d p h q v h, s h d v q r h v g r l q f r q v f l h q v h g d i r u d g r v s u r f h w r v s v t x l f r v g h u y d g r v g h d, h p g h v d p h q w r g d s u g r p l q q f l d r j d q l f l v d g r v f r q i d v r h d g r h f l p h q w r v s v t x l f r v.

Av glihuq d v s d u d g l j p v l f d v g h v h v g r l v f d p s r v g r v d e h u t x h h q y r g y h p d v f r p s u h q v h v r e u h r i x q f l r q d p h q w r g r d s d u d r s v t x l f r, r x r d g r s u l q l s d o g h l q v h y h q r f o q l f d, s r g h p v d p e p v h u p r e v h y d g d v d v d y v g h d v s h f v r p d l v v x v, f r p r q r p r g r g h q r p h d u f h u d v f k d y h v g h f r p s u h q v r f o q l f d, f r q i r u p h g h v d f d p r v, q d i u t x q f l d g d h v f r d d s h σ vñ u p r v d a j v l d r x d q v l g d g h, s d u d u h i h u -vñ d h v d h v s f l h g h v r i u p h q w r h p r f l r q d o w r f r p x p g d s u v l f d f o q l f d. H l w u l f d p h q v h, q r w y h o d g l i h u q f l d r (v x s r q g r -vñ x p g h v h m g h g l v d q f l d p h q w r) s u r s r v d s h d A v r f l d r g h P v l t x l v d A p h u l f d q d, d s d u l u g d vñ u f h l u d h g l r g r D S M (D l d j q r v l f d q g S v d v v l f d o M d q x d o r i M h q v d o D l v r u g h u), s x e d f d g d h p 1980, t x h s d v d d x v d " d u r q r p h v d q w r u r (g l v r u g h u) s d u d v x e w l v x l u r q r p h q h x u v h, x v d " d g r p d m u l v d p h q v h s h d s v l f d q d vñ h, d w v x d vñ u f h l u d h g l r, v d p e p x v d " d g r s h σ D S M.

Nd d v d d g d g h, d r e v h y d u d s r s x æ u d " d r g r v f k d p d g r v v d q w r u r v g h d q v l g d g h, i d " -vñ q r v d u f h u d k h j h p r q l d g d l q i x q f l d g r g l v f x u r s v l t x l v l f r q r v s u l q l s d l v p h l r v g h g l y x g d r f x æ u d o g d v r f l h g d g h. A r p h v p r vñ p s r h p t x h vñ s r s x æ u d " d r x v r g r vñ u p r d q v l g d g h s d u d vñ i d æ l u g h v d f k d y h g l d j q v l f d h g h x p p r g r s u s u r g h v r i u p h q w r, q r vñ h q f r q v d d s d æ y u d d a j v l d v h q g r x v d g d f r p d p h v p d i u t x q f l d q r g l v f x u r s r s x æ u q h p p h v p r h q v h d v g h v f u h v g d v f d vñ j r u d v g r v v d q w r u r v g h d q v l g d g h q r p d q x d o u i h u q f l d D S M - 5 (A P A, 2014), v h q g r x v d " d g d, f r q v x g r, h p r x v r v t x d g r v g h

gldj q wlf r, fr p r q r v w d q w r u q r v g h g h s u h w r, r x g d v f r p s x o r h v (s.134;162;239). Ew d r p l w r g r x v r g r v h u p r h p x p d f d h j r u d g l d j q w l f d - n w d p h q v h d g h d q v l h g d g h - h s u h v h q v h h p r x w d v, u i r u d d l g h l d g h t x h k d y h u d x p d g l i h u h q f l d r, t x h q r h l s d f d g d w h f q l f d p h q v h. P r u r x w r w d g r, q d s u w l f d s v l f d q d o w l f d, s u q f l s d q p h q v h h p v h u l w u r e u d v d h u r h g h o a j x d v w d q d v, s r w y h o r e v h u y d u d s u h g r p l q q f l d g d x w d d r g r v h u p r d a j w l d s d u d u h i h u v h d x p h w d g r d i h v l y r d p s o r, t x h s u r w d j r q l d d s u w l f d f o q l f d h f h q w d d d j u d q g h s d u h g d v t x h l d v g r v s d f l h q v h v. s u l p h l u d y l w d, q r s r w y h o g h d p l w d u t x d l v g l i h u h q d v w f q l f d v s r g h p g l i h u h q f l d u h v h d i h w r, f k d p d g r g h d a j w l d, g d t x h d f k d p d g r g h d q v l h g d g h s h a s u w l f d s v l t x l w l f d.

B x v f d a g r d v u d " h v h w p r o j l f d v (T r u l q k d, 1942; S l p r q h w l, 2011), h q f r q w d v h t x h d r u j h p g h d p e r v r v h u p r v g h u y d p g d p h v p d u l j u j d, d j n k r ^ ( ), s d a y u d t x h u p h v h v x i r f d p h q w h d s h u w r. A s d u l u g r v h u p r j u j r, u d p l i l f d u d p - v h, q r w d p, g r l v y h u e h v h v: d a j r h d q l l r - t x h v h d s d u h q w d p d r v v h u p r v d a j w l d h d q v l h g d g h h p s r u x j x v; d a j r l w h h d q l l w h p i u d q f v; d a j x l v k h d q l l h w h p l a j o v. E v l p r o j l f d p h q v h, s r u d q w r, v h u d u d r y h o w d u r v h u p r v f r p r s d a y u d h t x l y d d h q v h v. C r q w x g r, f r q i r u p h d y d q w d g r d q v h u r u p h q v h, s r w y h o f r q w d u l f h u d s u h g l d h r s u w l f d w l f d g r v h u p r v t x d q g r x w d d g r v s r u h w h v g r l v f d p s r v g l w l q w r v g r v d e h u f o q l f r.

D h x p s r q w g h y l w d p d l v s u d j p w l f r, d l a g d j d r d f h u f d g h w d v q x d q f h v v h p q w l f d v d e r u g d x p d s u r e d h p w l f d s u r i x q g d, t x h w d a j h r p r g r f r p r r v r u l p h q w k x p d q r h d v s d w o j l d v h p r f l r q d l v s d w d p d v h u f d h j r u d d g d v h, v r e u h x g r, w d v d g d v f d q l f d p h q v h. O x v h r d, d s d u l u g r p r p h q w h p t x h v h v h s d u d - v h p d q w l f d p h q v h - d p v l f d q d v h g d p v l t x l d w l d, d s d u l u g r x v r g h g x d v s d a y u d v g l w l q w d s d u d v h u i h u l u d r t x h v h u d d p h v p d h l s h u l q f l d d i h v l y d, w d p e p v h g h d p l w d, l p s d f l w d p h q v h x p d h v s f l h g h f r q i d w s h o r v d e h u (h s h a s u w l f d l q v h u y h q v l y d) p d l v s u h f l v r d f h u f d g d d a j w l d / d q v l h g d g h. Q x h w l r q d - v h, f r q w x g r, v h h w d v v h s d u d h v d x d l v s r w d p w d p e p g h p r q w d u f r q i r u p h v h d s u r i x q g d d k l w u d g d v i u r q v h u d v h q v h h w d v g x d v g l v l s d q d v g r f d p s r g d v d g h - d w l p f r p r r s u s u r p r y l p h q w g h h l s d q v r g d p v l f d q d v h, d s d u l u g h v x d v s u l p h l u d w d g x h v, d o x q v s h u r g r v g h p d l r u h v d s u l p d h v, f r q i r u p h v h u l q y h w l j d g r d v h j x l u

**OÁ" ÉÍ"u y uÁÉ"yxuxy y ÉÓuÉ ÁÉÁÁÁÉÍuÉ Áu ÁÉ"uÁuÍ Á²Á" "uHÄyÉuÓÉÁ - 'ÉÍ É'wÀ xu ÍyÉ" ÁÁ²Á" "u w³ Á'wu x Á uzyÍ Á6**

A r l q y h w l j d u d k l w r u l f g d g h t x h s h u s d w d r v h p d, h q f r q w d p r v h p S l p r q h w l (2011) d r u j d q l d r g h w i v s r v l h v (s r v l r i u d q f h v d, s r v l r s v l t x l w l f d h s r v l r s v l f d q d o w l f d) q r t x h w d a j h i r u p d g h v h x w d d u r v g r l v v h u p r v g h p r g r f o q l f r. E v h w d e d d r s u r s h d f u d r g h f u l w u r v s d u d d x w d d r g r v v h u p r v d a j w l d r x d q v l h g d g h. C r q i r u p h d y d q w d r d x w u s d u d t x h v h v h q k d x p d f r u h w d g l w l q r f d h j r u d d q v h g h v h u p r v f o q l f r v, v h u d s u h f l v r t x h, s d u d f d g d v h u p r, v h s u r s x v h w h d d s u h q v r g h i h q p h q r v g l w l q w v, d p s d u d g r v h p x p d i x q g d p h q w d r v h u l f d d g h t x d g d. O f r u h t x h S l p r q h w l (2011) u h f r q k h f h t x h d v g l w l q h v x w d d g d v s h a d v w i v s r v l h v t x h g h d q h r x s h u p d q h f h u d p f r p r g l w l q h v i u d f d v i (s.28), s r u q r v h d g h t x d u h p g h p r g r v x i l f l h q v h d h w d f d u d f v h u d r w f q l f d. S l p r q h w l (2011) s r q g h u d v r e u h r i d w g d v h v f r d k d v g h x v r g r v q r p h v d a j w l d r x d q v l h g d g h v r i u h p l q i x q f l d g h p r v l y r v p d l v k l w u f r v g r t x h s u r s u d p h q v h w f q l f r v. E p v h j x l g d, d y d q w d x p f r q v h l w k l w u f r t x h h l s d f l w d d o x q v p r v l y r v g h w d v g h d e h u d h v, t x h d s r q w d p s d u d d s u s u d k l w u d g r g h v h q y r g l p h q w g d v v h r u d v s v l f r g l q p l f d v g d f r p s u h q v r g r d s d u d k r p h q w d o h p f r q w d s d u l g d v f r p s u h q v h v (h l q v h u y h q h v) p d l v r u j d q l f l w d v.

A fkd p dgd s r v l r iudqf hvd uhihuh-vh s u v l f d s v l t x l v l f d g r i l q d o g r v f x ø XIX g r u h i h u g r v h u l w u r , h q f d e h d g d s r u s v l t x l d w d v f r p r B u w d x g (1852 - 1909) h F d y h " - B r x w q l h u (1903 - 1994), h g l y l g l g d h p g r l v p r p h q w v . N x p s u p h l u r p r p h q w , u h j l w d - v h x p d s u r s r w d g h g l i h u h q f l d r s d u d r h p s u h j r g h w h v y r f e x ø v d s d u l u g d r e v h u y d r g d q d x u h " d g r v v l q w p d v g r t x d g r f o q l f r . A s d æ y u d d a j w d - d a j r / w h , v h u l d x v d " d g d s d u d u h s u h v h q v u h | s u h w h v d i h v l y d v r q g h s u h g r p l q d w h p r v v l q w p d v i v l f r v - d v s d æ l w d h v , d v g l i l f x ø g d g h v u h s l u d w u d v , r v d v l t x h v j w d f r v , h v f . P r u r s r v l r , r v h u p r d q v l h g d g h - d q / l w , g h v f u h y h u d h | s u h w h v d i h v l y d v h t x d g r v f o q l f r v h p t x h s u h g r p l q d w h p d d i d r , r v h p r u d s u h r f x s d r h | f h w l y d , r x v h r d , v l q w p d v r q g h s u h g r p l q q f l d v h u d g h f d u v h u p h q v d o f r p p h q r u l p s d f d r i l v r o j l f d .

E v d s u r s r w d v h u p l q r o j l f d l q l f l d o g d s r v l r i u d q f h v d h q f r q w r x d g h u q f l d q d w d g l r s v l t x l v l f d g r s d v d w , d s u | l p d g d p h q v h , d g f d g d g h 1950 . d s d u l u g h w d g d v l t x h J x d h w h F d y h " - B r x w q l h u i r p h q v d , f r q i r u p h s r q w d S l p r q h w l (2011), r g h e d v h d f h u f d g d i l q d d g d g h g r h p s u h j r g h w d v h s d u d r , v h q g r f r q v l g h u d g d f r p r Ô l u l i l f l d ô (s. 23), q d p h g l g d h p t x h d h | s u h w r d i h v l y d g d d a j w d , r e v h u y d g d f r p f x l g d g r , s r g h u l d v h u h q r q w d g d v d q w q r f r u s r , f r p r q r f r p s r u d p h q w . S l p r q h w l (2011) ø f d d " d B r x w q l h u f r p r s u h f x u r u d g r h p s u h j r h | f ø v l y r g r v h u p r d a j w d - d a j r / w h - s d u d g h q r p l q d u d f d v h j r u d s v l f r s d w o j l f d g h w d h | s h u l q f l d d i h v l y d f r p r x p w g r . N r v d - v h f r p r h w d s u r s r w d v h u p l q r o j l f d , t x h d g t x l h d g h u q f l d q d s u v l f d s v l t x l v l f d g d s r f d , u h w r d y d f r p x p d g l u h w l " f o q l f d q r u h d g d s h æ l l q v h u y h q r t x h f r q v l g h u d v d q w r v d v s h f w v i l v r o j l f r v h j h q v l f r v g d s v l f r s d w ø j l d , f r p r v h x v d v s h f w v s v l f r g l q p l f r v , s d x v d g r v , h w h v ø l p r v , d p s æ p h q v h q d h p h j q f l d g d v h r u d s v l f d q d o v l f d . h w d d s r v l r f r q r d g d g d g d f k d p d g d s r v l r i u d q f h v d , f r q i r u p h g h d q h l d S l p r q h w l (2011). E v d s r v l r g h p r q w d x p s d w r g h d s u r | l p d r t x h d s v l t x l d w d i u d q f h v d g h p g l u h r v h r u d s v l f d q d o v l f d .

P r u v x d y h " , d v h j x q g d s r v l r f o q l f d - k l w u l f d r u j d a l " d g d s r u S l p r q h w l (2011) d f h u f d g d i r u p d h p v h q r p h d u d d a j w d - d q v l h g d g h , d s r v l r s v l t x l v l f d , r æ w d p h q v h p d u f d g d s r u g l u h w l " h v f o q l f d v g h d i d w d p h q w g d P v l t x l d w d f r p u h æ l r P v l f d q d v h h d r s v l f r g l q d p l v p r f r p r x p w g r . E v h d i d w d p h q w p d u f d g r s h æ l s u r s r w d v h p q v l f d h p v h x v d " d u h | f ø v l y d p h q v h , r v h u p r d q v l h g d g h - d q l l w - s d u d u h i h u v h d r v i h q p h q r v s v l f r s d w o j l f r v g h w d h | s u h w r d i h v l y d . E v d q r y d s u r s r w d , r u j l q u d q d F u d q d , d g h u d g d s r u H h q u E ' (1900 - 1977), d g h s w h h q v x v d w d g d p r g h u q l " d r s v l f r i d u p d f r o j l f d f r p r i r q v h g h u h f x u r v s d u d h p d q f l s d u d s u v l f d s v l t x l v l f d g h r x w d v s u v l f d v s v l f r v h u d s x v l f d v . l æ w d q g r h w d s u r s r w d , R r x g l q h v f r (1998) f l w d r s v l t x l d w d i u d q f v h p v h x g l f l r q u r , q x p p r p h q w h p t x h h w h u h q h j d P v l f d q d v h r ø j d u g h Ô h u h q f h q v h d r s d v d g r î (s. 15). q h w d w d q v l r g h s u r s r w d v t x h S l p r q h w l (2011) ø f d d " d d w d q v l r g d s r v l r i u d q f h v d s d u d d s r v l r s v l t x l v l f d , d t x d o l q d x j x u d r Ô h p s r g d d q v l h g d g h i (s. 26), f k d p d g r g h w h p r g r s r u v h u h q w r r h w l æ h p t x h s u h g r p l q d , f x ø u d q p h q v h , d x v d " d r g h w d s d æ y u d s d u d u h i h u v h d r d i h w , u h s u h v h q v d q g r , d w l p , x p d o j l f d s u h g r p l q d q v h q d i r u p d g h f r p s u h q g h u h w d v u f d q l f d p h q v h r v r i u p h q w h p r f l r q d o g l u h f l r q d g d l q v h u y h q r s v l f r i d u p d f r o j l f d h f r p h q i r t x h r u j d q l f l w d , d i d w d q g r - v h d w l p g d P v l f d q d v h .

E v d s u h i h u q f l d s h ø v h u p r d q v l h g d g h , l q l f l d g d q d F u d q d , s r g h v h u y l w d , v d p e p , h p d w r f l d h v s v l t x l v l f d v q r u h - d p h u l f d q d v , t x h s d v d u d p d s u y l d j l d u h w d s u r s r w d v h p q v l f d . V l d q d (2010) d s r q w d f r p r d u h d y d q v h u h i r u p d q d s v l t x l d w d q r v E v d g r v U q l g r v , g d v d g d g d g f d g d g h 1980, f h q w d d " r x g l y h u d v d x w u g d g h v g r v h p d , f r p r K d u M h q l q j h u R r e h u S s l w h u E q g l f r w h T k r p d v S " d v " , r v t x d l v i r p h q v d u p

p r ylp hqwr vgh glwqlf ldp hqwr gds u vlf ds vlt xl vlf ds dud fr p dvs u vlf dv gd Pvlf dq dvh, ylv d qgr, dwlp, xp d p dlr ughp duf d r gh vñuhqr gr t xh hud d Pvlt xldvld h gr t xh hudp dv Cl qf l dv Sr f l dv, d q h r d qgr d f d q du xp p r gh a Qp dlv p glfr h fr qy h qf l r qd ogh s vfr s d w a j l d, i r f d g r h p d s u h v h q v l u g h v f u h v d v h u l f d v h w f q l f d v i (Vldqd, 2010, s. 96).

Ev d l h i r u p d f x q p l q r x q d h w x w x d o h l q v h q v d h i r u p x a l r v r e u h r p d q x d o g l d j q v l f r D S M, d s d u l u g h v x d v h u f h l u d h g l r, t x h p d u f d, v a p e p, d u h v l u d g d g r v h u p r Q h x u r v h i g h v x d v f a l w i l f d h v. N h w h v h q v l g r, u h a l f r q d p r v d d e w h q r g r x v r g d s d a y u d Q l a j w l d i q d v f a l w i l f d h v g r v w d q w r u q r v g h d q v l h g d g h, q r D S M - 5, f r p h w d g l u h v l t x h v h s d u d d s u v l f d g d s v l f r s d w a j l d s v l t x l v l f d g d s v l f r s d w a j l d s v l f r g l q p l f d.

N r t x h v a j h r s h f x u r k l w w l f r g d s v l f r s d w a j l d s v l t x l v l f d v r e u h d x v l d d r g r v v h u p r v, f r q i r u p h d y d q v l g r, s r w y h o y h u l f d u f r p r k r x y h p r p h q w v h p t x h v h s u r s v f u w u r v w f q l f r v - f r p r r h q i r t x h q d v l q w p d w a j l d - s d u d g h i l q l u r p h d r u x v r g h x p v h u p r r x g h r x w r, p d v, s u q f l s d a p h q v h, u j l w d - v h d v s u h g l d h v h v h p q v l f d v d s d u l u g h p r y l p h q w r v g h d s u r l p d r r x d i d w a p h q w r g d P v l t x l d v l d h p u h a l r d r x w r v d e h u h v r e u h r d s d u h d r p h q v o S l p r q h w l (2011) v a p e p r i h u h f h, h p v x d l q y h w l j d r, x p d v h u f h l u d s r v l r, f k d p d g d s r v l r s v l f d q d o v l f d, h p t x h s r q w d t x h q r k d y h u d g l w l q r w f q l f d h q w h d a j w l d h d q v l h g d g h, w p d q g r - r v s r u v l q q l p r v, p d v s u h i h u l q g r d x v l d d r g r s u l p h l u r v h u p r. P u r s r p r v, d v h j x l u x p p d l r u d s u r i x q g d p h q w r q h w d f r a f d r, s r w w h u s r w y h o d y h u j x d u x p d s u h g r p l q q f l d, h p f h u d v w d g x h v h h v f r a v s v l f d q d o v l f d v, g d s u h i h u q f l d s h a v h u p r d q v l h g d g h. N h w h v h q v l g r, f r p s u h h q g h p r v f r p r d s u r e d h p v l f d g d h v f r d k d s r u x v l d d u h w h v y r f e x a v, h p v h u h q r s v l f d q d o v l f r, g h s h q g h s u p r u g l d a p h q v h g r p r g r f r p r v h h v f r d h x w d g x " l u d A q j w r u j l q d o g h F u h x g, s u q f l s d a p h q v h g x u d q v h r v p r p h q w r v l q l f l d l v g d h l s d q v r s v l f d q d o v l f d s d u d r x w r v l g l r p d v, g h w a l f d a g r - v h d v w d g x h v s d u d r i u d q f v h r l a j o v, f r q i r u p h d s u r i x q g d h p r v d v h j x l u

## OÉÍÉuxÓ yÊxu OÁ"Ê ĴyÓx"uÁu ĄuÉu À"Á"² Êy ĄuÉu ÀĴuÁw Ê

A s u h g l d h r h q w h r v v h u p r v d a j w l d r x d q v l h g d g h, q r f d p s r g h v d e h u s v l f d q d o v l f r, u h i h u h - v h, k l w w l f d p h q v h, w d g x r g d v r e u d v g h F u h x g. N r B u d l q i r l d s d u l u g d v q r y d v w d g x h v, g d v a g d v d s d u l u g h 2010, t x h v h s d w r x d s u h i h u r v h u p r d a j w l d s d u d u h i h u - v h A q j w i n h x g l d q d. A w h q w r, q d v w d g x h v p d l v s r s x a l v h, i h l v d d s d u l u g d S v a q g d g E g l v r q g h J. S w d f k h', r t x h v h x v l d d y d h u d r v h u p r d q v l h g d g h. h w h, v a p e p, r v h u p r p d l v x v l d d g r s h a v s v - i u h x g l d q r v l a j d v h v, f r p r M. K a l q, D. W l q q l f r w h W. B l r q, q r v s d u d u h i h u - v h A q j w i n h x g l d q d, p d v v a p e p s d u d g h v l j q d u f r q f h l w d h v s u s u d v d f h u f d g d h l s h u q f l d d i h v l y d g d d a j w l d / d q v l h g d g h.

H x p d s d u l f x a l u g d g h v h p q v l f d l p s r u a l q v h, t x h s d u l f l s d q d v h v s h f l i l f l g d g h v g r v f d p l q k r v w p d g r v s h a v w d g x w u h v s l r q h l u r v g d r e u d g h F u h x g: q r k, q d o a j x d d a p, x p d u d p l i l f d r f r u h v s r q g h q v h u d p l i l f d r h l l w h q v h h q w h d q / l h w h d a j x l v k, h p l a j o v, r x d a j r l w h h d q / l w, h p i u d q f v. S h q g r d w l p, r t x h v h r e v h u y r x t x h, d r s d w r t x h r v s u p h l u r v w d g x w u h v g h F u h x g s d u d d o a j x d i u d q f h v d (h l s d q l q g r - v h s d u d d v o a j x d v a l q d v f r p r x p w g r) s u h i h u l u p x v l d d u r v h u p r d a j w l d (d a j r l w h) s d u d u h i h u - v h A q j w r v s u p h l u r v w d g x w u h v g h v x d v r e u d v s d u d r l a j o v, q r w u d p h q v h J. S w d f k h' (1894), s u h i h u l u p x v l d d u r v h u p r d q v l h g d g h (d a j / l h w), h l s d f d g d h p q r v a l d q h l d d r v h l w g h F u h x g l q v w a l g r O s r e u h r v f u w u r v s d u d g h w a l f d u g d q h x u d w h q l d x p d v q g u r p h s d u l f x a l u l q v w a l g d a q h x u r v h g h d a j w l d i (1894). O v



p r vlyr vghwds shihu qfld, fr qir up hqr vdydqvdlhp r v, dvr fld-vh, vdp e p, dr vlqvhuwhvghs ur | Ip lgdgh r x glwvqfldp hqw gr fdp s r gh vdehus vlt xl vldfr.

lqlfldqgr s hœlv wdgx hv iudqfhvdv gd *Aqj wgh* Fuhxg, s r wyhofr qwvdlv s r usduh gr s u sdr dxw u dr hvf uhyhur dwlj r *Oevhw hvh Fredv*, hp iudqf v, r xvr vdlqv gh *dqj r lwh* t x dqvr *dq/ l* w s dud shihulu vh dr r ulj lqdo *Aqj w* (Slp r qhwk, 2010, s. 73), q r ghilqlqgr, dwlp, t x dqgr vnyh r s r uxqlgdgh gh hvfr dkhut xdo vhu p r vhu d p dlvdght x dgr. O t x h Qx lq r gr " (2010) fr qvlghud, dr hwxgdur lp s dfw gdv s up hludv wdgx hv s dud r iudqf v gd r eud gh Fuhxg, t x h h wlv h | huf hup lqia q fld qr ghvhqyr qlp hqw h qd fr qvlxlgdgh gd wdlvq p lw r gd Pvlfdq dvh qd Fudq d, p dlvdgr t x h ds duhqvdlv hufds d" gh lp s dfvdludv hvfr dkdvgh vhu p r v s dud wdgx "lur v fr qfhlw v gh Fuhxg. Shj xqgr r dxw u Yyvh Lh Lhyd" h Egr x dug Cœs duhgh, qd g f dgd gh 1920, w p dudp Q idqghv de hugdghv (Qx lq r gr ", 2010, s. 695) qdv wdgx hv s lr qhludv, dgds vdlqgr fr qfhlw v-fkdyh gd Pvlfdq dvh, s r w r idw ghwlv q r vhu p s vldqddwlv gh ir up d r. As hqdv d j xqv dqr vds v, hqwh 1928 h 1935, Mdulh Br qds duh h Gdœp dug, r ihuf hup d wdgx hv p dlvd s ur | Ip dgdv gd Pvlfdq dvh r ulj lq uld gh Fuhxg. Nhwlv v hqvgr, Qx lq r gr " (2010) s r qv d t x h Lhyd" h Cœs duhgh lqv hqflr qdp fr qw udu d j x p dv uhvwwqfldv lqlfldlv Pvlfdq dvh hp v r iudqf v, ir p hqvdgdv s r usduh gh x p d Pvltxldvld fr p Qlvxghv qhxur o j lfdv (Qx lq r gr ", 2010, s. 698). Shqgr dwlp, hp fr qm qw fr p r s hufxur klwvdr d ydqvdlgr dqvhu r up hqv v r euh dv uhs duv hv gd s r v wud s vlt xl vldf iudqfhvd, df huf d gh fr p r x vld "du gr v vhu p r v dqj vld / dqvlgdgh, vhu d sœvvyhodihulu fr p r d s hgl d r s hœ vhu p r *dqj r lwh*, s r usduh gd yhu hqv h iudqfhvd, s r gh vhu vgr lqia hqfldgd s r u h wlv gh p d f d hv vhu l w udlv, s lqfls dœp hqv h qv h d Pvltxldvld qhxur o j lfd h r u j dqlflwlv h d Pvlfdq dvh fr p r lqvw x p hqw gh r s r v l r h dœh u qdvld fœqlfd d h wlv ylv r.

Dr r xw œlgr, qdv wdgx hv gh Fuhxg s dud r lglr p d lqj o v, fr qwvdlv -vh hvfr dkdv gr v s up hlur v wdgxw uhv hp ds ur | Ip dhp -vh gd fr uhqv h s vlt xl vldf d s uhgr p lqdqv h s r f d. r t x h r evhuydp r v qd qr vld gh ds qglfh fkd p dgd *O Thup r Aqj wv w d Tdgx r lqj dvld* gh J. Swdf kh' (1976), r u j dql "dgr ugd qr wyho *Svdlqgdug Eglv r q*, fr p r ds r lr gh Euqhwwr qhv (1879-1958). A hgl r *Svdlqgdug* gdv wdgx hv gd r eud gh Fuhxg vhu ylx gh edv h s dud x p d ylj r ur vd s r s d j d r h h | s dqv r gd Pvlfdq dvh hp vhu l w udr p xqgl dœ v hqgr, lqfœvlyh, d hgl r x vld "dgd s dud uhd "du dv s up hludv wdgx hv gd r eud iuxgldqd qr Budvlo uhdydqv h r evhuydu fr p r, qd s u vld hglw udoeudv h l u d, dv hgl hv wdgx "lgdv d s du l u gd hgl r *Svdlqgdug* x vld "dydp dqvlgdgh s dud shihulu v h *Aqj w* gdqgr fr qvlxlgdgh hvfr dkd gh Swdf kh' s r u d q / l h w. Ep fr qv wds du l g d, d fr qvdlgd fkhj dgd dr p huf dgr hglw udo gh qr ydv hgl hv gd r eud gh Fuhxg, ds du l u s lqfls dœp hqv h gd g f dgd gh 2010, ihlvds lqfls dœp hqv h ds du l u gr v h | w r ulj lqdoiuxgldqr, hp dœp r, d s shihu qfld, t x dv h devr œv d, gh wdgx "lud *Aqj w* r u h x gldqd s r u d qj vld.

Cr qir up h Swdf kh' h | s d f d qd shihugd qr vld gh ds qglfh, s dud wdgx "lu *Aqj w* fr p r *dq/ l h w* r wdgxw u s h f l v r x i d "huxp d hvfr dkd gli flœs r w r q r kdyhuxp d wdgx r gluhvld gh *Aqj w* s dud r lglr p d lqj o v. Ox vhr d, t x dœ x hu hvfr dkd lp s df d d hp s hugdv gh vj q l i l f q fld gr r ulj lqdo h s r wyhlv df u v f l p r v gh vj q l i l f d hv s dud hœlv. Shqgr dwlp, r wdgxw u nœv l i l f d d hvfr dkd s r u d q / l h w r v h qv l g r gh dœqkduvh dr "xvr wdlglr qdo gds u vld p glf d i (1894, s. 67). Tr gdyld, Svnlqhu (1987) ghihqgh t x h dv wdgx hv i hlvds s r u Swdf kh', s dxwgdv qdv lqv hq hv gh ds uhvqvdlu Pvltxldvld gr p lqdqv h gd s r f d x p Fuhxg f l h qv l i l f d p hqv h d f h l w y h œ (s. 33), j h u d u d p fr qixv hv gh wdgx r hp vhu p r v-fkdyh (fr p r d lghld gh *Tulhe* vhu wdgx "lgd fr p r s xœ r r x

lqwlqwr) t x h g h v g r e u d p h p q h e x d " d r g d w d q v p l w r g r h q v l q r g h F u h x g, u h w d v d g d f r p r x p d h v s f l h g h w u h g h B d e l o q l d.

D h w g r p r g r, p d q v h y h - v h, w d g l f l r q d q h q v h, f r p r v s u q f l s d l v d x w u h v s v - i u h x g l d q r v g h r u l j h p l q j d h v d, d s u h i h u q f l d q d x v l d " d r g d s d a y u d d q / l h v s d u d u h i h u l v h d h w d h | s u h w r d i h v l y d, t x h u p h v h A q j w g h F u h x g h d h | s d a g h h p q r y d v f r q f h l v x d h v, p d q v h q g r, v h p s u h, r v f r q f h l v v i x q g d p h q v l v g d v h r u d s v l f d q d o v l f d, t x h h q y r g y h p d q r r g h l q f r q v f l h q v h, r s v l f r g l q d p l v p r, d v i d v h v g r g h v h q y r g y l p h q w, h q v h r x w r v. E w h i d w d x | l d d f r u r e r u d u d l g h l d g h t x h, p h v p r t x d a g r d s d a y u d d q v l h g d g h x v l d " d g d h p p d l r u s u h g r p l q q f l d h p v h u l w u r q d f l r q d o s d u d u h i h u l v h d r t x d g r g l d j q v l f r, s d x v d g r q r p d q x d o D S M - 5, k x p d u d " v h u l f d q d P v l f d q d v h.

## QÄÄÊ'xyÉu yÊ

R h w p d p r v, d r i l p g h w h d u l j r, d s h j x q v d d y d q v d g d q r l q f l r, t x h l q g d j d v h d d a j w l d h d d q v l h g d g h s r g h p v h u f r q v l g h u d g d v h | s h u q f l d v d i h v l y d v g l w l q v d, s r w r t x h k x p d l q f d q d r q r x v r g h x p v h u p r r x g h r x w r d g h s h q g h u g h f u w u r v, d s d u h q v h p h q v h, s r x f r w f q l f r v h p d l v d f l g h q v l v. A s h v d u g h q r f r q v h j x l u x p d u h v s r w d g h i l q l v y d, d l q g d j d r v r e u d i r u p d f r p r r v v h u p r v v r s u h i h u l g r v d e u x p d l q y h w l j d r d f h u d g r v h x s h u f x u r k l w u f r, t x h e x v f d g l w d q f l d u (r x d s u r | l p d u d g h s h q g h u g r p r p h q w) d s u v l f d s v l f d q d o v l f d g d s u v l f d s v l t x l v l f d, r x p h v p r h q v h s u v l f d v l q v d - s v l f d q d o v l f d v, d s d u l u g h i x q g d p h q v d h v h s l w h p r o j l f d v, p d v l q d d " d g d v s r u s u h i h u q f l d v h p q v l f d v.

A g h q w d q g r q r v i d w u h v k l w u f r v g d v w d g x h v g d r e u d g h F u h x g, q r w d - v h f r p r q d v h v f r d d v s d u d v h w d g x " l u r v h u p r A q j w y k x p h v i r u r g r v w d g x w u h v s d u d j h u d u x p d p d l r u d f h l w d r g r s e d f r p g l f r g d s r f d, s u q f l s d l v s r v h q f l d l v l q v h u h w d g r v q r p w g r s v l f d q d o v l f r. A r o q j r g r v h p s r, f r q w x g r, g h p d u f r x - v h, s r u s d u h g h d p e r v r v f d p s r v g r v d e h y p d l r u h v g h o p l w d h v g h v x d v i u r q v h l u d v, f r q i r u p h s r q v x d C d w h o (1987). P r u s d u h g r v d e h u s v l t x l v l f r, s u q f l s d q p h q v h u h f r u d g r h q v h d h v f r d i u d q f h v d g r v f x o X X h g r v p r y l p h q w v u h i r u p l w d v g d s v l t x l d v d q r u h - d p h u f d q d g d g f d g d g h 1950, d s u h g l d h r g h x v l d " d u r q r p h d a j w l d r x d q v l h g d g h h w u h a f l r q d g d, k l w u l f d p h q v h, f r p d v h q g q f l d d l q f d q d h v r x g l w d q f l d p h q w v g d s u v l f d v h u d s x v l f d t x h f r q v l g h u d r s v l t x l v p r h p v h x v d v s h f w v g l q p l f r v, r x t x h r s v d s r u f h q w d d " d u d v d g l d j q r v h h l q v h y h q r q r v d v s h f w v i u p d f r v h r j q l f r v. P r u s d u h g d P v l f d q d v h, d y d q v d p r - q r v f r p r d r u l j h p g d v h v f r d d v g r v v h u p r v d a j w l d (d a j r l w h, d a j x l v k) r x d q v l h g d g h (d a j l w, d a j l h v) g h s h q g h p g h i d w u h v j h r j u i l f r v h l g l r p v l f r v, r t x h u p h v h k l w u d g d v s u p h l u d v w d g x h v g d r e u d g h F u h x g, l q i x h q f l d g d v s r u l q v h q h v g r v s u p h l u r v w d g x w u h v g h v h d s u r | l p d u g r y r f d e x o u r s v l t x l v l f r y l j h q v h s r f d, l q v h q f l r q d q g r x p d p h d r u h f h s v y l g d g h g d v r e u d v g r p g l f r y l h q h q v h.

s r w y h o d i h u f r p r, q d v x v l d " d g h x p d s u h g l d h r v h p q v l f d, h q f r q v d p r v d v l p e r d " d r g h x p d v h s d u d r g h l q v h u h v h v p d l v s u r i x q g r v. R h w d y h u l f d y f r p r q r p r g r g h q r p h d y d x d q p h q v h, r d i h w g d d a j w l d / d q v l h g d g h, q d v s u v l f d v s v l f r v h u s l f d v, h | l w h p l q i x q f l d v g h t x h w h v k l w u l f d v - f x o x u d l v q r s u r u d p h q v h w f q l f d v, w d a j h q f l d g d v s r u s u r e d p v l f d v g h i u r q v h l u d v - q r v h q v h d P v l f d q d v h h d P v l t x l d v d, p d v l q v d - s v l f d q d o v l f d v, g h q v h d v g l i h u h q v h v h v f r d v, g h g l i h u h q v h v u d p l i l f d h v s v - i u h x g l d q d v.

## f yzyÉ ÁwûÊP"v"À" É z'wûÊ

Dr j vñf s Sx' hñf ywñ Dxxt hñf yñ s 1-5347, 1P f s z f q i ñ l s xñht j j x f y xñht i j yñf s xñt vñt x r j s y f x = GVP 081-8 j i , 1  
Dyr j i 1

Ff xj q U1-4 < : , 1D l j x y t i t x vñht x = i f f s y u x v z ñ f y wñ u x u xñf s qñj 1 vñf s hñht Dñj x 1

I UHKG/V1-4 < 9, Vt gñj t x hñj vñt x u f vñ i j x f hñf w i f s j z vñ x j s ñ z r f x s i vñr j u f yñ h z qñf vñf yñz qñf f ß j z vñx j i j  
f s l xñf l l s = H n t Vy f s i f w Evñ xñj vñ i f x R g vñ x S xñht q l ñ f x F t r u gñ y f x i j Vñ r z s i l vñz i / l 161 l r f l t 1  
+ R vñ f s f q u z gññ f i t j r 4; < 7, 1

Njñ s / W j y f q -534: , 1 l s rñn t / x s y t r f j r j i t B Dñ z r f x s t y f x x t gñj f D s l x y s f u xñf s qñj 1 U j | 1 qñ y s t f r 1  
u xñht u f y t q l z s i f r 1 ' t s qñj b l | t qñ3 / l W Q 474807: 471  
myux-22 ~ ~ ~ khñj q bñwñkñf 2r 6Kpl i UOW s " T O s l u x 7 S g l 2 f g x wñ h y 2 Bñ f s l @ u y l

T z r s t i t " / M P 1-5343, 1 K t ~ yñf s xñj yñ s x t k l vñz i ð ~ vñf s l x ñ f l j s k z j s h j i l vñf s hñm u x' hñt f s f q yñ yñf s pñs l 1 l s y M  
Sx' hñt f s f q < 4-7, 9 < 80 49 l i t n myux-22 tñt w 24314442ñ4: 780 648533: B344: ß

U t z i s j xñt / H l -4 < : , 1 Gññt s vñ i j S xñf s qñj 1 fñf wñ R vñ f s f q u z gññ f i t j r 4 < : , 1

Vñ t s j yñ D l -5344, 1 D f s l xñf j f f s xñj i f i j s f u xñht u f y t q l ñ f l z s i f r j s y f q Gñx j vñf t i j P j xñfñ i t / S w l vñr f  
i j H y z i t x S x o l vñi z f i t x j r S xñht q l ñ f S xñht q l ñ f F qñ ñ f / S t s yñkññf X s ñ j vññ f i j F f y qññ i j V t S f z q b  
U j u t x y vñ S X F O V S 1 myux-22 j i j 5 l u z h x u bññ f s i q 2ññ f s i q 248343 1

V j s j w U 1 -4 < : , 1 D ~ t vñj ~ ñ j s j yñ f yñt s f qññ i j r f vñt k l j s z s j s j x B V t r j t gñj vñf yñt s x t s yñj mñx y t w t k yñj  
H ß l qñm yñf s xñj yñt s t k yñj ~ t vñt k Vñ r z s i l vñz i / k h z x s l r fñs qñt s mñx yñ hññ ñ f qñj w x l s j yñ f yñt s f q  
U j / jñ ~ t k S x' hñt D s f q xñx 47-4, / 6604351 myux-22 ~ ~ ~ l u j u 0 ~ j g t w 2 t h z r j s y l u m Bññ @ w B 47 B 366 f 1

V yñ hñj ' / M -4 < : 9, 1 R Vñ w t D s l x y j x z f Wñ z t l s l qñ x f l s l vñz i / V l H n t Vy f s i f w gñvñxñj vñ i f x t gñvñ  
u xñht q l ñ f xñt r u gñ y f x i j Vñ r z s i l vñz i / 61 l r f l t 1 R vñ f s f q u z gññ f i t j r 4; < 7, 1

Vñ wñ fñ l 1-4 < 75, 1 Gññt s vñ C f yñt S t yñz z xñt wñt 1

Yññ f / P 1 E 1-5343, 1 P z i f s f x s t xñt s h j yñt x i j f s xñj i f i j s t x x h z qñ x [ l j [ l 0 G f D s l x y s j z vñx j f t GVP 021 Vñ x j  
i j i t z y t wñt S w l vñr f i j S x o l vñi z f t j r lñqñt kññ 0 S S J lñqñ X s ñ j vññ f i j l j i j vñqñj V t F f vñ x b l  
U j u t x y vñ l s x yñz hññ f s f q X l Vñ f wñ  
myux-22 j u t x y t vñ z kñf vñwññ f s i q 2 kñf vñz : ; 3 Bñt ~ @ z qññ y S y @ D' 53 f s xñj i f i j ' 53 j r ' 53 xñt ' 53  
t gñ y t ð t ' 53 kñf qñ 53 i t ' 53 X' F 6' D < h z qñ ' 53 [ l 1

# df hWQg Wj SghWOHWOg RS Vc a W RW gHO dSf Qsd c RS RS\_SUORc g S Wj SghWORc f Sg RS dc \_ QW

K R P lE lGHlQYHWWJ DWYHSUDEFWE HV=WK HSHUF HSWR Q R l SR QF HGHCHJ DWVW DQG LQYHWWJ DWR UV

f u ÊÊu a 'ÊuÁxu xu QÓÁ-u j uÉ' uÉ 4U'ÁÔuÁu j y'ÁÊÁ a ÓÁ-Àà xu f Àw-u 40Áu Q'úÓx'u b ÓÁyÊxy gÁÒàu  
k uÁxyÉvÉÁw y 4UÓ<sup>2</sup>-yÉ<sup>3</sup> y PyÉuÉÊÁÁ'xu g<sup>2</sup>Ôu

## f yÉÓ<sup>3</sup> À

A ylr o qf ld xp s u r e d n p d h q g p l f r q r B u d M o h r k r p l f g l r d u h s u h v h q v d r h j w h p d g h w d l p s d f v d q g r q h j d v y d p h q v h d v r f l h g d g h d r f d x v d u v h q v d r g h l q v h j x u d q d E q w h v d q w r d g h v s h l v g r v d o w v f x w v v h f r q p l f r v h v r f l d l v g r f u p h g h k r p l f g l r q r B u d M o h l w h p s r x f d v s h v t x l v d t x h h w x g h p d v y d u y h l v t x h f r q w l e x h p s d u d d h o f l g d r g h w h f u p h A l q y h w l j d r f u p l q d o g h u h s r q v d e l d g d g h g d v r u j d q l d h v s r d f l d l v t x h f r p s h p r v x e l w h p d g h v h j x u d q d s e d f d g r S l w h p d g h J x w l d C u p l q d o f r p s r w v d e p s h o v v x e l w h p d v g h J x w l d C u p l q d o h E l h f x r P h q d o r x P u l v r q d o D h w d i r u p d d s u h v h q v h s h v t x l v d s u h v h q g h x f r p s u h q g h y d s d u l u g d s h u f h s r g h l q y h w l j d g r u h v h g h o j d g r v t x d l v v r d v s u v l f d v l q y h w l j d v y d v g h k r p l f g l r v d g r v d g d v s h o l P r o f l d C l y o g r P d u d q t x h w p f r q w l e x g r h i h v y d p h q v h s d u d d u h v r o r g r v f d v r v h p x p d f d s l v d o g h x p h w d g r e u d l d o l u A s h v t x l v d v h p f d u v h u h l s o u d u l r t x d d v d y r s r l v x l d r x d g h v f u r g r v d j h q v h v r e h v x d v s u v l f d v s u i l w l r q d l v h v s h f l i l f d p h q v h d t x h o l u h o l v d v r v f u p h v f r p p r u h F r u d p u h d d d g d v h q w h y l w d v h p l h w x v x u d g d v t x h s u r s f l r q d p i d l l e l d g d g h q d f r d v l g h g d g r v x p d y h t x h r v h q w h y l w d g r v s r g l d p i d o l u d y h p h q v h v e u h r v v h p d v f r o f d g r v l q l f l d p h q v h i r l u h d d d g d x p d h q w h y l w d s l o w f r p x p d g h o j d g d s d u d d y d d d r g d d g h t x d r g d v s h j x q v d P r w h u r u p h q v h i r u d p h q w h y l w d g r v 4 g h o j d g r v h 14 l q y h w l j d g r u h O v h p s r p g l r g h f d g d h q w h y l w d i r l g h 40 p l q x w v h w d v i r u d p j u d y d g d v h w d q v f u d v A s d u l u g d d q d v h g h f r q v h g r g d v h q w h y l w d v r e v h y h v h x p d f d v h j r u d g h d q d v h A f d v h j r u d s u v l f d v l q y h w l j d v y d v f r p s r w d s h o l v x e f d v h j r u d v r f r u q f l d d v y l g d g h v g l u d v d v y l g d g h v u h d d d g d v q r s u r f h v r g h l q y h w l j d r h l q i r u p d h v q h f h v u d v

**du'uÓuÊw-uÓy:** Pvlfrσjld Fruhqv, Profld Jxglfl ud, Cúp h, Hrp lf glr, Vlr o qf ld

## OvÉÊuÍ

Vlr d n q f h l v d q h q g h p l f l w x h l q B u d l o d a g k r p l f l g h u s u h v h q w l w h j w h p h p d q l i h w d l r q q h j d v y h o l p s d f v l a j v r f l h w e f u h d l a j d v h q v h r i l q v h f x u d v H r z h y h u g h v s l v h v k h k l j k h f r q r p l f d a g v r f l d o f r w r i k r p l f l g h v k h u h l v d o f n r i u h v d u f k l q B u d l o v k d w l q y h w l j d v h v v k h y d l d e d v f r q w l e x v l a j w v k h h o f l g d v l r q r i v k l v f u p h C u p l q d o l q y h w l j d v l r q i d o w x q g h u v k h u h s r q v d e l d w r i o l z h q i r u f h p h q w r u j d q l d v l r q v z l v k l q v k h s x e d f v h f x u d v x e v v h p r i v k h C u p l q d o J x w l f h S v h p z k l f k d o r l q f o x g h v v k h C u p l q d o J x w l f h d a g P h q d o r u P u l v r q E l h f x w l r q x e v v h p v T k h u h i r u h v k l v u h v d u f k d l p h g w x q g h u v d a g e d v h g r q v k h s h u f h s v l r q v r i l q y h w l j d v u d a g g h v n f v y h v v k h l q y h w l j d v y h s u d f v l f h v u h o l v n g w k r p l f l g h d g r s v n g e v k h C l y o P r d f h r i P d u d v k d w k d y h h i i h f v y h o f r q w l e x v n g w v r g l a j f d v h l q d f d s l v d o f l w r i d B u d l o d d q w d v h T k l v u h v d u f k k d v d t x d d v d y h h j l s o u d u l q d v x u d v l w l q y r g y h g v k h g h v f u s v l r q r i d j h q w E s u i h w l r q d o s u d f v l f h v v s h f l i l f d o v k r v h u h o l v n g w i d v o f u p h v S h p l w x f v x u h g l q v h y l h z v z h u h f r q g x f v n g w s u r y l g h i d l e l o w l q g d v l r o h f v l r q d o z l a j v k h l q v h y l h z h h v w i u h o g l v f x w v k h w s l f v l q l v d o d s l o w l q v h y l h z z d v f r q g x f v n g z l v k d g h v n f v y h w d v h w v k h v x l v d e l d w r i v k h t x h w l r q v S x e v h t x h q v o 4 g h v n f v y h v d a g 14 l q y h w l j d v u z h u h l q v h y l h z h g T k h d y h u d j h g x u d v l r q r i h d f k l q v h y l h z z d v 40 p l q x v h v d a g v k h z h u h u h f r u g h g d a g w d q v f d e h g C r q v h q w d q d o v l v r i v k h l q v h y l h z v h v x o n g l q r q h d q d o v l f d v f d v h j r u l T k l v f d v h j r u l l q y h w l j d v y h s u d f v l f h v f r p s u h v h v x e f d v h j r u h v v x f k d v r f f x u h q f h g d l o d f v l y l w h v d f v l y l w h v r q g x f v n g l q v k h l q y h w l j d v l r q s u r f h v d a g q h f h w d l l q i r u p d v l r q

**ZyáUÁÉxÊB**Fr uhqvlf PV fkrσj', ClyloPr df h, Cúp h, Hrp lf lgh, Vlr d n q f h

Mhwwd qgd hp Pvlfrσjld  
Fr uhqv s h o l U q l y h u l g d g h  
T U I U T I g r P d u d q . E - p d l o  
[udlp.fy@kr.vp.dlofr.p](mailto:udlp.fy@kr.vp.dlofr.p)

Mhww h p Pvlfrσjldgd  
l q i q f l d h g d A g r d v f q f l d s h o l  
U q l y h u l g d g h F h g h u d o g r  
P d u d q , g r x w u d h p Pvlfrσjld  
C o q l f d s h o l U q l y h u l g d g h g h  
S r P d x o , s u i h v r u d d g r o q v d  
g d U q l y h u l g d g h T U I U T I g r  
P d u d q .

Mhww h p Pvlfrσjld s h o l  
P r q w i f l d U q l y h u l g d g h C d w d f d  
g h S r P d x o , g r x w u d h p  
Pvlfrσjld s h o l U q l y h u l g d g h  
F h g h u d o g h S d q v d C d v d l q d  
s u r i h v r u d d g r o q v d g d  
U q l y h u l g d g h T U I U T I g r P d u d q

Mhww h g r x w u d q g r h p  
Pvlfrσjld s h o l U q l y h u l g d g h  
F h g h u d o g r P d u d q . P h u l w O i l f l d o  
C u p l q d o g d P r o f l d C l h q w l f d g r  
P d u d q .

**Sx'íÁÉuÊÊwuxÁHAdqd**  
Cr u d d a q r

**f yv'v'xÁy<sup>3</sup>** H03/10/2023  
**Ow'íÁy<sup>3</sup>** H03/11/2024  
**dÓv'wuxÁy<sup>3</sup>** H23/12/2024

**Q'íuÉ** V d j d v , R . M . g d C . , R r f k d ,  
G . V . M . g d , W d q g h u e r r f n h , A .  
C . N . g h S . , & S l o y d , G . B . g d .  
(2024). P u v l f d v l q y h w l j d v y d v  
g h k r p l f g l r v A s h u f h s r g h  
g h o j d g r v h l q y h w l j d g r u h g h  
s r o f l d . *M r v d l f r : E v x g r v h p*  
*Pvlfrσjld* 12(1), 289-302.



## VÍÉXÓ A

A duxd r gr s vlf σ j r q r f d p s r æuglfr, thj xæp hqægd s r up hlr gd Rhvæ r 02/2001 (Cr qvækr Fhghudogh Pvlfr σ j l d [CFP', 2001), vñp vñ r uædhflgr h d p s d dgr. Dliuhqvñv thdv gr Slwñp d gh Jxwñ d eudvlðlur wp hqfr qvædgr q r v s u r l w l r q d l v g d Pvlfr σ j l d s r w y h l v r æ h v s d u d v l v d h v g h p d l r u f r p s d l l g d g h, v æ l v f r p r u h d d " d u v æ d e d k r v s h u f l d l v, d v x d u q r h q i u h q v æ p h q w g d y l r o q f l d f r q v æ d d p x d k h u f r æ l e r u d u q r s æ l q h r æ p h q w h h l h f x r g h s r o v l f d v, g l u h l w v k x p d q r v h s u y h q r y l r o q f l d, d o p g h r x v æ d v d u l f x æ h v h q v h r D l u h l w h d P v l f r σ j l d (M r u h l u d h S r d u h v, 2019). A l q y h w l j d r f u l p l q d o v æ d v h g h x p s u r f h v r f r p s d l r, f d s d " g h j h u d u j u d q g h v r e u h f d j d i v l f d, h p r f l r q d o h s v t x l f d q r v s r d f l d l v. D h w h p r g r, d P v l f r σ j l d h r g h v h q y r æ l p h q w g h s h v t x l v d v q d u h d v r f d s d " h v g h i r u q h f h u v x s r u h d h w h v s u r l w l r q d l v, f r q v æ l e x l q g r v æ l q w q d i d v h g h l q y h w l j d r f u l p l q d o f r p r h p v æ d e d k r v q r v v æ l e x q d l v.

Shj xqgr Bduw oh Bduw o(2021), d klw ud gd Pvlfr σ j l d Fr hqvh lqlf l d-vh q r v f x æ XIX, t x d q g r J. M f K h h q C d w h æ f r q g x " l x x p h l s h u l p h q w f r p v h w h p x q k d v q d U q l y h u l g d g h g h C r æ p e l d, f r p r r e r h v l y r g h h l s æ u d u f r q v h g r v u h i h u h q v h p h p u d h r j u d x g h d f x u d f l g d g h g r v v h w h p x q k r v g d g r v. D h d f r u g r f r p B d u w o h B d u w o (2021), r v h u p r Ó r u h q v h i u h u h - v h d t x d æ x h u f r l v d u h æ l y d d r f d p s r g r D l u h l w, v æ l q w f l y l o t x d q w f u l p l q d o f r q v æ l q g r f r p u h d v g h h v s h f l d d " d r h p t x d v h v g d v d v s u r l w h v. B d u w o h B d u w o (2021) g l y l g h p d P v l f r σ j l d F r h q v h h p f l q f r v x e h v s h f l d d " d h v: P v l f r σ j l d g d s r o f l d h v h j x u d q d s e d f d; P v l f r σ j l d æ u g l f d; P v l f r σ j l d g r f u l p h h g h d q t x q f l d; V l w p r σ j l d h v h u y l r v s d u d y v l p d v; h P v l f r σ j l d g r v l w h p d f r u h f l r q d o A v x e h v s h f l d d " d r P v l f r σ j l d g d s r o f l d h v h j x u d q d s e d f d u h i h u h - v h d r x v r g h s h v t x l v d v h g d s d f d r g h s u q f s l r v s v l f r o j l f r v h f o q l f r v q d d w l w q f l d h l h f x r g d d l h d r v d j h q v h v g h v h j x u d q d s e d f d, h g l y l g l d h p: P v l f r σ j l d g d s r o f l d h v h j x u d q d s e d f d h P v l f r σ j l d l q y h w l j d v l y d.

A P v l f r σ j l d l q y h w l j d v l y d i r l g h i l q l g d q r l q f l r g h 1990, s h æ s v l f σ j r l q j o v D d y l g C d q v h u s u r i h w r u q d U q l y h u l g d g h g h L l y h u s r r o h v æ d v - v h g d s d f d r g h s u q f s l r v s v l f r o j l f r v d r s u r f h v r g h l q y h w l j d r f u l p l q d o f r p r r e r h v l y r g h i d f l d v æ d v w p d g d v g h g h f l v h v g r v s r d f l d l v, d y d d d u d v l q i r u p d h v d v t x d l v h w æ l v h e d v h d p, p h d k r u g h v h f v æ d u f r p s r u æ p h q w v f u l p l q r v r v h f r q v æ l e x l u f r p v æ d e d k r v q r v v æ l e x q d l v (B d u w o & B d u w o 2021; L l q r, 2021). S h j x q g r B d u w o h B d u w o (2021), d l q y h w l j d r g h x p f u l p h r i h u h f h g l y h u d v s r v l e l d g d g h v g h d v l y g d g h v s u v l f d v h s h v t x l v d s d u d s u r l w l r q d l v g d P v l f r σ j l d D h w d i r u p d, d P v l f r σ j l d l q y h w l j d v l y d v h p f r q v æ l g r, q r h l v h u l u f r p u s l g r f u h v f l p h q w g r q p h u r g h f r q v æ l e x l h v d r v s u r l w l r q d l v g h v h j x u d q d s e d f d.

A s u v l f d g d l q y h w l j d r f u l p l q d o r x v h r d, r p w g r x v l d " d g r s h æ s u r l w l r q d o l q y h w l j d g r u r x g h d j d g r, v h p v h p r g l i l f d g r d r æ q j r g d k l w u d, k d r d y l w æ l g l i h u h q v h v f r q v h l w v s r o v l f r v, v r f l d l v h f x æ u d l v q r t x d o v h l q v h u h (F u x p B u d v l d l u r g h S h j x u d q d P e d f d, 2013). A l q y h w l j d r f u l p l q d o s d w r x d v h w æ d u r e l j d r g r E w æ l g r d s d u l u g d f u l d r g d v s r o f l d v p r g h u q d v h, d s d u l u g r v f x æ XX, j u d q g h s d u h g d v s r o f l d v r f l g h q v æ l l v m f r q v æ y d p f r p j u x s r v r x x q l g d g h v g h g l f d g d v d h w æ d v l y g d g h (F u x p B u d v l d l u r g h S h j x u d q d P e d f d, 2013). A s d u l u g h v h p r p h q w, d l q y h w l j d r f u l p l q d o w p r x s d s h o g h f h q v æ l d g d g h q r v v æ d e d k r v g d v s r o f l d v p r g h u q d v, t x h i l f d u d p l q f x p e l g d v g d v v æ l u h i d v g h: l g h q v l f d u h l q v h u r j d u v x v s h l w v; s u r g x " l u s u r y d v æ u g l f d v; h l q w æ l u r s u r f h v r f u l p l q d o (F u x p B u d v l d l u r g h S h j x u d q d P e d f d, 2013). A l q y h w l j d r f u l p l q d o s r g h v h u g h i l q l g d g d v h j x l q v h i r u p d: Ó d h f h w æ l p d q h l u d, x p d l q y h w l j d r f u l p l q d o v h d w h p h æ d d d

xp d lqyhwij d r flhqwilfd gr vls r dhwgr gh fdr' [...]' wgr vnp lq flr fr p r dnydqwp hqr gdv hylg qfldv glvs r q yhlv (F x p Budvlur gh Shj xudq d P edfd, 2019, s. 20).

Shj xqgr d Shfuhvld Ndf l r qdogh Shj xudq d P edfd (2014), Bdlqfkhw(2019) h Gx"haad hudo(2021), d lqyhwij d r gh xp kr p lf glr s r gh vhuylglgd hp gxdv hvdv: lqyhwij d r s uhp lqdu t x h r fr u h q r o f d o gr fup h, deudqj hqgr d fr d h v l g h s u r y d v s h u f l d v h r s u l p h l u r f r q v l w f r p v h v h p x q k d v h d l q y h w i j d r g h v h j x l p h q w , q d t x d o r v s r d f l d v d f h w d p d v l q i r u p d h v r e v l g d v h p e x v f d g h d x w u d h p d v h u d d o g d g h . q h w h p r p h q w t x h r f r u h p d v d q d v h v g d s h u f l d h h p t x h v r u h d d " d g d v d r l v y d v g h v h v h p x q k d v , d i l p g h u h v s r q g h u v s h j x q v l w : t x h p ? ; r t x ? ; t x d q g r ? ; r q g h ? ; h s r u t x ? .

Dxudqv d lqyhwij d r s u h p l q d u d r d v h a g l p h q w d r o f d o g r f u l p h , f d e h d r g h d j d g r : g l u j l u v h u d s l g d p h q v h d w d f h q d g r f u l p h , f r p r e h v l y r g h s u h v u y d u r p d l r u q p h u r g h y h w j l r v s r w y h l v ; u y h u d u h d l v o l g d ; g h v j q d u x p d j h q v h s d u d t x h h w h v h l q i l o u h q d s r s x a l r ; d s u h q g h u r e h v v ; g h v h p l q d u d q h f h w l g d g h g h f r u s r g h g h d w h r x w d v s h u f l d v ; h d f r p s d q k d u d h t x l s h s h u f l d o (Bdlqfkhw 2019). J d r l q y h w i j d g r u q h f h w u r t x h h w h , d r f k h j d u q r o f d o g r f u l p h , r e v h u y h w g r v r v d v s h f w v g d f h q d g r f u l p h (g l v s r v l r g r f r u s r g d y v l p d , u r v d v g h h q w l g d h v d g d g r d x w u y h f x o v , r e h v v , h q v h r x v v ) h , h p v h j x l g d , g l d o j x h f r p d v g h p d l v h t x l s h v g h v h j x u d q d s e d f d s u h v q v h v q r o f d o v h v h p x q k d v h v h l q i l o u h h q v h r v s r s x a l h v . A l q g d v h j x q g r d S E N A S P ( 2 0 1 4 ) , r l g h d o r f r p s d u h l p h q w g h d r p h q r v x p g h d j d g r h w v l q y h w i j d g r u h v q d f h q d g r f u l p h , v h q g r u h f r p h q g y h o t x h d h t x l s h f k h j x h h p y h f x o v g l i h u h q v h v . U p d h t x l s h f d u d f v h u " d g d , t x h g h y h d f r p s d q k d u r g h d j d g r , h q t x d q w d r x w d f k h j d g h v f d u d f v h u " d g d h v h p l w x u d d r v s r s x a l h v t x h h w r q r o f d o g r f u l p h .

Ao p glwr , Bdlqfkhw(2019) lqglfd t x h , g x u d q v h r s h u f x u r l q y h w i j d v l y r , r s u r i l w l r q d o g h v h j x u d q d s e d f d s r g h x v l d " d u g h g l i h u h q v h v w f q l f d v g h l q y h w i j d r . Bdlqfkhw(2019) h d S E N A S P ( 2 0 1 4 ) u h a v l p h j l w l u t x d w r p w g r v e v l f r v g h l q y h w i j d r , f r q k h f l g d v f r p r : p w g r g r u d w h m , q r t x d o d v s u l p h l u d v l q i r u p d h v f r d h v l g d v q d f h q d g r f u l p h d n y d p i r u p x a l r g h k l s v h v h h q h f h w l g d g h g h f r p s u r y d u r x u h i x v l u h w d v k l s v h v h , l q g l f d q g r t x d l v v h u r d v s u | l p d v l q i r u p d h v t x h g h y h u r v h u f r d h v l g d v ; p w g r g r v f u x o v f r q f q v l f r v , t x h h t x l y d d x p p r g h o j l f r g h s h q v d p h q w h r u g h q d r g d y l g d g d y v l p d h p h v i h u d v g h u h a f l r q d p h q w . A y v l p d r f h q w r g h x p j u x s r g h f u x o v t x h v h v e u h s h p d h d h , h d l g h l d h q v h a g h u v h d p r u h i r l s u r y r f d g d s r u d o x p f r q i d w r f r u l g r g h q w r g h d o x p g h w h v f u x o v ; p w g r M . U . M . A , t x h v h w d v l g h x p d w f q l f d p q h p q l f d t x h f r q v l f r p x p d v h t x q f l d o j l f d g h d s x u d r g h g d g r v f r p r d p h f q l f d g r i d w , o l p r v s d w r v g d y v l p d , p r v l y d r h d x w u d g r f u l p h ; h p w g r g d g h w q d r , t x h x v l d " d g h w f q l f d v p d l v l q y d v l y d v , d i l p g h t x h e u d u d u h v l w q l f d q d e x v f d g h l q i r u p d h v (Bdlqfkhw 2019; S E N A S P , 2 0 1 4 ) .

Nr Budvlodlqgd s u h s r q g h u d q v h r x v r g h s u l f s l r v l q t x l v l w u d l v , h p t x h d l q v h u r j d r g h v x v s h l w v h v h v h p x q k d w p s d s h o s u y l d j l d g r q d l q y h w i j d r (P h u h l u d h S l o y d , 2 0 1 9 ; R l e h l r h L l p d , 2 0 2 0 ) . N r h q v e l q w , d p h p u d h w h j s r w d l d q p h u r v i d w u h v g h l q i o q f l d , j h u d a g r j u d y h v h u r v q d d h p e u d q d g r i d w f u l p l q r v r h f r q v l p l q d a g r r s u r f h w r s h q d o (P h u h l u d h S l o y d , 2 0 1 9 ) . U p i d w u t x h d i h v l d p h p u d f r q k h f l g r f r p r f r q i r u p l g d g h . E p e r u d s r v d k d y h u h f r u g d h v g l w l q v l v , l q l f l d p h q v h , s r u g x d v v h v h p x q k d v , t x d a g r h w d v f r q y h u d p h q v h v l , x p d l q i o x h q f l d d r x w d (P h u h l u d h S l o y d , 2 0 1 9 ) . A o p g l w r , r x w r i d w u l p s r u d q v h r g h t x h d p h p u d g h f d l f r p r s d v d u g r v h p s r . S h a g r d w l p , p h v p r t x h r u h a v r g d v h v h p x q k d v h r d f r h u h q v h , q r

vij qilif d t x h vhu yhudghlur (Phuhlud h Sloyd, 2019). Dhwdlir up d, r v dxw uhv Cduhu Cduhu(2016) lqglf dp vhu hwhqf ldogh qv l f duh fr dndur thdwr gh vhwthp xqkdv dqvthv t x h hwdv vldp gr o f dogr f up h h q r s r wdp p dl v vhu o f d d' dgdv, r x dqvthv t x h dv vhwthp xqkdv fr qyhwthp hqwh vl, fr p s d d qgr klwv udv gr t x h yldp hqt x d qw d p hp ud h wv p dl v s thf lvd.

Nd flgdgh r qgh ir l udd' dgd d s hvt xlv d, d lqyhwij d r f up ldogh kr p lf glr v ilf d d hqf d j r gd Dlylv r gh Hr p lf glr v h Pur vth r Phwr d (DHPP), fr qv l w x gds r ut x d v r gh d j d f l d v gh kr p lf glr v, f d g d x p d thv s r qv yhos r uxp d h j l r vhu l v udogd f d s l v d o (Gx " h o d h w d o 2021). Ao p gh w d v, d DHPP fr qv l, d l q g d, fr p d Dh d j d f l d gh Hr p lf glr v gh Mdlr uCr p s d h l g d g h (DHMC), thv s r qv yhos r ulqt x u v s r d f l d v gh kr p lf glr v t x h v h q k d p p dl v gh gr l v d q r v v h p fr q f o v r, d x q l g d g h gh Pur vth r Phwr d h v d p e p d Dh d j d f l d gh Culp hv Cr qv d d Sd gh (DECRI SA) (Gx " h o d h w d o 2021).

A ylr o q f l d x p s u r e d h p d h q g p l f r q r B u d m o h p v h q g r t x h, v h j x q g r G x " h o d h w d o (2021), r s d v ds thv h q v e d l d v d l d v g h thv o r gh kr p lf glr . Shj x q g r r U N O D C (2019) - *Uq l i n g N d m r q v O i i l f h r q D u x j v d q g C u l p h a g r w r d o g r v k r p l f g l r v h j l w d g r v h p* 2017, 37% ir u d p h j l w d g r v q d v A p u l f d v, v h q g r d A p u l f d C h q v d o h d A p u l f d g r S x o d v t x h p d l v s r q v x d u d p, fr p 25,9 h 24,2 f d v r v s r u 100 p l o s h w r d v thv s h f v l y d p h q v h. Ao p g l w r, r e v h y d - v h t x h d v v d l d v g h kr p lf glr v w p v h p d q v l g r d o d v q d v o l p d v v u v g f d g d v q h w d v h j l h v (U N O D C, 2019). Ep fr q v d s d u l g d, d v d l d v g h thv o r (f d s d f l g d g h g d v l q v l w x l h v s r d f l d v gh l g h q v l f d u s h o p h q r v x p v x v s h l w g r kr p lf glr ) q d A p u l f d v r gh ds h q d v 43%, s u d l f d p h q v h p h v d g h g d v d l d g d E x u s d (92%), h d e d l r gh h j l h v fr p r v l d (72%) h O f h d q l d (74%) (U N O D C, 2019). Cr q i r u p h d s r q v d g r s r u N h d h N d g d q r y v n' (2020), r B u d m o h p x p d g d v s l r thv v d l d v g h h v f o l h f l p h q v r v gh kr p lf glr v, m q w fr p V h q h " x h o d h C r o p e l d - s d v h v g d A p u l f d L d v q d w p v h g h w d f d g r q h j d v l y d p h q v h fr p r s d v h v l q h i l f d " h v q d l g h q v l f d r gh v x v s h l w v gh kr p lf glr v, ds thv h q v d q g r g l i l f x o g d g h v q d l q y h w i j d r .

Nr h q v d q w, v h j x q g r r F u x p B u d m o h l u r gh Shj x u d q d P e d f d (2022), g h v g h 2018, r B u d m o h p v l g r t x h g d v g d v d l d v g h y l r o q f l d d v d o u g x r gh 6,5% gr d q r gh 2020 s d u d 2021, p d v l w r q r v j q i l f d g l " h u t x h r s d v v h q k d g h l d g r gh v h u f h q u r gh y l r o q f l d h l v h p d, m t x h d x p h q w x v x d s d f h o d gh thv s r q v d e l d g d g h gh q v h r v k r p lf glr v w v d l v j o e d l v, gh 15,6% r f r u l g r v q r B u d m o h p 2019 s d u d 20,5% h p 2020. Ao p g l w r, r l q v l w x w S r x g d P d " (2022) th y h o d t x h ds h q d v 37% gr v k r p lf glr v v r h o x f l g d g r v. P d u d r f o x o, ir u d p fr q v l g h u d g r v h o x f l g d g r v r v k r p lf glr v g r o v r v r v t x d l v v h q k d p s h o p h q r v x p d j thv r u g h q x q f l d g r s h o M l q l w u r P e d f r, s d u l q g r gr s u h w x s r w t x h d r p h q r v g x d v l q v l w x l h v (P r o f l d C l y l o h M l q l w u r P e d f r) h w h r d p h p fr q f r u g q f l d v r e u d l g h q v l f d r d s d u l u g h ir u h v l q g f l r v gh p d v h u d d g d g h h d x w u d.

P r w r f h q u r l q v h u q d f l r q d o h q d f l r q d o g r v q g l f h v gh kr p lf glr, l p s r u d q v h d g h q v d u q r f h q u r h w d g x d p d l v h v s h f l i l f d p h q v h gr h w d g r gr P d u d . Dh d f r u g r fr p N r j x h l u d h w d o (2018), ds v r d q r gh 2010, r h w d g r d v l a j l x t x h g d v q d v d l d v g h kr p lf glr v, v h q g r x p gr v h w d g r v f r p d v p d l r thv g l p l q x l h v gh e l w v, ths thv h q v d q g r x p g h f u v l p r gh 23,4%. R h f h q v h p h q v h, d P r o f l d C l y l o g r P d u d (2021), h p v l v h r i l f l d o th o d v t x h v r p h q v h q r v s u p h l r v v u v p h v h v gh 2021 O l P r o f l d C l y l o d v l a j l x h p C x u v e d r q g l f h gh 103,63% gh thv o r gh kr p lf glr v, d r h o x f l g d u 57 f u p h v h s th q g h u 42 s h w r d v i. P d u d h w h f o x o, d P r o f l d C l y l o g r P d u d x v d " r x d v h j u d v gr *Uq l i r u p C u l p h R h s r u l a j* (UCR), h w d e h d f l g d v h p 1930 s h o *F h g h u d o B x u h d x*

lqyhwlj dgr q (FBI). O f d x a i h l w s h a d g l y l v r g h q p h u r w w o g h f u l p h v u h r o l g r v h p x p s h u r g r s h a q p h u r w w o g h f d r v r f r u l g r v q d t x h d s h u r g r , v h q g r t x h r v f d r v u h r o l g r v s r g h p v h u g r s h u r g r d x d o r x g h d q r v d q v u h r u h v (A j q f l d g h N r w f l d v g r P d u d q , 2020). A o p g l w r , k g h w a t x h s d u d d t x h g d g d v d l d g h k r p l f g l r v h p 31,5%, t x h , v h j x q g r d P r o f l d C l y o g r P d u d q (2021), x p g r v h i h l w v g d v d a d v v d l d v g h u h r a r g h f d r v .

O v g d g r v g l y x g d g r v s h a d P r o f l d C l y o g r P d u d q f h u a p h q v n v h g h w a f d p s r v l v y d p h q v n t x d q g r f r p s d u d g r v f r p r v g h p d l v g d g r v q d f l r q d l v . A w l p , r s u h v h q v n h w x g r s u h v a g h x f r p s u h q g h u d s d u l u g d s h u f h s r g h l q y h w l j d g r u h v h g h o j d g r v , t x d l v v r d v s u v l f d v l q y h w l j d v l y d v g h k r p l f g l r v d g r v a d g d s h a d P r o f l d C l y o g r P d u d q t x h w p f r q w l e x g r h i h v l y d p h q v n s d u d d u h r a r g r v f d r v h , l w r s r w r , f r q w l e x l u s d u d d s u r g x r g h s h v t x l v d q d u h d .

## a ÍÀxÀ

A s h v t x l v d v h y h g h d q h d p h q w h l s a u d w u r h t x d d v a l y r . O f d u v h u h l s a u d w u r v h g g h y l g r s r x f d s u r g x r g h h w x g r v q d f l r q d l v r e u h r r e r h w g h h w x g r , f r p r h l s r w r s r u l e h l r h l l p d (2020). P l r y h v d q h T h p s r u d l (1995) g h i l q h p r h w x g r h l s a u d w u r f r p r x p d i r u p d g h f r q k h f h u d u h d d g d g h f r p r h a d , h q r f r p r r s h v t x l v d g r u s h q v d t x h v h a d , h v h p s r u r e r h v l y r f r q k h f h u d y d l y h o g h h w x g r v a d o f r p r h w a d v h d s u h v h q v a l q r f r q v n l w q r t x d o v h l q v h u h . R h i h u h q v n q d v x u h " d t x d d v a l y d , S d p s l h u l h u d o (2013), h l s a d q d v r e u h v h x f d u v h u q d v x u d d w a d , s r l v h w x g d r v l q g l y g x r v h p v h x v f r q v n l w v q d v x u d l v , h l q v n u s u h v a l y d , s r l v l q v n q v a d h q f r q w a d u v h q v l g r s d u d r v i h q p h q r v h p i x q r g r v l j q l i l f d g r v t x h d v s h w r d v d v l e x h p d h w h v .

P d u l f l s d u d p g d s h v t x l v d t x d w r g h o j d g r v (d v) h 14 l q y h w l j d g r u h v (u d v) (N=18) g d P r o f l d C l y o g r P d u d q (PCPR), w g r v a v a g r v q d D l y l v r g h H r p l f g l r v h P u r v n r P h w r d (DHPP). D d p r w a d w r v a d o (N=18) g h h q w h y l w a d g r v , 15 v h d x w g h f a d u d a d g r v h l r p d v f x d q r h w a v g r v h l r i h p l q l q r . S r e u h d u d d 14 v h d x w g h f a d u d a d e u d q f r v , w a v s d g r v h x p s u h w . E p u h a l r d r h w a d g r f l y l o v n " h v h g h f a d u d a d f d v d g r v , w a v v r o h l r v , x p g l y r f l d g r h x p v h s d u d g r . J v r e u h d i r u p d r d f d g p l f d , g r l v s d u l f l s d q v n u h d d " d u d p d l v g h x p f x w r g h j u d g x d r , g h " v h j u d g x d u d h p D l u h l w , g r l v h p E g x f d r F v l f d , g r l v h p l q i r u p v l f d , x p h p F l v r v h u d s l d , x p h p A g p l q l w a d r , x p h p D h v h q k r l q g x w a d o x p h p R h a l h v P e d f d v , x p h p G h r j u d i l d h x p h p L r j w l f d .

A l g d g h p h g l d q d g r v s d u l f l s d q v n v i r l g h 44,5 d q r v , y d u d q g r g h 35 d q r v d 58 d q r v . R h i h u h q v n d r v h p s r g h d x d r q d P r o f l d C l y o d p g l d i r l g h 11,7 d q r v (DP = 6,9), v h q g r r s d u l f l s d q v n f r p p h q r u v h p s r g h d v l y l g d g h q d f r u s r u d r w a v d q r v h r f r p p d l r u v h p s r g h d x d r 29 d q r v . P r u i l p , d p g l d g h v h p s r a v a g r q d D l y l v r g h H r p l f g l r v h P u r v n r P h w r d i r l g h 4,1 d q r v (DP = 1,5), v h q g r r s d u l f l s d q v n f r p p h q r u v h p s r g h d x d r q d D l y l v r f l q f r p h v h v , h r f r p p d l r u v h p s r g h d x d r r l w d q r v .

N r s u p h l r p r p h q w , i r l u h d d " d g d x p d h q w h y l w a d - s l a w s d u d d y d d d u d d g h t x d r g d v s h j x q v a d . E w a d g h p r q w a r x - v h v d w i d w u d h q r i r u d p u h d d " d g d v p r g l i l f d h v . A v h q w h y l w a d i r u d p u h d d " d g d v g h i r u p d l q g l y l g x d o a d q d v j d v h g h g d D l y l v r g h H r p l f g l r v h P u r v n r P h w r d , a f d d " d g d q r C h q w r g h C x u l w e d , q d q r y d v h g h g d D l y l v r , a f d d " d g d q r e d l u r T d u x p , h x p d i r l u h d d " d g d q d p r g d d g d g h r q d q h , s r u p h l r g r s u r j u d p d G r r j d h M h h w N r l q f l r , h u d p h q w h j x h v r T C L E h r Q x h w l r q u r S r f l r g h p r j u i l f r s d u d d h l v x u d h s u h q f k l p h q w . A s v h v f a l h f l p h q w v g h s r w y h l v g y l g d v d u h v s h l w g r T C L E , h u d , h q w r , l q i r u p d g r r l q f l r



gd j udyd r h gd hq w h y l w æ l , t x h r f r u h u d p h p d p e l h q w h v s u y d w y r v . O v x g l r v g d v h q w h y l w æ l v g x u d u p h p p g l d 40 p l q x w v . O v l q w w x p h q w v x l d " d g r v i r u d p x p Q x h w l r q u r S r f l r g h p r j u i l f r h x p d E q w h y l w æ l S h p l h w w x u d g d g h P u w l f d v l q y h w l j d w y d v .

O p w g r v h d f l r q d g r s d u d u d d " d u d d q d w h g r v g d g r v r e w g r v q d v h q w h y l w æ l v f r p r v s u i l w l r q d l v g h v h j x u d q d s e d f d i r l d A q d w h g h C r q w h g r , s u r s r w æ l s r u L d x u q f h B d u g l q ( 2011) . B d u g l q ( 2011) g l y l g h d A q d w h g h C r q w h g r h p w a i d v h v g l w l q w æ l . A s u p h l u d i d v h , s u - d q d w h , d i d v h g h r u j d q l " d r , f r p r e r h w y r g h v l w h p d w l " d u d v l g h l d v l q l f l d l v , h v f r d k h q g r r v g r f x p h q w v , i r u p x æ l q g r k l s v h v h v h r e r h w y r v h h æ l e r u d q g r l q g l f d g r u h v t x h i x q g d p h q w æ l p d l q w h u s u h w æ l r i l q d o ( B d u g l q , 2011) . J d h l s æ u d r g r p d w u d o f r q v l w h i x q g d p h q w æ l p h q w h h p Ô s h u d h v g h f r g l i l f d r , g h f r p s r v l r r x h q x p h u d r , h p i x q r g h u j u d v s t h y l d p h q w h i r u p x æ l g d w i ( B d u g l q , 2011 , s . 131) . P r u i l p , r w æ l w æ l p h q w g r v u h v x æ l g r v r e w g r v , d l q i h u q f l d h l q w h u s u h w æ l r , f r q v l w h h p w æ l w æ l u r v u h v x æ l g r v e u x w v , d i l p g h t x h v h w æ l h p v l j q l i l f d w y r v h y d g r v ( B d u g l q , 2011) .

A s d u l u g h w h v s u l q f s l r v , g h x - v h l q f l r d i d v h g h s u - d q d w h v x j h u g d s r u B d u g l q ( 2011) . P r u p h l r g d d h l w æ l i æ w æ d q w h g r p d w u d o g d v h q w h y l w æ l v i r l s r w y h o i d p l d d u " d u v h f r p r f r q w h g r . P r w h u r u p h q w h , q d i d v h g h h l s æ u d r , i r u d p g h w æ l f d g d v d v x q l g d g h v g h u j l w æ r s h u l q h q w h v s d u d u h v s r q g h u r s u r e d h p d g h s h v t x l v d , y h u i l f d q g r , d l q g d , v l p l æ l u g d g h v h q w h r v g l v f x u r v g h g l i h u h q w h v s d u l f l s d q w h v . A s d u l u g d d q d w h g d v v l p l æ l u g d g h v , d v x q l g d g h v g h u j l w æ r i r u d p d j u s d g d v s r u h f r u h v v h p q v l f r v , s r u v h p d v . P r u i l p , i r u d p h w æ l e h d f l g d v d v f d w h j r u d v h v x e f d w h j r u d v g h d q d w h v h j x l q g r r v f u l w u r v g h f d u d f v h u w l f d v h d q f d g d v s r u B d u g l q ( 2011) . A d x w u d u h æ l w t x h x p f r q r æ q w g h f d w h j r u d v Ô e r d w i g h y h s r w x l u d g x p d v f d u d f v h u w l f d v : h l f æ v r p w æ d ( f d g d h d p h q w q r s r g h h l l w l u h p p d l v g h x p d f d w h j r u d ) ; k r p r j h q h l g d g h ( x p q l f r s u l q f s l r g h f æ l w i l f d r g h y h v h u x l d " d g r q d r u j d q l " d r ) ; s h u l q q f l d ( d v f d w h j r u d v g h y h p u i d w l u r v r e r h w y r v g d l q y h w l j d r ) ; r e r h w y l g d g h h i l g h d g d g h ( g l i h u h q w h v s d u l v g h x p p h v p r p d w u d o g h y h p h w æ l u f r g l i l f d g d v g d p h v p d i r u p d t x d q g r v x e p h w l g d v d g l i h u h q w h v d q d w h v ) ; s u r g x w y l g d g h ( x p f r q r æ q w g h f d w h j r u d v g h y h i r u q h f h u h v x æ l g r v i u h l v ) .

## f y Ê Ô ï u x Æ

A s d u l u g d d q d w h g h f r q w h g r g d v h q w h y l w æ l v , i r l s r w y h o h w æ l e h d f h u x p d f d w h j r u d g h d q d w h : s u w l f d v l q y h w l j d w y d v . A f d w h j r u d s u w l f d l q y h w l j d w y d v f r p s r w æ l s r u t x d w æ x e f d w h j r u d v t x h , s r u v x d y h " , u h v x æ l u d p g h 17 h d p h q w v g h d q d w h , f r q i r u p h f r q w æ l q d T d e h æ l 1 . O e v h u y d - v h d r æ d g r g h f d g d h d p h q w g h d q d w h t x d q w v , g h q w h r v 18 s d u l f l s d q w h v , f l w æ l u d p d t x h d v h d p h q w v .

**h u v y <sup>2</sup> u :** 6 P u w l f d v l q y h w l j d w y d v

Q u í y " Æ É u	g Ó w u í y " Æ É u Æ	S <sup>2</sup> y <sup>3</sup> y Á í Æ É x y O Á <sup>2</sup> É y	b x y Á u É " w Á u Á í y Æ
d É í " w u Æ " Á Ö y É i " " u í " Ö u Æ	O f r u q f l d	V l d u g l r g d P r o f l d M l d w æ l u	12
		T h d i r q h v g d s u s u l d D h d j d f l d	10
		H r v s l w æ l v	1
	A v l y l g d g h v g l u d v	R r v l q d l q v h u p l v h q w h	7
		R h d d " d u r u g h q v g h v h u y l r	3
		A v h q g h u q r y r v f d v r v g h k r p l f g l r v	15
		R h d d " d u p d q g d g r v g h s u l v r	3
		C r r u g h q d u h t x l s h v g h l q y h w l j d r	1
		P æ l q w h v	7

Quíy" ÆÉu	gÓv w íy" ÆÉuÊ	S <sup>2</sup> y <sup>3</sup> yÁÍ ÆÉxy OÁ <sup>2</sup> Éy	b xy ÁuÉ" wÁuÁíyÊ
		Md q h l u d g h l q y h w l j d u	5
		As u h q g h f r p r l q y h w l j d u q d s u v l f d	6
	Av l y l g d g h v u h d d" d g d v q r	l u d r æ f d o g r f u l p h	6
	s u r f h w r g h l q y h w l j d r	Ph j d u l q i r u p d h v f r p r v P r d f l d l v	3
		M l d v l u h v	
		T u d d u r s h u l o g d y v l p d	6
		Th w l n p x q k d v	14
	l q i r u p d h v q h f h w u d v	C p h u d v g h v h j x u d q d	13
		Ch æ l u g d y v l p d	3

A s u p h l u d v x e f d v h j r u d, r f r u q f l d, l q g l f d g h t x h i r u p d r v s r d f l d l v g d D l y l v r g h H r p l f g l r v h P u r v h r P h w r d w p d p f l q f l d g r d f r q v n f l p h q w r g h x p k r p l f g l r. N h w d, g r " h s r d f l d l v f l v d u p t x h d s u p h l u d h t x l s h g h S h j x u d q d P e d f d d v h u d f l r q d g d s h æ l s r s x æ l r h d f k h j d u q r æ f d o g r f u l p h d P r o f l d M l d v l u C k h j d a g r q r æ f d o h y h u l f d a g r d y h u d f l g d g h g d l q i r u p d r, d f h q w d o g h u g l r g d P r o f l d C l y l o d f l r q d g d s h æ l f h q w d o g h u g l r g d P r o f l d M l d v l u l q g l f d a g r d h l l w q f l d g h x p q r y r f d v r:

[... ' d s u p h l u d i r u d g h v h j x u d q d d f k h j d u q r æ f d o d P M, t x h i d" r l v r æ p h q w r. E p v h j x l g d, h d v f k d p d p r C O P O M, t x h d f h q w d o g h u g l r g h d v. A f h q w d o g h u g l r g h d v h q w d h p f r q v d v f r p d q r w d f h q w d o t x h d C E P O L. A C E P O L s d w d d t x l s d u d d D H P P [... ' O D h o j d g r g h s æ l q w r g d t x h d g l d, g d t x h æ l h v f d æ l, d f l r q d g r. E r l q y h w l j d g r u g h s æ l q w r q d t x h d g l d, g h v r e u d y l v r g d t x h æ l u h d, q r q r v v r f d v r d v h j x q g d D H, h d v l p e p d f l r q d g r (P d u l f l s d q v h 2).

F r l f l v d g r, d l q g d, s r u g h" s d u l f l s d q v h, t x h r v s r d f l d l v v l p e p s r g h p v h u d f l r q d g r v s h æ l s u s u d s r s x æ l r s h æ v h d i r q h v g d D l y l v r g h H r p l f g l r v r x, h q w r, l q g r s h w r d q h q v h d v r e d f r g d l q w l w l r:

[... ' d s u s u d s r s x æ l r d f l r q d v l p e p d D h o j d f l d. E l l w h v h d i r q h i l l r g d x l q g d g h, h q w r, r v s r s x æ l u h, d s r s x æ l r j h u d o s r g h p h q w d u h p f r q v d v r, r x t x d t x h u x p g r s r y r s r g h y l u g l u h v l p h q v h d r e d f r d t x l g r s æ l q w r h l q i r u p d u d l q w l w l r t x h r f r u h x x p f u l p h g h k r p l f g l r, h p g h v h u p l q d g r æ f d o g h (q r p h g d f l g d g h) (P d u l f l s d q v h 5).

A o p g h w d v, x p s d u l f l s d q v h f l w x t x h r v s r i l w l r q d l v g h v h j x u d q d s e d f d æ v d g r v q d D l y l v r g h H r p l f g l r v s r g h p v h u d f l r q d g r v s h æ v d w l w h q v h v r f l d l v g r v k r v s l v d l v, h p f d v r v g h k r p l f g l r v h q v d g r v q r v t x d l v d y v l p d v h q k d v r e u h y l g r:

O x w d i r u p d t x h h o s r g h f k h j d u r f r u q f l d d t x l d v d y v g r H r v s l v d o t x d a g r [... ' h l l w h p d g x q v l s r v g h k r p l f g l r v. Q x d a g r r k r p l f g l r v h q v d g r, d s h w r d i r l i h u l g d h q r p r u h x q r æ f d o k r x y h d v h q v d l y d g d t x h d f u l p h, h æ l i r l v r f r u l g d h k r v s l v d d" d g d. L, q r H r v s l v d o d d w l w h q v h v r f l d o y d l h q w d u h p f r q v d v f r p d D h o j d f l d, t x h d r x w d i r u p d g h d f l r q d p h q w r (P d u l f l s d q v h 5).

A v h j x q g d v x e f d v h j r u d, d v l y l g d g h v g l u d v, l q g l f d t x d l v d v l y l g d g h v v r u h d d" d g d v s h æ v l q y h w l j d g r u h v h g h o j d g r v q r g l d d g l d. S h v h s d u l f l s d q v h v h æ v d u p s r v x l u x p d u r v l q d l q f r q w d q v h. S h j x q g r r s d u l f l s d q v h 10: Q [... ' d u r v l q d v h p s u h g h s h q g h, p x l w g l q p l f d, h q w r, d w l p, q r x p d u r v l q d h l d v d, g h s h q g h g h x p d r q g d g h f u l p l q d d g d g h i. D h w d i r u p d, r v s r d f l d l v g h y h p h w d u v h p s u h g l v s r q y h l v s d u d x p d q r y d f k d p d g d, l q v h u r p s h q g r r x w r v d i d" h u h v:

E q w r, q r g l u d t x h h l l w h x p d u r v l q d. p x l w y r o v l o M x g d p x l w, f d g d g l d x p d v l w d r. V r f s r g h h w d u d t x l d j r u d, d g x p j u l v u o s r u d s r l r h y r f æ l y d u v x g r t x h y r f h w w i d" h q g r h g d u d s r l r s d u d t x h æ l h t x l s h r x d t x h o s r d f l d o h p g h v h u p l q d g d v l w d r. O x y r f h w w i d" h q g r x p v d e d d k r l q v h u q r, p d v q d t x h d g l d g h x d g x p d p r u h q r e d l u r r q g h y r f d v x d h y r f v h p t x h d e d a g r q d u d t x l o t x h y r f h w w i d" h q g r, d t x h æ l l q y h w l j d r t x h y r f h w d y d i d" h q g r h m g d u l q f l r t x h æ l l q y h w l j d r (P d u l f l s d q v h 5).

Dhylgr d hwd glq p lfd, r vs r d fdlv, s r uyh" hv, wp glilfxægdgh gh f xp s l u d v l y l g d g h v h æ f l r q d g d v d k r p l f g l r v p d l v d q l j r v, f r p r, s r u h | h p s æ, u h d d " d u g l d j q f l d v r d f l v l g d v s h æ v D h d j d g r v, r x v h r d, r u g h q v g h v h y l r, t x h i r u d p f l v l g d v s r u u a v s d u l f l s d q v h v g d s h v t x l v d:

Nr up d q h q v h, d j h q v h f k h j d q d D h d j d f l d h q v h d v 8 k 3 0 à 9 k. M x l v l v y h " h v, q d p d l r u d g d v y h " h v, d j h q v h q r i d " d r u g h p g h v h y l r, d j h q v h m v h p d j x p k r p l f g l r g r g l d v h j x l q v h t x h d j h q v h v h p t x h g d u f r q v l x l g d g h. Q x d q g r q r r f r u h x p k r p l f g l r, s r u t x h i l f d x p v h p s r v h p r f r u h u x p d v h p d q d r x g x d v v h p d q d v v h p r f r u h u x p k r p l f g l r, d j h q v h u h f e h x p d r u g h p g h v h y l r, t x h x p s h g l g r g r D h d j d g r g h P r o f l d. U p d v r d f l v l r g r D h d j d g r g h P r o f l d s d u d i d " h u d j x p d v g l d j q f l d v h æ f l r q d g d v d d j x q v k r p l f g l r v t x h v r p d l v d q l j r v (P d u l f l s d q v h 6).

D h v d i r u p d, d v d v l y l g d g h v g h w h v s u r i l w l r q d l v g h v h j x u d q d s e d f d v h f r q f h q w d p h p d v h q g h u q r y r v f d v r v g h k r p l f g l r v, r x v h r d, d v h q g h u æ f d l v g h f u p h v, f r p r f l v l g r s r u t x l q " h s d u l f l s d q v h v. D h d f r u g r f r p r s d u l f l s d q v h 18: Q'...' r t x h d j h q v h p d l v i d " p h v p r d v h q g h u æ f d o g h f u p h. i A o p g r v q r y r v f d v r v g h k r p l f g l r v h g d v r u g h q v g h v h y l r, f l v l g r, s r u u a v s d u l f l s d q v h v, r v p d q g d g r v g h s u v r. C r q i r u p h h | s r w æ s h æ s d u l f l s d q v h 9: Q'...' d j h q v h d v x d h p r s h u d h v g h p d q g d g r g h e x v f d h s u v r g r v k r p l f l g d v. A s v d h t x l s h g h l q y h w l j d r f r q f æ l u d d x w u d, d j h q v h y d l f x p s u r p d q g d g r g h e x v f d h s u v r. i T r u q d v h u h d y d q v h d s r q v l u t x h d s u l f l s d o g l i h u q d h q v h l q y h w l j d g r u h v h g h d j d g r v i r l l g h q v l f d g d s r u x p s d u l f l s d q v h, t x h l q g l f d v h u i x q r g r g h d j d g r d g h f r r u g h q d u d v h t x l s h v g h l q y h w l j d r, d i l p g h w æ " h u p d l v h i l f l q f l d l q y h w l j d r:

E q w r, e d m f d p h q v h r p h x w æ d d k r d t x l r g h f r r u g h q d u j h u h q f l d u w æ " h u p d l r u h i l f l q f l d, p d l v h i l f l d v l q y h w l j d h v g r p h x s h w r d p l q y h w l j d g r u g h s r o f l d, d r v h v f u y h v. E q w r, e d m f d p h q v h, h x f k h i l r h w d D h d j d f l d. T h q k r u h x q l h v g l u d v f r p r v p h x v l q y h w l j d g r u h v r e h h w æ d v j l d v g h l q y h w l j d r, t x d o y d l v h u r s u | l p r s d v r g d g d v l q i r u p d h v f r d l g d v (P d u l f l s d q v h 8).

A l q g d, v h v h s d u l f l s d q v h v f l v l u d p r i x q f l r q d p h q w g d v h v f d æ l v g h s æ l q w r h g l w l e x l r g h f d v r v g h k r p l f g l r v s d u d h t x l s h. E | h p s d i l f d g r s h æ s d u l f l s d q v h 5:

D h q w r g d v x e x q l g d g h v, h | l w h p d j x q v u w v d d t x h v r v h j x l g r v. A h v f d æ l g h v r e u h d y l v r, s r u h | h p s æ, s r g h v h u x p. S x s r q k d p r v t x h i r w h p v a v h t x l s h v: h t x l s h A, h t x l s h B h h t x l s h C. N r g l d g d h t x l s h A, d t x h d v k r p l f g l r v t x h r f r u h u d p q d t x h æ l g d v l f d p d h q f d j r g d h t x l s h A. N r g l d g d h t x l s h B, g r l v, v a v, t x d v r v k r p l f g l r v, t x h p y d l v h u h v s r q v y h o s r u d t x h d n g l d d h t x l s h B h d v l p v x f h w l y d p h q v h, y d l j l u d q g r. H d j x p d v x e x q l g d g h v l q v h u q d v t x h s u h i h u p i d " h u s r u g l w l e x l r. D h x x p k r p l f g l r X h p g d v l Y, y d l s d u d h t x l s h A, r s u | l p r k r p l f g l r y d l s d u d B h r s u | l p r k r p l f g l r s d u d C, l q g h s h q g h q v h g h h v f d æ l g h v r e u h d y l v r. P r g h v h u t x h v r h v h p h æ d q v h, p d v k x p d g l i h u q d q r f x w r g r f d p l q k r (P d u l f l s d q v h 5).

A v h u f h l u d v x e f d v h j r u d u h i h u h v h v d v l y l g d g h v u h d d " d g d v q r s u r f h w r g h l q y h w l j d r g h x p k r p l f g l r. S h j x q g r f l q r s d u l f l s d q v h v, f d g d l q y h w l j d g r u r x g h d j d g r v h p v x d p d q h l u d, v h x p w g r g h f r p r l q y h w l j d u x p k r p l f g l r:

C d g d l q y h w l j d g r u y d l v h u d v x d p h w g r æ j l d. [...' Ex, s d u l f x æ l u p h q v h, j r w æ g h x v l d " d u x p d w f q l f d f k d p d g d g h w f q l f d g h u d v h m. E | l w h p y u d v w f q l f d v. V d l l q y h w l j d u y d l i d æ u f r p r x v æ v l q y h w l j d g r u h v, y d l v h u f u f x æ v f r q f q v l f r v. E x j r w æ g d w f q l f d g h u d v h m, t x h e d m f d p h q v h f r q v l v h h p h x d y d q v l u x p d k l s v h v h, s h j d u x p d s u r y d, g h i h q g h u h w d v h v h h l u s h j d q g r x p d d v a v g d r x w æ d. P r u l w r t x h u d v h m: s h j d u h w d s u r y d, y r x o h s h j r p d l v r x w æ d, y r x o h s h j r p d l v r x w æ d, y r x o h s h j r p d l v r x w æ d, h q w r, y r x u d v h r d q g r d w f k h j d d x w u d (P d u l f l s d q v h 4).

A l q g d g h d f r u g r f r p r s d u l f l s d q v h 8 Q'...' v h p p x l w g h p h w g r æ j l d f l h q w l f d A f d g d i d w u h y h æ g r, y r f v h j x h d t x h d n f d p l q k r t x h s r w l e d v æ g r s h æ l q r y d l q i r u p d r i. A o p g l w r, v h l v s r d f l d v l q g l f d u d p

t x h r p w g r x v d d g r s d u d l q y h w l j d u d s u h q g l g r q d s u v f d , q d h | s h u l q f l d g r g l d d g l d , l q h | l w l q g r , d w h q w r , x p s u r f h g l p h q w r s h u d f l r q d o s d g u r t x h h w d e h d h d x p d i r u p d s d g u r q l d g d q d l q y h w l j d r g h k r p l f g l r v : Å h v f r æ g h s r o f l d g , g l j d p r v d w l p , x p q r u l h , p d v d s u h q g h u p h v p r d j h q v h d s u h q g h f r p d h | s h u l q f l d i ( P d u l f l s d q v h 18 ).

O d k d , q d y h u g d g h , w g r v q v d t x l w d e d k d p r v g h d f r u g r f r p d t x l æ t x h d j h q v h s d w r x , s h æ h | s h u l q f l d q r w d g h y l g d , s r u t x h d P r o f l d C l y l o q r v h p , d w k r r h , x p s u r f h g l p h q w r s h u d f l r q d o s d g u r [ ... ' E q w r , q v i d " h p r v f r q i r u p h q v d f u h g l v d p r v t x h r p h k r u T h p g d g r f h u w , p d v , d s d u l u g r p r p h q w h p t x h y r f f u d x p P O P , h w h P u r f h g l p h q w r O s h u d f l r q d o P d g u r , y r f h w d e h d f h x p d p h w g r æ j l d s d u d w g r r E w d g r . E l w r i d " f r p t x h r d j r u q r f x p s u p h q w r g d t x h æ v g l i h w d " h v v h r d p d l v x p i d w u s d u d f r q w l e x l u q d d g p l q l w d r g r f u l p h , s r u t x h l w r q r v h h q j h w d , d r f r q w l u r , h w d e h d f h u t x l v w v p q l p r v s d u d t x h x p d l q y h w l j d r v h r d e h p u h d d " d g d q r f d v r g r v f u p h v g h k r p l f g l r v ( P d u l f l s d q v h 13 ).

D h w h v s u r f h g l p h q w r v d s u h q g l g r v q d s u v f d , v h l v s d u l f l s d q v h v f l v d u p r f r p s d u h f l p h q w r d r æ f d o g r f u l p h h p g x d v h t x l s h v g l i h u h q v h v , x p d f d u d f v h u d " d g d h r x w d g h v f d u d f v h u d " d g d , f x p s u q g r i x q h v g l i h u h q v h v .

N d y h u g d g h , f k h j d p g x d v h t x l s h v . C k h j d r s æ l q w r f r p d y l d w x u d f d u d f v h u d " d g d , s d u d i d " h u r d y d q v æ l p h q w r g r [ ... ' C r q y h u d f r p r v s r d f l d l v p l d v æ l u h v , s r u t x h j h u d q p h q v h m h w r r v s r d f l d l v p l d v æ l u h v q r æ f d o h æ v f r d v æ l p r v g d g r v d d . B d v f d p h q v h r p h v p r v h y l r , v t x h d j h q v h , t x h h w g h v r e u d y l v r , d j h q v h , f r p r y d l s d l v d q d , v h q v æ l i l f d u q r p h l r g d v s h v r d v s d u d v h q v æ l u r x y l u v h d j x p f r p h q v æ l , s r u t x h j h u d q p h q v h d j x p f r p h q v æ l d j x p d f r l v d d d . A j h q v h d e r u g d g h x p d i r u p d , g d i r u p d p d l v h q v y h o s r w y h o s d u d t x h d s h w r d v h v l q v æ l p d l v f r q i r u y h o h p i d æ l u d j x p d f r l v d ( P d u l f l s d q v h 7 ).

T u v s d u l f l s d q v h v l q g l f d u d p t x h d r f k h j d u q d f h q d g r f u l p h q h f h w u r f r q y h u d u f r p r v s u p h l u r v s u r i l w l r q d l v g h v h j x u d q d s æ d f d s u h v h q v h v q r æ f d o q r u p d q p h q v h s r d f l d l v p l d v æ l u h v , d i l p g h y h u l i l f d u d v l q i r u p d h v t x h h w h v m s r w d p v h u v r e u r f u l p h :

[ ... ' s u p h l u r , q v y d p r v f r q y h u d u f r p d s r o f l d p l d v æ l u r e v h u p d l v l q i r u p d r . C k h j r x s u p h l u r q r æ f d o f h u d q p h q v h y d l v h u p d l v l q i r u p d r , s r u t x h h æ v v r d f l r q d g r v y l d 190 . E q w r , r g h q x q f l d q v h , d s h w r d t x h y l x d t x h d f u l p h r x t x h y l x d s h w r d f d g d q r f k r , d j d 190 , m s d w d d j x p d v l q i r u p d h v l p s r u æ l q v h v s d u d l q y h w l j d r ( P d u l f l s d q v h 12 ).

O x w d d v l y l g d g h f l w d g d s r u v h l v s d u l f l s d q v h v d q h f h w l g d g h g h d y d q v æ l u f d u d f v h u w l f d v h g h v h u p l q d u r s h u l o g d y v l p d , y h u l i l f d q g r d q v h f h g h q v h v f u l p l q d l v , l q l p l " d g h v h t x d l v r v æ l p r v d f r q v h f l p h q w r v q d y l g d g d s h w r d :

E q w r , j h u d q p h q v h , t x d q g r d s h w r d p r u h y v l p d g h k r p l f g l r , r i d w u h æ f l r q d g r f r q y l y q f l d g h d h . E q w r , d j h q v h v h q v æ l v æ d d u r v æ l p r v s d w r v g d y v l p d , r t x h s r g h v h u p r v l y d g r , v h h æ l v l q k d d j x p d h q f u h q f d f r p d j x p . s u r e d h p d i d p l d d u f r q r æ j d o h q y r g l p h q w r f r p r f u l p h , f r p g u r j d v . E q w r , d s d u l u g d , d j h q v h f r p h d d w d d u d j x p d d q k d g h l q y h w l j d r ( P d u l f l s d q v h 16 ).

A t x d u æ h æ l p d v x e f d v h j r u d l q g l f d d v l q i r u p d h v t x h g h y h p v h u f r d v æ l g d v g x u d q v h r s u r f h w r g h l q y h w l j d r . D h w æ l i r u p d , 14 s d u l f l s d q v h v l q g l f d u d p v h u q h f h w u r f r d k h u g h s r l p h q w r v g h v h w h p x q k d v :

[ ... ' v h q v æ l v æ d " h u d v v h w h p x q k d v , v h r d o g h p d g u x j d g d , g h q r l v h i l q d o g h v h p d q d , v h y r f v l y h u x p d v h w h p x q k d t x h v r x e h u t x h d t x h æ l s h w r d , t x h p t x h u d p d v æ l u d t x h æ l y v l p d , r x v l y h u y l w r d j x p d f r l v d , y r f m w æ d " s d u d d D h d j d f l d [ ... ' v h q v æ l u r p d l v u s l g r s r w y h o s h j d u d v v h w h p x q k d v , r v i d p l d d u h v h v h q v æ l u v æ d " h u s d u d d D h d j d f l d h f r q y h q f h u h d v d i d æ l u p r t x h h æ v d e h p ( P d u l f l s d q v h 1 ).

[ ... ' y h u v h v h p d j x p f r p h q v æ l q g r d j x p d f r l v d , v h d j h q v h f r q v h j x h r x y l u d j x p f r p h q v æ l q g r . S h d j h q v h f r q v h j x h r x y l u d j x p f r p h q v æ l q g r , d j h q v h m d e r u g d g h x p d i r u p d p d l v g l v f u h v s r w y h o [ ... ' s d u d v h q v æ l u v æ d " h u h w d s h w r d s d u d d D h d j d f l d , s d u d t x h h æ l s u h v h d j x p v l s r g h g h f æ l u d r [ ... ' D d , f d v r d j h q v h q r

fr qvlj d qdgd qd kr ud dð, gh vñwñp xqkdv, dj hqvñ ydl, thw uqd p dlw vøgh r x qr gld vñj xlvñ, dj hqvñ thw uqd dw r ø f dð fr qyhwd fr p p r u dgr thv, y vñ dð x p ylx dð xp d fr lvd, vñ dð x p s r gh idøu (Pdwl f ls dqvñ 7).

Fr l thøvdgr s r u vñ" h s dwl f ls dqvñv vñu qhf hw ur yñul f du f p hvd gh vñj xudq d h fr dñvdu dv lp dj hqv, t x d qgr h l l wñp, d l p gh fr p s u h q g hup dlv r e u d g l q p l f d g r f u p h h r v d x w thv h qyr ø l g r v, d o p g r v thøvd v g d v vñwñp xqkdv:

Shj xqgr s d w r d e x v f d g h f p h v d g h vñj x u d q d q d t h j l r. A s d w l u g d v f p h v d g h vñj x u d q d g d t h j l r, l w r d l q g d q r p r p h q w t x h d j h q vñ i r l d f r q d g r, d j h q vñ l g h q vñ l f d q g r d j x p d f p h u d t x h s h j x h r i d w h p v l, r x, t x h q r s h j x h r i d w, p d v s h j x h x p d s u r l p l g d g h t x h g s d d y h u x p d i x j d h r x d f k h j d g d g h w d v s h w r d v, d j h q vñ f r p h d d e x v f d u f p h v d q r vñ q v l g r g h yñ u l f d u g h r q g h d v s h w r d v t x h f r p h vñ u d p r f u p h y l h u d p h s d u d r q g h h ø v i r u d p. A v f p h v d g h vñj x u d q d v ø p e p v r l p s r u ø q vñ v s d u d l g h q vñ l f d u v h h u d x p r x p d l v g r f u p h. g l q p l f d v ø p e p. E q w r, vñ i r u d p y ù r v g l v s d u r v, vñ i r l x p d d u p d ø q j d r x x p d d u p d f x u ø, vñ i r l f r p s h g d r g h s d x, i d f d, h q i l p (Pdwl f ls dqvñ 6).

Tu v s r d f l d l v l q g l f d u d p vñu q h f h w ur f r dñv d u r f h ø ø l u g d y v l p d g h k r p l f g l r s d d yñ u l f d u d v ø l p d v f r q y h u d v g d y v l p d s h ø vñ dñ i r q h:

[... ' t x d q g r t h f r ø l g r q r ø f d ø r f h ø ø l u g d y v l p d, d j h q vñ s h j d d d x w u l " d r g d i d p d ø s d u d s r g h u i d " h u x p d h l w d r g d t x h d v g d g r v g r f h ø ø l u s d d y h u v h vñp d j x p d f r l v d l q vñ h w d q vñ s d u d d l q y h w l j d r [... ' O t x h d f r q vñ f h x q r g l d t x h h ø l p r u h x, f r p t x h p h ø l f r q y h u r x. E q w r, h w d v s h w r d v t x h f r q y h u d u d p f r p h ø l x p s r x f r d q vñ v g d p r u h, r x h q w r vñ y h u d p f r q y h u d v p d l v i r u h v d ø, w r g d v d v s h w r d v y r vñu l q v l p d g d v d f r p s d u h f h u q h w ø D h ø j d f l d, g h s h q g h q g r g r v l s r g h f r q y h u d t x h i r u h q f r q w d g d q r f h ø ø l u (Pdwl f ls dqvñ 6).

## R'ÉVÓËË À

Ov thv x ø d g r v, d l q g d t x h e d v h d g r v q d s h u f h s r g r v s d w l f ls d q vñ v, d s r q v ø l u d p s d u d v ø l t h w u d v vñp h ø d q vñ v. E p e r u d q r s d u h d h l l w l u x p i ø l r g h s u r f h g l p h q w v s d g u r, i r l s r w y h o q r v ø l u f r q f r u g q f l d h p s r q w v t x h s d u h f h p vñu i x q g d p h q v l v s d u d d l q y h w l j d r g h k r p l f g l r v.

N d s u p h l u d v ø f d vñ j r u d g d v s u v l f d v l q y h w l j d v l y d v, r f r u q f l d, r v s d w l f ls d q vñ v g d s h v t x l v d l q g l f d u d p t x h d q r w f l d g h x p q r y r k r p l f g l r s r g h f k h j d u s r u g l i h u h q vñ v i r q vñ v g h l q i r u p d r : y l d u g l r g d P r ø f l d M l d v l y s h ø vñ dñ i r q h v g d s u s u d D l y l v r g h H r p l f g l r v h P u r vñ r P h w r d h s h ø e d f r ; h s r u p h l r g d v d w l vñ h q vñ v v r f l d l v g h k r v s l w l v. N r h q v ø l q w r, r v s d w l f ls d q vñ v q r thøvd u d p g h t x h i r u p d f r ø k h p h w d l q i r u p d r l q l f l d o E p f r q w d s d u l g d, d S E N A S P (2014) s u r s h d j x p d v d v l x g h v d vñ u p w p d g d v q h w h p r p h q w r, t x h s r g h p f r q w l e x l u f r p r v r f u r g d y v l p d h f r dñv d g h v ø v g l r v l p s r u ø l q vñ v s d u d d l q y h w l j d r, thøvd u d q r t x h r s r d f l d ø t x d q g r d f l r q d g r, g h y h h l w ø l u f r p d j l ø g d g h s h u f l v r r p l p r g h l q i r u p d h v s r w y h l v r e u h r i d w h v r e u d s h w r d t x h h w d f l r q d q g r d j h q vñ.

E p thø d r vñj x q g d v ø f d vñ j r u d, g d v s u v l f d v l q y h w l j d v l y d v, d v l y l g d g h v g l u d v h l h u f l g d v s h ø v s u r i l w l r q d l v g h vñj x u d q d s e d f d, r v s r d f l d l v f l v ø l u d p vñ u x p d u r v l q d l q f r q v ø l q vñ. D h q vñ d v d v l y l g d g h v, w v s r d f l d l v f l v ø l u d p d u d d " d r g h r u g h q v g h vñ u l r. D h d f r u g r f r p d S E N A S P (2014), r u g h q v g h vñ u l r s r g h p vñu dñ y d q v ø p h q w r v g h f d p s r, e x v f d g h l q i r u p d h v, l g h q vñ l f d r h l q v l p d r g h vñwñp xqkdv h g h q vñ r x w r v. O D h ø j d g r h l s h g h x p d r u g h p g h vñ u l r t x h t h s d w d g d d r f d u u r h h q f d p l q k d g d d r v l q y h w l j d g r t h v, t x h, d r f x p s u l h p d v g h vñ u p l q d h v, h ø l e r u d p x p thøvd u r g h vñ u l r (S E N A S P, 2014). N r h q v ø l q w r, yñ u l f r x - vñ t x h r v s u r i l w l r q d l v, d r f k h j d u p q d D l y l v r g h H r p l f g l r v h P u r vñ r P h w r d, m

hqfr qwldp qryr v fdr v gh kr p lf glr. Dhwd ir up d, ilf dp lp sr wleldv dgr v gh dvhqghuqr ydr r fr u qf ldv, r t x hir ldp s æp hqv flv dgr s hør vs r df ldlv. Ao p ghwd, ir l flv dgr s urv vs dulf ls dqvnd dxd r hp r s hud hv gh p dggdgr v gh s ulv r. Ewdv dvlvgdghv hwwr s uhyldv qd dwd 6 gd *dil fr p s dhp hqvduq 96* (2002), t x h wls x æt x h dr lqyhwij dgr uf deh: uhd d' duvhyl r v gh qd x u h' d s r df ldr x gh v h j x u d q d; uhd d' dup dggdgr v gh s ulv r; uhd d' dus æd q w hv; fr æ f dur v x s h u r ulp h g l d w d s d u g h g l d j q f l d v, l q y h w i j d h v r x i d w v g h l q y h u h w h s r d f l d o l q i r u p d u d x w u g d g h s r d f l d o d w d y v g h u æ w u l r, v r e u h d f r q f æ v r g d v g l d j q f l d v l q y h w i j d w u d v; h g h q w h r x w d v d v l y g d g h v.

J v h j x q g r r d w 2 g d *dil q 12.830* (2013) s d u j u d i r v 1 h 2, d r g h d j d g r, f r p r d x w u g d g h s r d f l d o f d e h d f r q g x r g d l q y h w i j d r f u l p l q d o s r u p h l r g r l q t x u l w s r d f l d o r x r x w s u r f h g l p h q w s u h y l w r h p d i l. T d p e p, f d e h d r g h d j d g r d u h t x l v l r g h s h u f l d, l q i r u p d h v, g r f x p h q w v h g d g r v t x h l q y h u h w h p d s x u d r g r v i d w v. l w r y d l d r h q f r q w r g d i d æ g r s d u l f l s d q v n 8, t x h l q g l f d v h u d d v l y g d g h g r g h d j d g r f r r u g h q d u d l q y h w i j d r. A l q g d, s d u d B æ l q f k h w (2019), r D h d j d g r g h P r o f l d v h p d d w l e x l r g h s u h v g l u r l q t x u l w s r d f l d o h "h æ l u s h æ e r p d q g d p h q w g d l q y h w i j d r f u l p l q d o

Gx "hæ l h u d o (2021) l q g l f d p t x h d d l y l v r g h H r p l f g l r v h P u r v h r P h w r d i u d f l r q d g d h p t x d w r D h d j d f l d v, f d g d x p d u h v s r q v y h o s r u x p d u h j l r v h u l w u d o g d f l g d g h. O v s d u l f l s d q v n v h f æ l u h f h u d p t x h f d g d v x e x l g d g h v h u v h x s u s u l r i x q f l r q d p h q w g h h v f d æ v h g l w l e x l r g h f d r v. B æ l q f k h w (2019) l q g l f d v h u p x l w l p s r u æ d q v n t x h d h t x l s h t x h g h x l q f l r v l q y h w i j d h v, r x v h r d, d t x h æ t x h d v h q g h x r æ f d o g h f u l p h, g f r q v l q x l g d g h l q y h w i j d r g d t x h d f d r g h k r p l f g l r, m t x h h w d g h w p x p j u d q g h q p h u r g h l q i r u p d h v v e u h r f d r h m s r w x l y q f x æ f r p d v v h w h p x q k d v. N r h q w d q w r, q d s u h v h q v n s h v t x l v d, i r l s r v y h o r e v h y d u t x h l w r q r r f r u h h p d j x p d v x e x l g d g h v t x h g l w l e x h p r v f d r v g h k r p l f g l r s r u g h p d q g d.

N d v h u f h l u d v x e f d v h j r u d, g d v s u v l f d v l q y h w i j d v l y d v, u h i h u h q v n v d v l y g d g h v u h d d' d g d v q r s u r f h w r g h l q y h w i j d r, r s d u l f l s d q v n 8 h t x l s d u r x r s u r f h w r l q y h w i j d v l y r x p d p h w g r æ j l d f l h q w i l f d, d d q k d q g r - v h f r p d g h i l q l r g r F u x p B u d v d h l u r g h S h j x u d q d P e d f d (2019), t x h f r q v l g h u d l l q y h w i j d r f u l p l q d o x p d l q y h w i j d r f l h q w i l f d t x h v h g d s d u l u g r d y d q v d p h q w g d v h y l g q f l d v g l v s r q y h l v. J r s d u l f l s d q v n 4 f l v d d w f q l f d g h u d w h m h g h f u f x æ v f r q f q w l f r v. E w d v w f q l f d v i r u d p g h v f u l v d s h æ l S E N A S P (2014) h s h æ d x w u B æ l q f k h w (2019) f r p r w f q l f d v x l d' d g d v g x u d q v n r s u r f h w r g h l q y h w i j d r. A v w f q l f d v l q y h w i j d v l y d v M. U. M. A h g h g h w q d r q r i r u d p f l v l g d v s r u q h q k x p g r v s d u l f l s d q v n v.

O v s d u l f l s d q v n v l q g l f d u d p t x h d s u h q g h p d l q y h w i j d u q d s u v l f d, l q h l w l a g r t x d æ x h u s u r f h g l p h q w r s h u d f l r q d o s d g u r (POP). O F u x p B u d v d h l u r g h S h j x u d q d P e d f d (2013) l q g l f d t x h d h l l w q f l d g h w h s u r f h g l p h q w r s h u d f l r q d o d x l d d d q r i r u q h f l p h q w g h r u h q v d h v f æ l u d v r e u h r t x h i d' h u d r v s r d f l d l v. A s h v d u g d x v q f l d g h w h P O P, r s r d f l d o f l y l o æ v d g r q d d l y l v r g h H r p l f g l r v g r P d u d q, B æ l q f k h w h æ l e r u x r Ô M d q d o P u v l f r g h l q y h w i j d r g h H r p l f g l r v i (2019), t x h v h p f r p r r e h v l y r v h y l u g h i x q g d p h q w s d u d t x d æ x h u l q y h w i j d g r u g d u h d.

E p u h æ r d r d v h a g l p h q w g r æ f d o g r f u l p h, B æ l q f k h w (2019) h d S E N A S P (2014) l q g l f d p v h u q h f h w u r t x h r v l q y h w i j d g r u h v f r q y h u h p f r p d s u p h l u d h t x l s h g h v h j x u d q d s e d f d q r æ f d o l w r v æ p e p i r l u h æ v d g r s u r v s d u l f l s d q v n v g d s h v t x l v d f r p r x p s u r f h g l p h q w q h f h w u r d v h u w p d g r. A o p g l w r, v h l v s d u l f l s d q v n v u h æ v d u d p t x h f k h j d p d r æ f d o g r f u l p h h p h t x l s h v g l w l q v d v. l w r h w g h d f r u g r f r p

r s u s r w w s h a l S E N A S P (2014), t x h l a g l f d v h u l g h d o r f r p s d u h f l p h q w g h x p d h t x l s h f d u f v h u l " d g d h r x w d g h v f d u f v h u l " d g d f h q d g r f u l p h . B a l q f k h w (2019) l a g l f d , d l a g d , t x h q r o f d o g h p r u h t x h r v l a y h w l j d g r u h v f r p h d p d w d d u d y l g d s u j u h w d g d y v l p d . E p f r q v r q q f l d , v h l v s d u l f l s d q v h v l g h q v l i f d u d p q h f h w u r d h y d q v d u f d u f v h u w l f d v h g h v h u p l a d u r s h u l o g d y v l p d . P r u i l p , i r l l a g l f d g r s r u x p s d u l f l s d q v h d q h f h w l g d g h g h f d v a j d u d v l q i r u p d h v r e v h u y d g d v h f r d k l g d v g x u d q v h r s u r f h w r l a y h w l j d v l y r h v h j x l u g l i h u q v h v d q k d v g h l q t x l u r . l w r h w w h p f r q i r u p l g d g h f r p d j x p d v h v d s d v g r O l f o l a y h w l j d v l y r i s u s r w w s r u F d k v l q j (2016), t x h u h a l v h u q h f h w u r f r q w x l u h f r q v l g h u d u w g r v r v f h q u r v s r w y h l v r i h u h l g r v s h a l v l q i r u p d h v f r d h v e l g d v .

A g h q v d q g r d t x d u d v x e f d v h j r u d g d v s u v l f d v l a y h w l j d v l y d v , l q i r u p d h v f r d h v e l g d v , d s u l p h l u d l q i r u p d r f l v e l g d s r u 14 s d u l f l s d q v h v d v h u f r d h v e l g d d l q i r u p d r v h w h p x q k d o D h d f r u g r f r p P h u l u d h S l o y d (2019) h R l e h l u r h L l p d (2020), q r B u d l o r v l a g f l r v h w h p x q k d l v w p s d s h o s u y l d j l d g r q d l a y h w l j d r , g h y l g r g l i l f x a g d g h h p r e v h u s u r y d v w f q l f d v . N r h q v d q w , d p h p u d h w w v x v f h w y h o d l q p h u r v i d w u h v g h l q i a q f l d . D h w d i r u p d , d w l p f r p r s u s r w w s r u C d u h u h C d u h u (2016), r s d u l f l s d q v h 1 u h a l v t x h q h f h w u r u d s l g d p h q v h w d " h u d v v h w h p x q k d v d w d D h o j d f l d s d u d f r d k h u r g h s r l p h q w , d q v h v t x h d v v h w h p x q k d v f r q y h u h p h q w h v l h h q t x d q w d p h p u d h w w p d l v u h f h q v h h s u h f l v d . O s d u l f l s d q v h 7 l a g l f r x , d l a g d , t x h t x d q g r q r s r w y h o d f h w d u d j x p d v h w h p x q k d q r s u p h l u r d h a g l p h q w g d f h q d g r f u l p h , q r g l d v h j x l q v h d h t x l s h s r d f l d o u h w u q d d r o f d o s d u d l q t x l u p r u d g r u h v . l w r h w w h p f r q i r u p l g d g h f r p r v x j h u l g r s r u B a l q f k h w (2019), t x h f l v d v h u h w d x p d w f q l f d f k d p d g d C A N V A S S , p x l w x l d " d g d s h a l s r o f l d q r u h d p h u l f d q d .

A o p g d v v h w h p x q k d v , r x w d l q i r u p d r t x h g h y h v h u f r d h v e l g d , f r q i r u p h f l v e l g r s r u w h " h s d u l f l s d q v h v , v r l p d j h q v g d v f p h u d v g h v h j x u d q d . B a l q f k h w (2019) l a g l f d t x h d v l p d j h q v g h f p h u d v g h v h j x u d q d v r g h j u d q g h y d d d s d u d l a y h w l j d r g r k r p l f g l r , q r d s h q d v s r u s r g h u l g h q v l i f d u r v x v s h l w , p d v , d l a g d , s r u i r u q h f h u d g l q p l f d r f r u l g d q r o f d o g d p r u h . A o p g l w r , d v f p h u d v s r g h p r i h u h f h u l p d j h q v g r v y h f x o v x l d " d g r v h d w p h v p r g h v h w h p x q k d v . E p h v p r t x d q g r q r h w r d s r q v e l g d v s d u d r i d w h p v l , f p h u d v s u l p d v d r o f d o g r f u l p h s r g h p r i h u h f h u l p d j h q v g d v u r v a l v g h h q w d g d h i x j d g r d x w u (B a l q f k h w 2019). O x w d i r q v h g h l q i r u p d h v , f l v e l g d s r u v a v s r d f l d l v , r f h a e l u g d y v l p d . N r h q v d q w , q r i r l h q f r q w d g d f r u h v s r q g q f l d q d d v h u d v u d v r e u h r v h x x v r .

## Q A A W O E A

O s u h v h q v h h w x g r r e r h v l y r x f r p s u h q g h u d s h u f h s r g r v l a y h w l j d g r u h v h g h o j d g r v o v e l g r v q d D l y l v r g h H r p l f g l r v h P u r v h r P h w r d (D H P P ) v r e u h d v s u v l f d v l a y h w l j d v l y d v t x h d h y d p h a f l g d r g h f d v r v g h k r p l f g l r v . A s d u l u g d s d u l f l s d r g h 18 s r d f l d l v q d s h v t x l v d , i r l s r w y h o f r q k h f h u s r u t x d l v p h l r v d s r o f l d u h f h e h d q r w f l d g h x p q r y r f d v r g h k r p l f g l r , e h p f r p r d g l i l f x a g d g h i t x h r v s u r i l w l r q d l v w p h p h l h f x v d u v x d v u h i d v g l u d v , s r w w t x h q r y d v r f r u q f l d v g h p d a g d p d v h q r f r q w d q v h p h q v h . V h u l i l f r x - v h , d l a g d , t x h d D l y l v r g h H r p l f g l r v g l y l g l g d h p t x d w r g h o j d f l d v h t x h f d g d v x e x q l g d g h f r q v d f r p v h x v s u s u r v h v t x h p d v g h i x q f l r q d p h q w g h s a l q w r h g l w d e x l r g h f d v r v .

R h i h u h q v h d r s u r f h w r g h l a y h w l j d r , i r l s r w y h o l g h q v l i f d u t x h f d g d s r d f l d o v h p v x d i r u p d g h l a y h w l j d u v h q g r t x h , h p e r u d k a r d s x e d f d h v f r p r r O m d a x d o P u v l f r g h l a y h w l j d r g h H r p l f g l r v i

(2019), gr sr dldolx'l Rhqdw Bdqfkhwlqhl lwñ, dw hqwr, xp surfhglp hqwr s hufir qdos dgu r (POP) t xh ir uqh d gluhwl" hv hp fdvr v gh lqyhwlj d r gh kr p lf glr. Dhwd ir up d, dwlp fr p r ds r qv dgr s h v s duwls dqvñv, r v sr dldlv df dedp ds uhqghqgr r t xh s u h l v d p s d d l q y h w l j d u x p k r p l f g l r s r u p h l r g d s u w f d h h l s h u l q f l d d g t x l u g d q r g h f r u h u g r v h x s h u f x u r æ l e r u d o

Fr l s r w y h o y h u l f d u t x h d j x p d v g d v s u w f d v f l v g d v s h v s u r i l w l r q d l v æ v d g r v q d D l y l v r g h H r p l f g l r v h w r h p f r q f r u g q f l d f r p r t x h h q f r q v d g r q d d v h u d x u d, d h l h p s æ g d f k h j d g d g h w h v s u r i l w l r q d l v h p h t x l s h v g l w l q v d q d f h q d g r f u l p h, r x g d q h f h w l g d g h g h u d s l g d p h q v l f r d k h u r g h s r l p h q w r g h v h w h p x q k d v g r i d w. O x w r i d w u r e v h u y d g r t x h l q h l l w ñ f r q v h q v r h q v h r v s r d f l d l v v r e u h r t x h f r q v l g h u d g r x p f d v r h æ f l g d g r.

U p d d p l v d r g d s h v t x l v d i r l d s r x f d g l v s r q l e l d g d g h g h u h i h u q f l d o v h u f r q d f l r q d o v r e u h d v h p w f d, v h q g r q h f h w u r s u r f x u d u f r u h v s r q g q f l d h p p d v h u d o l q v h u q d f l r q d o D h w d i r u p d, u h f r p h a g d v h t x h p d l v s h v t x l v d g r u h v v h d s u r s u h p g h w h f r q v h g r h g h v h q y r q d p s h v t x l v d q h w d u h d, d i l p g h h l s d a g l u r f r q k h f l p h q w, d w l p f r p r u h d d g r h p s d v h v g l w l q v r t x h l q y h w h p q h w d u h d g h s h v t x l v d.

## f yzyÉ ÁwñÉ

Dl shri i j Q t y h r i x i t S f w s 1-5353, 1 S t q h r i F r h r F n j l f f ; ; 9' s f x t æ t i j n t r m i n x j r F z w y r g f 1

V j l z w s f 1 S f w s 1 U j h z u j w i t i j

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E f w r s / O I - 5344, 1 D s æ j i j F t s y i t 1-4 ü j i, 1 H n j x: 31

E f w t q F 1 U Y ( E f w t q D I P 1-5354, L s y w i z h y r t s y t l t y j s x r h S x' h n t q l ' æ j x j f w m f s i f u u q h f y r t s 1-Ø y m j i, 1 V f l j

S z g a h f y r t s x 1

E d s h n j y / O I U 1-534<, P f s z f q S w y r h t i j L s / j x y h f t i j K t r m i n x - 5 ü j i 11 y n f q /

F f w j w O I G 1 ( F f w j w M U 1-5349, 1 H k j h y h j S t q h j K t r m i n j L s / j x y h f y r t s x - H j n j s h j k t r x j j s h y r j x ~ r y m n m m h q j f w s h j w j x 1 K t r m i n j V j z i j x Y t q 53-5, u 1483 Ó 4: 91

F t s x j q r t l j i j w i q j S x h t q l r i - 5334, 1 U j x t æ t F I S 35234 H u j h r i æ y f j r S x h t q l r i N æ w i r h f 1

I f n x r s l / L D 1-5349, 1 W h j P f p s l t k f s H u j w G j y j h y h j æ w h s p s l f s i G j h n i r s l r s F v n r s f q d s / j x y h f y r t s x 1 G t h y t w i q G r x j w f y r t s b G j u f w y r j s y t k S x' h n t q l ' / X s h j w y r t k J t y n j s g z w 1

I v æ r E v i x r q j n t i j V j l z w s f S g a h f 1-5346, 1 D L s / j x y h f t i j K t r m i n x s t E v i x r q j n t S f z q / V S 1

I v æ r E v i x r q j n t i j V j l z w s f S g a h f 1-534<, 1 D s z w æ E v i x r q j n t i j V j l z w s f S g a h f 534<1 V t S f z q / V S 1

I v æ r E v i x r q j n t i j V j l z w s f S g a h f 1-5355, 1 D s z w æ E v i x r q j n t i j V j l z w s f S g a h f 5355 N t S f z q / V S 1

J z " j q f / W O R w t q s / l Y ( \_ f s j y j / G 1-5354, s i m j i j H æ h n f t i j K t r m i n x j r F z w y r g f j r 534< j 53531

U j / r x y f H k h t q V z u j w æ w i j S t q h r i F r h r F n j l f f ; ; 6053541 U j h z u j w i t i j

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L s y r y z y t V t z i f S f " 1-5355, 1 R s i j P t w f l r u z s n i f i j B S t w z j t E v i x r q u y h x f i j z r s i r h f i t w s f h n t s f q i j

j x h d v y h m j s y t i j n t r m i n x 18 H n t 1

O s t / G 1-5354, 1 F v n r s f q s v r k a p s l S j v k a f F v n r s f q æ s æ j i t h t r u t w f r j s y t s f r s j j x y h f t h v n r s f q N æ w 1



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rsjl vfsy xifx hf wjvnt qhnt xhnt i t vzf i w i j u j x t f q i f u t q h n t h r h t s k t w j j x u j h r h t f j f i t y f  
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[5347253462q n d 5; 63 h y r](#)

P t v j n v / O I H i j V t f v j x / O I F 1 H I F 1 5 3 4 < , S x h n t q l r i M w r h f = Q t y f x x t g v j z r Q t | t Q t g t P f z i f S x h n t q l r i 1  
S x h n t q l r i = F n s h r i j S w k x x t ' t s a s j b i 5 3 4 < / 1 6 < s l i t n 4 3 4 8 < 3 2 4 < ; 5 0 6 : 3 6 3 3 6 5 5 8 8 8 8

Qj w / l 1 V 1 ( Q f i f s t | x p / S 1 5 3 5 3 , K t r r h n j m u z s r y r s E v i r " r a j y ~ j j s 5 3 3 9 f s i 5 3 4 9 1 U j / r x f i j V f i j S g a h f  
' t s a s j b | 1 8 7 l i t n 4 3 4 4 9 3 9 2 x 4 8 4 ; Q : ; : 5 3 5 3 3 8 7 3 3 5 5 ; 7 1

Q t l z j n v / Y 1 G B t r j x / O I P 1 [ 1 E f v g t x f / M O I D 1 5 3 4 ; , 1 W s i s h r i f r t w f q f i j u t w n t r r h i n j r l t " i t  
l l z f z j S f w s / 5 3 4 3 f 5 3 4 8 1 U j / 1 E v r x l i j L s r h r i t F j s y k h r f A E L F , / 1 8 / s 5 / u 1 5 5 5 0 6 7 1

S j v j n v j V r q f / U 1 1 5 3 4 < , 1 D S w / f W x y j r z s n f q f S f w n v j S j x v z r x x t g v j f F t s k t w n f i j j P j r w i s t  
r g r y t h w n r s f q W y j G t z y t w i t , 1 l s x y z y t i j F n s h r i x E n t q l r h f x X s r j w n f i j l j i j v r q j P r s f x J j v r x l  
S n t | j x f s / D Y ( W y r u t w s r H I U 1 4 < < 8 , 1 S j x v z r x f j S u q w r y w i = u w h j i m j s y t r j y t i t q l r h t u f w i t j x y z i t i j  
k f y t v j x n z r f s t x s t h f r u t i f x f i j u g a h f 1 U j / r x f i j V f i j S g a h f / 5 < 7 , / u 1 6 4 ; 0 6 5 8 1 i t n =  
4 3 4 8 < 3 2 x 3 3 6 7 0 < 4 3 4 < < 8 3 3 3 7 3 3 3 4 3

S t q h n t F r h r a j t S f w s 1 5 3 5 4 , 1 S t q h n t F r h r a f y s l j 4 3 3 ' i j v j x t q t i j n t r r h i n t x j r F z w y r g f s t 4 y m j x y j 1 3 8  
i j r f n t i j 5 3 5 4 1 U j h z u j w i t i j [myux=22~ ~ 1 u t q h n t h r h t q u w t | b w Q t y h r i 2 S t q h n t F r h r a f y s l j 0 4 3 3 0 j 0](#)  
[v j x t q h f t 0 j Q n t r r h n t n x Q r Q F z w y r g f Q t Q t Q w n j x y v % z j 5 y @ j v r q](#)  
[S t q F 6 ' D G h r i ' 5 3 F r h r q 5 3 f y s l j ' 5 3 4 3 3 ' 5 8 ' 5 3 i j ' 5 3 v j x t q ' F 6 ' D : ' F 6 ' D 6 t ' 5 3 i j ' 5 3 n t r r h ' F 6](#)  
[' D G i n t x ' 5 3 j r ' 5 3 F z w y r g f / n t r r h ' F 6 ' D G i n t ' 5 3 s t ' 5 3 F ' F 6 ' E 6 i n t ' 5 3 S j s f q 5 3 E v r x r q n v](#)

U r g j n v / O I ( O n f / l 1 P 1 5 3 5 3 , 1 V j w v z j | f n | n v w u w h j x t B G j y j w r s f s y x i f j q h n f t i t x n t r r h i n t x i t q x t x  
j r z r f h n f i j g v x r q n v 1 R u s n t S g a h f / 5 9 4 , / 9 9 0 < : l i t n 4 3 4 8 < 3 2 4 ; 3 : 0 8 4 < 4 5 3 5 3 5 9 4 9 9

V f r u n j v a U I K V F f a i t / F I l V ( Q z h n t / P 1 S 1 E 1 5 3 4 6 , 1 P j y t i t q l r i j S j x v z r x f 1 8 u j i 1 1 S j s x t 1  
V j h y y f v i Q f h n t s f q j V j l z w s f S g a h f 5 3 4 7 , 1 D L s / j x y r f t F w n r s f q j K t r r h i n t x 1  
X Q R G F 1 5 3 4 < , 1 J q g f q v j z i ' t s K t r r h n j 1 Y n j s s f 1