



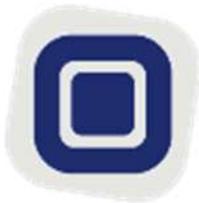
Economics, Finance
and Accounting

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ECONOMICS, FINANCE AND ACCOUNTING

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Economics, Finance
and Accounting

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risy, PED, DLVP, Pfsf, Sfw, wQixwfs, lsy, Roz - AtosSas+

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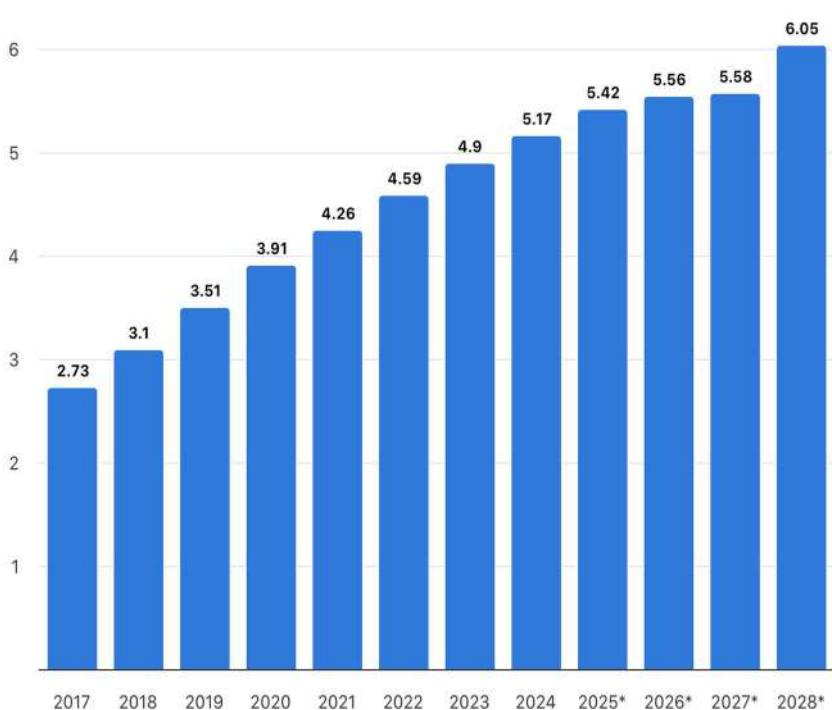
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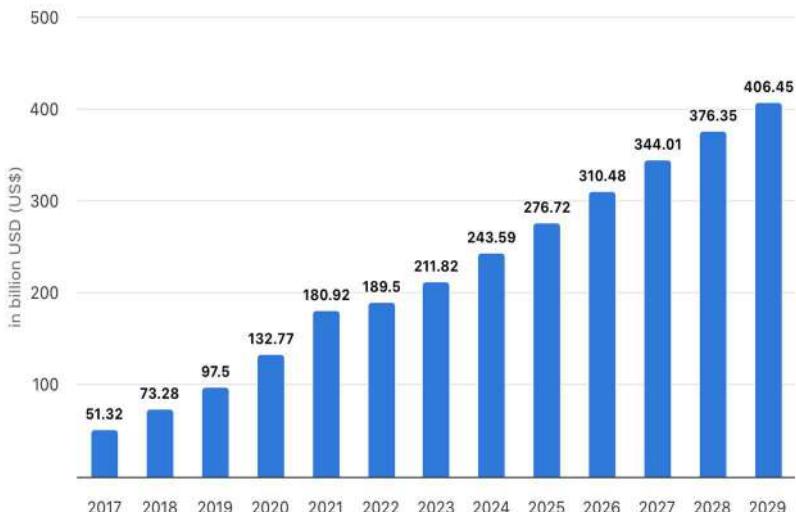
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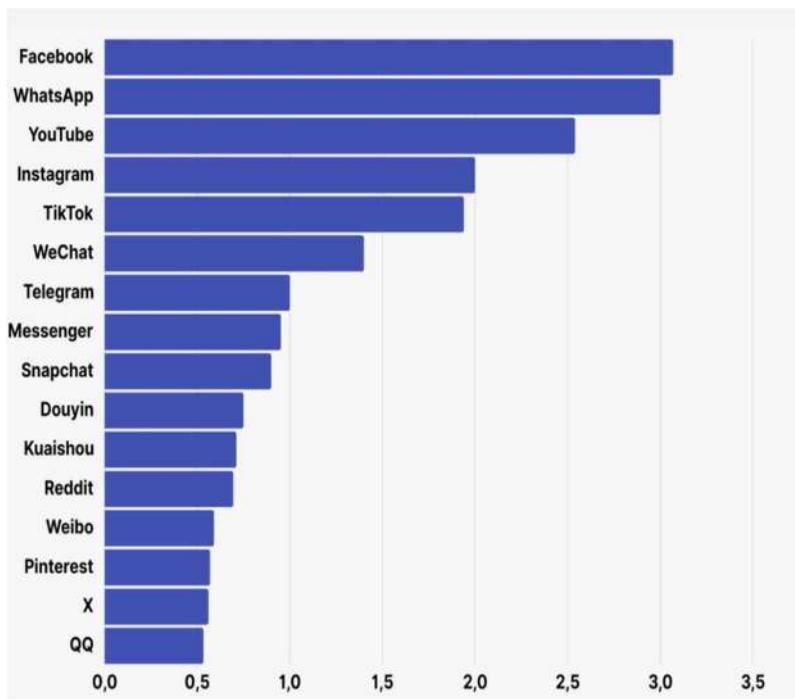
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Source: Social media usage and growth statistics (2025)

<https://backlinko.com/social-media-users>

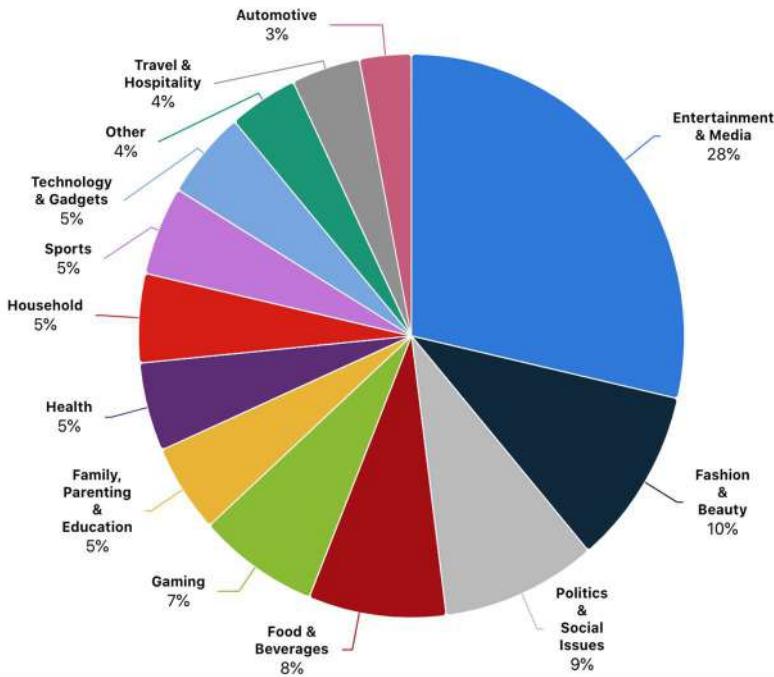
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lsitsj xrf	5 ntzwk : r rsyj x
Vuf rs	3 ntzw77 r rsyj x
lwfshj	3 ntzw6: r rsyj x
Lyfqr	3 ntzw6: r rsyj x
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Hsy wyrfrsj sy) Pjirf xj hyt wrx ut nxj i yt wyrfrs ymj xwt slj xy*xj j
Irlzwj 60



*Syw úu A. dësyq: á ut yq q qt uú y yöw nüöt yöw xqúu
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; aohSt̄f M8Rt*

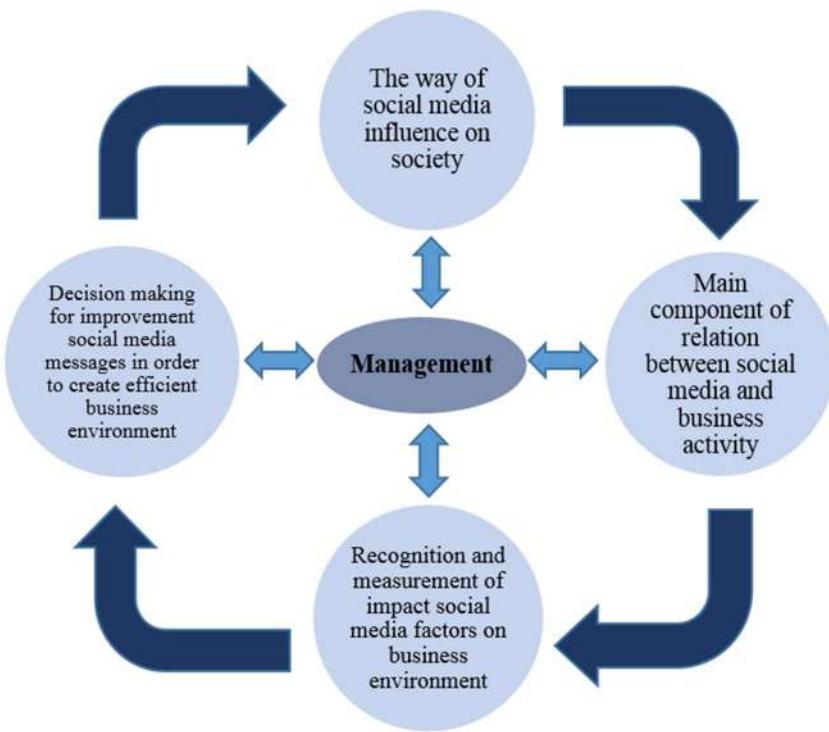
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uwtizhyts tk ml m~~j~~sl flj r jsy htsy~~s~~sy. ~mthm s~~f~~y~~w~~f~~q~~ f~~y~~w~~f~~hyx
qfwj fzi njshj x fsi xtl s~~h~~hfsy fi |j w~~y~~xj w~~s~~y w~~y~~0Dx xyj fr~~s~~l
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wjx fwhm xzlljxy ynfý ~j xntzq knwy yfpj fhyts yt rr uwt |j ynj
r fsflj rjsy tk ynj xj htr utsj sy g« wjhtl srs1 fsi j'fr rs1
ynj xj kfhyt w̄k fsi rs hwy fxrs1 ynj q̄|j q̄tkf~fwysjxx fsi uwtr tys1
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htsxnj wsl ynj hzwyk syljtutqyhfqi «sfr rh hnfslj x. ny gj htr j x
sj h jxfw y t i j |j q u fsi m uqj r jsy kti xj hzwyk r fsflj r jsy
x[«]xyj r x ynf y ~nqy ~nymyfsi r t i j w hnfqj slj x fsi jsxwy kti
xj hzwyk0 Wj fwyhj uwut xj x f h[«]hqhfq r t i j q t k kti xj hzwyk
r fsflj r jsy. fm rs1 yt m uqj r jsy ht sysztzx wj ktr w x rs
r fsflj r jsy ksykshyt sx0

Vv@l@b@ kti xj hzwyk. r fsflj r jsy. xj hzwyk wpx. xzxyfrsfgj kti uwthzhyts. kti ht sxzr uyts hzqyj

UPWt@uvEG9

dv@r@t@ r@P@E@rsyt i zhj f ufwyhrufty w kti xj hzwyk r t i j q
ynfy ~nqy xutsi vzhpq y xypj nt q j w j'uj hyfyt sx0

dv@r@t@ y@h@l@E@f kti xj hzwyk r fsflj r jsy hqj r t i j qmfx
gj j s i j |j q u j i . gfxj i ts pj « uj wkt w fshj rs i rhfyt w ynf y xj w j
ynj rs yj wj xy t kxyf pj nt q j w0

Тәңгілдің тарихы

Лти xj hzwy« r fsfljr jsy wj vznj x f ufwyhrufyt w fuuwt fhm ktr xyf pj nt qj w fsi . fx f wzq . n styr uq r jsy i ktr f xslq hjsy w0ls ym wj l fw . ryx rr utwfsyyt xj y r fsfljr jsy t gq hylj x n xzwmf ~f « ymf ynj « wj kq hy ynj t gq hylj x tk f qxyf pj nt qj w j sxzwsl kti xj hzwy« *Sw xj pt | . D0] 0 4fst |f . V0 D0 423 : 0 Pt wyt | j w ktwymj rr uq r jsy fyt s tkj kq hylj r fsfljr jsy . ryx f qst sj h j xxfw« yt i j ksj r j fxzwj r jsy t kr fsfljr jsy t gq hylj x . ~mhm hfs fhy fx pj « uj wkt w fshj n i rhfyt wOPts nyt wsl ynj xj n i rhfyt w hwyfj x fs tuut wzs n yt n i jsy k« ymj fyx yt kti xj hzwy« fsi r fpj r fsfljr jsy i j hwx tsx yt uwj | j s ynj rr ufhyt kwxp kfhyt w *Ffr un P0 Gzj fx . P0 lfl nt q . J 042430

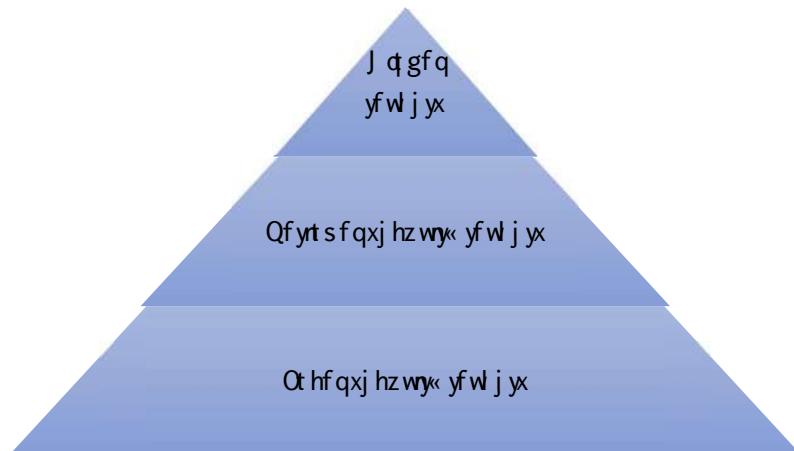
Дүркіндең тарихы

Wj Utr j Gj hqwyfyt ts Z twj lti Vj hzwy« *XQ. 3 ; 8+ wj ht l s n j x = Wj w l my t k j | j wtsj yt f hhj xx xfk fsi szwyt zx kti . n f hht w fshj ~ym ynj k s i fr jsy f q w l my yt gj kqj ktr mslj w0 Wj yj w lti Vj hzwy« ~fx kwy zxj i fy ynj Z twj lti Vz r r y n 3 ; 96 . ~mhm ~fx i j ksj i fx = Pfrs yfrs nsl ynj x yf gropy« fsi f f rnf gropy« t k kti uwt i zh yx n r f w p j yx k w f q h t z s y w j x t k ynj ~twj 0 Kt ~j | j w fy ynj hzwy« sy xyf l j t k i j | j q ur jsy t k uzgah qj . ynj uj whj uyt s tk kti xj hzwy« nfx x h f s n h f s y q j ' ufsiji fsi n 3 ; 8 ynj Z twj lti Vz r r y i j ksj i kti xj hzwy« n f sj ~ . j ' ufsiji ktr z q yts = \$ tti xj hzwy« n f h t r uq ' t k q l f q t w f s n f y t s f q q l n y h f q fsi t ynj w r j f x z w j x f m j i fy uwt i n s l ynj utuz q yts ~ ym x z k k h j s y . x f k j . szwyt zx kti t k ynj wj vznj i vzf q« fsi vzf s y« . f hhj u y f g q j yt ynj x t h t / h z q z w f q fsi mxyt whf q h m f w f h j w x y h x t k ynj x t h j y« . ~mhm n f hhj x x g q j yt j | j w

r j r gj wt kxthjy fsi hfs gj htsxrzji g« mrr fyfs« yrr j fsi rs
fs« xxyzfyts *shqjrsi izwsj rjrwjshjx fsi r fwyrfqf~+rs
twjwyt qfi f njfgm fsi uwtxujwtzx qkj 0\$

Iwtr ynj fgt|j i j ksrnyts. nygj htr jxtg|ntzx ynfjy kqj hyrj kti
xj hzwj r fsflj r jsy nx shqjji stytsq rs ynj kfrj~twp tk
sfytsfq gzy fqt xzuwfsfytsfq nxzjx. fx ny nx i njhy
rsj whtssj hyj ~nymymj XQ Vzxyfisfgj Gj|j qur jsyJ tfq4yt jsi
mzsljw jsxzwj rr uwtrjji kti xj hzwj fsi uwtrtyj xzxyfisfgj
fl whzqzv j g« 4252. yt ~mhymymj It|j wsj r jsy t kymj htzsyw jx fw
htr r nyj i fsi fwj yfprsl htshwjy fhytsx yt rr uqj r jsy ny
*Ptnfr r fi. DO Dqnmrsifgj w04242-0

Wjv jkwy. kti xj hzwj r fsflj r jsy nx shqjxj j rs sfyzwj fsi
jsxzwj x ynj rr uqj r jsyfyts tk sty tsq sfytsfq gzy fqt
xzuwfsfytsfq t f q *xj j I nzwj 30



Syw úu ðelexu xymúqúsx ëv vëët us úy á qöqnuá uö qúnu ⁸

¹ *Ltsolfr p: lys oj lyut*

J q gfq. ynj ltfq tkkti xj hzwy r fsfljr jsyfwj =

- ✓ yt jsxw j fhj xx yt xfk fsi szwyt zx ktti ktfq
- ✓ yt jsxw j xx yfr f gq ht sxr uyt fuutfhmj x.
- ✓ yt uwtr tyj ynj uwtizhyts tk xfk kti x rs yj wr x tk ynj ht sxj wfyt fsi uwtj hyts tksfyzw fsi gti rj wry.
- ✓ yt jsxw j kti xj hzwy wj xqj shj yt xt hrt/ut qyhfq xnt hpx fsi sfyzwfqj nfxj w *Dajj. DO Oksi. OO UO Yf »j. Y042430

Iwtr f sfytsfqj jj q uj wkuj hyrj. kti xj hzwy r fsfljr jsy nxxj x fwj yfw j yj i rs ynj kq ~rs l pj « fwj fx =

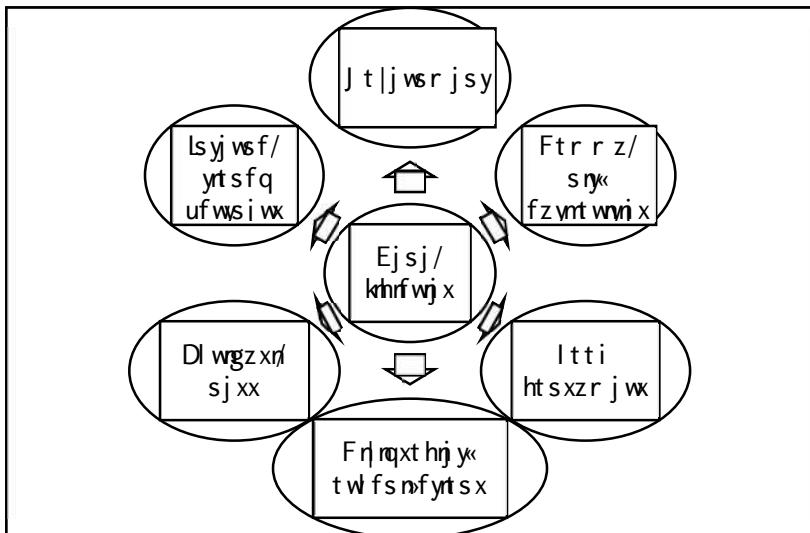
- ✓ fi |fshsl ynj ht zsyw & ut xnyts rs ynj rs yj wfyt sfql q gfq kti xj hzwy rs i j'.
- ✓ j fwq n ijsykhfyt fsi sj zwf qfyt t kymj fy yt kti xj hzwy.
- ✓ jsxwsl q |j q tk kti f/fnq gqy. fhj xxrgqy fsi xj q xz kkhj sh.
- ✓ huj fysl f x«xyj r tk f hht zsyf gqy ktwj kq hyrj kti xj hzwy r fsfljr jsy fsi wpx sj zwf qfyt.
- ✓ jsxwsl ynj ktw fyt ts tk kti xj hzwy wj xj wj x fsi ynj nfw tntzx tuj wfyt ts tk kti i xwrgz yts rs kufxywz hyz wj rs j r j wj sh xwz fyt sx0

Wj wj k wj. ynj r f s ltfqtk kti xj hzwy r fsfljr jsy fy ynj sfytsfqj jj q x yt jsxw j umxrhf q fsi j ht str rhf hhj xx yt kti ymf y r j j yx nj f gmx y fsi fw x ktfq l w tuzx tk ynj ut uzq yts. fx ~j q f x yt huj f yj uwj wj v z x yj x k w j x yj fsi jj wj hmfslj x rs ynj i t r j x yh fsi j' yj wfqr fwj yx fsi ynj sj l f y r j ht sxj v z j shj x tk ut xxrgj j r j wj sh xwz fyt sx *OO Pflif. U042440

ls ufwfq q kti xj hzwy r fsfljr jsy n f q t kf h j i ~ym q hfq xj hzwy nxxj x. xz hmf x =

- ✓ jsxzwsl ynj q | j qt kxj d/xzkkhj sh« rs j xxj syf qkti uwti zhix
*hfqzqfjj i g« jsjw « |fqj +
- ✓ jsxzwsl fyqfx yf r rsr zr q | j qt kfhhj xx yt kti uwti zhix.
- ✓ jsxzwsl fhj xx yt f r rsr zr kti gfpjy. r fsflrs kti
~fxj fsi jsxzwsl fs fuuwtwfj q | j qt k qj wfh« fr ts
htsxzr j w *Wmzlmzwfs. DO Psfxfpfs«fs. KO J wltwfs.
004247+

Wrx. ryzwsx tzy. ynf ynj kti xj hzw« r fsfljr jsyx«xyj r
stytw fsnj i ktr f xslq htr r ts hsjw gzyts ynj htsywf w. rx
ufwyrhufyt w« rs sfyzwj. rs | t qrs f | fwj yk tk xfpj ntqj w *xjj
lrlzwy 4+ j fhmt k~mhmuzwzj x i lkj wj syr fsfljr jsyltfq *ltti
xj hzw« lq gfqrsij' 42440



*Syw úu 95exu sëñu ëv q' uxë:t uú yö ñqú ysyñq ëú vëët us úy
á qöqwuá uö⁹*

⁸ Ltsolfr p: lys oj lyut

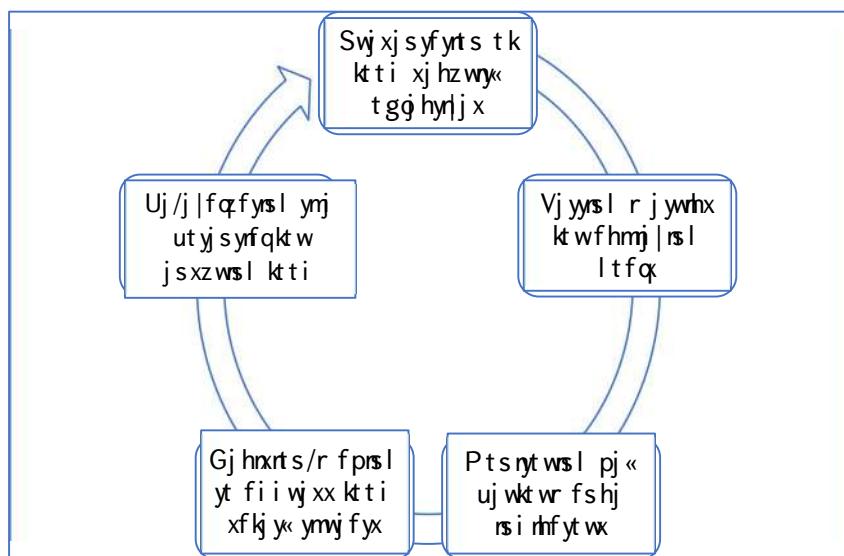
Wj wj kt wj. ry rx ht s xni j wj i fuuwt uwfyj yt hqxxrk« kt t i xj hzwy« r fsfl j r jsy t gq hyrj x sty tsq f hht wi rs1 yt yfw jy l wtzux tk gj sj khrfwj x. gzy fqxt f hht wi rs1 yt r j fxzwfgrqy« rs1 rhfytwk *xj j yfgq 30ls xz hmf hfxj. kt t i xj hzwy« r fsfl j r jsy gj sj khrfwj x fwj l rj s ynj tuut wzsny« yt r tsytw rs1 rhfytwk tk fhmj | j r jsy tk t gq hyrj x *Nmf hmf ywfs. Q0 Nmf hmf ywfs. NO 4247+ ~mhm fwj r j fxzwfgrqy. fsi ynj wj g« yfpj r j fxzwj x yt uwj | j sy kt t i xj hzwy« ymj fyx *xj j ktl z wj 5-0

eqr:u 85Pq uwéúy q jéö ëv vëët us úy á qöqwuá uö ërzus y u r qúmu ruöuysyqú wáë ñ qöt jöt ysq éú

Ww j yx		J tfqfyf rsr jsy r j ywhx	Ej sj khrfwj x
<i>T:ërq: .R80</i>			
Itti f kkt wi f grqy«	H ₃₃	Itti f kkt wi f grqy« q j q*(+	lsj wsfytsfq l zsi kt w Dl whzqzj
Itti f frqf grqy«	H ₃₄	Itti f frqf grqy« q j q*(+	i j j q ur jsy *U DG+
Gzwf grqy« fsi xfkj y«	H ₃₅	Dgrqy« yt ~ymy fsi j r j wj sh« xnyzf ytsx (Z twq Itti Vzr r ry Itti fsi Dl whzqzj Rw fs nfyts *I DR+
Vyf grqy« fsi xj hzwy«	H ₃₆	Q j qt kkt i uwtizhyts gfyj i ts xz x yf rs f gqj i j j q ur jsy uwshnuqj x (
<i>[q jéöq: .R90</i>			
Itti uwj xj shj	H ₄₃	Qfytsfqkti gfqshj *i t qfw f q j +	J t j wsr jsy. Ftr r zsy«
Itti xj dk/ xz kkrhj sh« wfyj (H ₄₄	Vj dk/ xz kkrhj sh« wfyj (fzynt wyyj x. Frj r qxt hqj y«
Itti xyt wfl j	H ₄₅	Itti xj hzwy« q j q(t w fs nfytsx.
Itti xj hzwy« ymj fyx r nyd f yts	H ₄₆	Dgrqy« yt uwj j sy kt t i xj hzwy« ymj fyx *ut rs yx+	Itti ht s xz r j wk

Yēsq: .R 0			
Itti htsxzr uyt hzgzwj	H ₆₃	Itti uwtizhyts fsi htsxzr uyt qxxj x wfj * (+	J t j wsr jsy St uzqyts
Di j vzfj kti rsyf pj	H ₆₄	Itti rsyf pj ~ymj sj w « fqj wj v z my r jsy *ut rsy +	

Ftsxj vzj syq. ynj i j ksynts t k pj « uj wkt wr fshj rs i rhfyt wk
 *NSlx+ kt wkt i xj hzwj « r fsflj r jsy fwj fx fsi r tsynt wsl ynj mw
 fhmj | j r jsy g « i rkj wj sy l wtzux t k gj sj khrfwj x n ut wfsy0 ls
 ymx hfxj . ynj i j l wj t kfhyz fqf hmj | j r jsy tkt gq hyqj x fqt hqj f yj x
 fs t uut wzsry « yt njsy « kti xj hzwj « wpx fsi ynj mwr fsflj r jsy
 i wj hynts x *xjj yfgqj 4:0



Syw úu : 5exus s:u qññúéqsx év vëët qvu á qöqwuá uö

W₁₂x. rs W₁₃gj 4. ~j uwtutxj k₁ti xj hzw₁y« rs i rh₁x. ynf₁y w₁j xj sysysttsq zsi j w₁sfytsfq gzyfq₁ sfytsfqfsi j | j s q h₁fq fxxj xxr j syx0ls t zwtur₁ts. ynj uwtutxj i rs i rh₁x hfs htr u₁gr j sy ynj l q g₁fq k₁ti xj hzw₁y« rs i j' fsi uwt| n₁j r tw₁ rs k₁tw₁ fyt₁ ts yt | fwt₁ zx xyf₁ pj nt q j w₁k twyfw₁ j y i r fsfl j r j sy i j h₁xts/r fpr₁l 0

eqr:u 95Nsxyu uá uö ëv vëët qvu á qöqwuá uö ërzus y u yö uáá ëv úy' yt uö yysq yëö

NSIx	W ₁₄ l j yx	Dhm ₁ j r j syx	Sj w ₁ tw ₁ fshj (
H ₁₃	; 4	: 8	20 5
H ₁₄	; 7	: 4	20 8
H ₁₅	; 8	: 6	20 7
H ₁₆	97	84	20 4
J q g ₁ fqf ₁ w ₁ j yx fhm ₁ j r j syx rs i j'			20 87
H ₁₃	; 6	: 4	20 9
H ₁₄	: 4	85	209
H ₁₅	: 8	93	20 4
H ₁₆	32	:	20 2
Qfyt ₁ sfqf ₁ w ₁ j yx fhm ₁ j r j syx rs i j'			20 37
H ₁₃	9	;	209
H ₁₄	: 4	97	20 6
			20 77

N₁₅at W₁₆zq

W₁₂x. k₁ti xj hzw₁y« r fsfl j r j sy xmtzq gj tw₁fsn₁j i ts f ufwyhnu₁yt w₁ g₁fxn₁. yfpr₁l rs y f₁h₁tzsyym₁ l t f₁q t k₁f₁qpxyf₁pj nt q j w₁0 P₁tw₁t| j w₁ ynj r fsfl j r j sy uwt h₁xx ~m₁ gj h₁ts xni j w₁i r tw₁ j k₁j hy₁j rkrynx tw₁fsn₁j i rs f h₁h₁qhf₁qf₁uuwt fhm₁*xj j l h₁zj 5+ x₁h₁g₁fxj i ts l j t ut qyhf₁q fsi i tr j xyh x₁yzfyt₁sfq hmfsl j x. k₁ti xj hzw₁y« w₁vz w₁j r j syx f₁w₁ uj w₁t i rhf₁q w₁ | n₁j i 0

Wij wj kt wj. ~j ht sxni jw ry sj h jxxfwk sty tsq yt r fpj r fsflj r jsy i j h xrt sx fmr ji fy j qf rs fy s l kti xj hzwyk ymj fyx. gzy fqxt yt njsy k ~f x y t m uwt j ynj kti xj hzwyk ut yjsy fqt s f uf wyrhnu fyt wk gfxn tk r fsflj r jsy fsi yt m uqj r jsy ynj ut xxrgn yj x kt wnj nwf uqj fyt s 0

dvwlvqtvE

30 Itti xj hzwyk l q g f q s i j' *4244+.
~~myux=li tr w ufhyq htstr ny0tr 1xzxjfrsfgnaykluw q hylkt i /xj hzwyk/ rsij'~~

40 I DR. II DG. Z I S. Z KR.) XQLFH 0*423: +Wij xyfj t k k t i xj hzwyk fsi szwyrt s rs ynj ~t wq =Ez rj s l hqf f yj wj xqj shj kt w kti xj hzwyk fsi szwyrt s 0 tti fsi Dl whzqzj R w f s n f y t s. XQ Utr j 0myu=li ~~~0ft q w 151l; 775HQ1n 775j s Qui k0Dhhj xxj i ts 37 Qt | j r gj w 423: 0

50 Z exqá á qt 3N5B: x öygruú. *4242+. Itti xj hzwyk r fsflj r jsy fsi fxxj xrx jsy. rs yj wsfy t s f q d z w f q t k f l whzqzj fsi j s | n t s r j s y f q w j x j f w h m | t q r j 28 n x x j 23 a s j 4242 i t n= ~~myux=li tr w 132057771j nfj wq7804~~

60 aüe u' e 3N5Bj 5bqöt Vqöe q3d5B: N5*423: +. Itti xj hzwyk=Wij hm f q j s l j t k y n j u w j x j s y. Psutulj <. | t q p; 3. uu095 990 ~~myux=li tr w 13202381a j t k w r 0423: 040252~~

70 NrP b20Y 200dv r w0Y 20r q u Qrxz1u+R2*4243+. Vuj hrfqf y t s rs kti uwtizhyrt f k j h y x l q g f q k t i xj hzwyk fsi kti x x y j r x x z x f r s f g n a y k. f ulzr Msüszuqf s S l y | t q 363. u0327633. Pf « 4243 ~~myux=li tr w 13202381N2 RUOGGHHY04243027633~~

80 N:uu N5B: Y öt Y5c 5bqöt gq u g5*4243+. F w t x x /s f y t s f q f s f q x n x t k kti xj hzwyk i w j j w k =ht r u f w s l w j x z g x g f x j i t s y n j Itti ls xj hzwyk H u j w j s h j V h f q fsi J q g f q l tti V j hzwyk ls i j' . ~~myux=li tr w 13202291x34793/243/237/8/~1Szgqxnj i~~

90 Oe y 3l 5B: P ry:ë 3e5B: W3d q:ru' 305gq q3Y5B: qwt q3c 5 *4244+. Itti xj hzwyk r fsflj r jsy rs i j | j q u s l ht z s y w j x = ls k q j s h j t k j ht str m k h y t w t s y n j n w k t i f | f r f g n a y k fsi f hhj xx0

Sq V RQH 39*9=j 24938; 80

myux=li tru w 13205931dzwsfquitsj 04938; 8

: 0 Gwjj w k k t i xj hzw y *4245+ Hzwt uj fs Ftr r xxits.

myux=li htr r xxits Qzwt ufu Qz

; 0 e x w u qö3 N3 Z öq q' qö qö3 U3 Túwéú qö3 Y4 *4247-0

Fmfqslj x s Svt | n s l s k t w fyts ts HJ i j j q ur j sy. uu05: 7/5: ; 0 myux=li tru w 13205931; 9: /5/253: 4432/2e85

320 Xxqszq u qö3/ 5Xxqszq u qö3 X5*4247-0 lxxzj x t k Hht x₀xyj r

Vj w hq x Pfsfl j r j sy0ls=St up t f. Hq 0* j i x+Vhms t q l mhfq

Kt wnt s x t k Gj hf wgt s n f yts Efxj i ts Hs | nts r j syfqls st | fyts x 0

Di | fshj x s Vhj s hj . Vhms t q l «) lsst | fyts 0 Vuws l j w

Fmfr 0 myux=li tru w 13205931; 9: /5/253: 4432/2e92

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bj p<wfrC7; 46B4868; Das übfrC674764868; Dj qqsqfrC7; 4764868;

OkZLY TN WZVLRPe MPf i PPZ d PRTa ZLWLZO Ld Y PZ TLZ
Lc g LNg Wf g d PEPH TOPZNP Qd a Y bNL LZO Ld OWPd a d
Na d d PNf Ta Z LZL Wke Te

ZrzdzyzUsrDyDrq

] j wj | fs Vyf yj Xs rj wky. SmG0rs Hht str rhx. Dxt hrf yj uwt kj xxt w
s Qmgfxmfs C «xz fr
RUFLG LG=mjuux-1t whri @ w 12222/2224/: : 66/9736

RrDrq RydcrDrq

] j wj | fs Vyf yj Xs rj wky. SmG0rs Pfym Smx0 Dxt hrf yj uwt kj xxt w
I f|fsj l mz pfx[«]fs C «xz fr
RUFLG LG=mjuux-1t whri @ w 12222/2225/638; /98: 9

ls Marta Dvfhzqzj rx ynj kf xj xy lwt ~s l kti uwt i zhyts
xj hyt w l q gfaq fsi Izfwfsyj j x kti xj hzwyk fsi szwyts 0
Dvfhzqzj uwt i zhyts s Dwr jsrf rs hwy f xj i xrl s kthfs yq t | j wymj
ufxy ymij i j hfi j x. rs hwy f x s l fuwt 'rr f yq j s k t q 0 ls ym
htsyj 'y. ry rx rr ut wfsy yt xzi « ynj i «sfr rhx tk fvzfhzqzj
uwt i zhyts s ynj vj l rs fsi ynj rr ufh y tk vj l rsfq r fwqj y
uwy xxzwy x ts Dwr jsrfs uwt i zhyts. hts xni j w s l ynj htzsyk x wl ny
yt xyfwyj 'ut w s l fvzfhzqzj yt ynj HKO

Wmx xzi « j 'fr rs j x ynj rr ufh y tk vj l rsfq fvzfhzqzj
j 'ufs xts ts Dwr jsrfs fvzfhzqzj 0 Xx s l Sws hufq Ftr utsj sy
Ds f q x x. vj l rsfq l wt ~ymfsi i rj j w j shj kf hyt w ~j wj j ' ywfhy i fsi
rs ht wut wfyj i rsyt fs DUGO Hwt w Ftwyj hyts kf r j ~t w p 0 Uj xz q x

vj|jfqf qsl-ws ht~~sy~~l wfyt~~s~~ ~ym wj|tsfq|wt~ym yj si fsi
sj|fy|j xnt w/w~~s~~ j k~~j~~ hyx0Qj |j ymj q xx. ymj x~~xx~~j r wfuni q ht wj hyx
i nj v~~z~~rgw~~f~~ ym~~t~~z l mht~~sy~~l wfyt~~s~~0

Vv~~Q~~ T~~tu~~hf hfuyz wj kx~~n~~j wj x. fvzfh~~g~~z wj uwt i zhyt~~s~~. SFD.
DGUOr t i j q ht~~sy~~l wfyt~~s~~

UPWt~~T~~uv~~ET~~ 44. R35. F44

d~~v~~U~~r~~lty **ts'vt~~Q~~W** Dxxj xx ~mj ymj w l q gfq fvzfh~~g~~z wj x
wfuni l wt~ymfuuj fwk rs ymj sj n~~ngt~~ws l j htstr j x. fsi fsfq~~q~~j
Dw~~r~~ jsrf x fvzfh~~g~~z wj uwt i zhyt~~s~~ ~ym~~s~~ ymj wj l tsfqhtsyj 'y0

d~~v~~U~~r~~lty **q~~h~~h~~u~~W** Ftsxn~~j~~ws l ymj xhfwh~~h~~ tk vzfsy~~y~~fy~~r~~j
xyzin~~j~~ x ts Dw~~r~~ jsrf s fvzfh~~g~~z wj. ymx wj xj fwhm uwt|n j x
j htstr j wh~~h~~ fsfq~~q~~xx tk Dw~~r~~ jsrf x fvzfh~~g~~z wj. q~~s~~psl sfyt~~ts~~fq
uwt i zhyt~~s~~ yt wj l tsfq i «fr~~h~~x. fsi ljsj wfj x j|njsj~~h~~/g~~f~~xj i
rs x~~h~~ myx kt wut qh~~h~~ kt wr z~~f~~yt~~s~~0

T~~Q~~W~~u~~dt~~Q~~W

Swt i zhyt~~s~~ tk fvzfy~~h~~ k~~t~~ i x mfx j r j w j i fx f ht~~ws~~j wyt~~s~~ j tk
l q gfq k~~t~~ i xj h~~z~~ w~~y~~ fsi x~~z~~xyf~~s~~fg~~q~~0j q gfq ut qh~~h~~ kf~~r~~ j ~t w~~o~~
rs h~~y~~ fx~~h~~ l q j r umfx~~o~~ j ymj wt~~q~~ j tk fvzfy~~h~~ k~~t~~ i x rs x~~z~~xyf~~s~~fg~~q~~
i j|j q ur j sy. ~ym l~~t~~ i fsi Dl wh~~h~~z wj R~~w~~ f~~s~~nfyt~~s~~ *1 DR+E~~q~~j
W~~w~~fsx~~k~~tr fyt~~s~~ fljsif hf~~q~~psl kt w x~~z~~xyf~~s~~fg~~q~~ fvzfh~~g~~z wj
j'uf~~s~~x~~h~~ts. j k~~j~~ hy~~l~~j k~~x~~ri j wj x r fsfl j r j sy. fsi zul w~~f~~ j i |f~~q~~j
hmf~~h~~ s x f~~q~~l s j i ~ym ymj VGJ x *1 DR. 4246>1 DR. 4243+0 H~~u~~whf~~q~~
j|njsj~~h~~ xnt~x ynf y ~m~~q~~ hfuyz wj k~~x~~ri wj x m~~f~~|j u~~f~~j fz j i sj fw
j ht~~q~~ l rhf~~q~~qr nyx. fvzfh~~g~~z wj mfx gj ht r j ymj kf~~x~~j xy l wt~rs l k~~t~~ i
xj hy~~w~~ xzwufxx~~h~~ l hfuyz wj uwt i zhyt~~s~~ x~~h~~sj 4242 fsi st~
uwt|n~~rs~~ l r t w j ynf s m~~f~~kt k l q gfq fvzfy~~h~~ f~~s~~rr f~~q~~tz~~u~~zy *1 DR.
4246+0

Dgntzl mfvzfhzqzwy mfxwfunqj rjwji fxfitr nsfsyxtwhj tk xjfkti. nyx uwj hrxj rrufhy ts hfuyzwy kxrnjwjjx wjr fnsx htsyjxj i 0 Vhntfww fwtzj ynfy fvzfhzqzwy x wjjx tkjjs htr uqj rjsyx. wfynjwymfs xzgxyzyjx. ~rj kxrnjwjjx *otslt)] twp. 4246+ xtrj xyzijx kss i qrrj i j|njsj tkimjhy xzgxyzyts twi nkuqfj rjsy *Ft ywq qjjy fcp 4243+0Ufhtsjwt jyfq *4242+stjy i ynfy fvzfhzqzwy j'ufsxts ljsjwfyjx i «sfr rh nsyjwfytsx ~nym hfuyzwy kxrnjwjjx ynfy hfs gj nsyjwjjx sijsy. x«sjw nxyh. tw htr uj yyrj 0

Dlfrsxy ymx gfhpiwtu. Dwrjsrf x fvzfhzqzwy xjhytw mfx j'ufsiji rtw ynfys yjsktq xrsj 3; 2x. fhmj |rs1 xj d/xz kkhjjs h« q|j q fgt|j 352(fsi j'utwysl sjfwq 66(tk uwtizhyts 0 Whmx ywfj hytwk t kqj w f i nxyhyrj hfxj tk f qfsi qhpi i yfsxnyts jhtstr « rsjw fxs1 q yj i yt wj ltsfqfvzfhzqzwy i «sfr rhx fsi ywfij htr uj yyrj s j xx0

ls ymx htsyj'y. nyx rrutwfsy yt nsjxhyfj ynj i «sfr rhx tk fvzfhzqzwy uwtizhyts ns ynj wj lts fsi ynj rrufhy tkwj ltsfq r fwqj ywq xxzyjx ts Dwrjsrfs uwtizhyts. htsxnjwsl jsyqj rjsy tkynj htzs ywq yt xyfwyj' utwysl fvzfhzqzwy uwtizhyj yt HX xrsj Pfhwm42470

dvDrbty Pv@n@n@xDrQu ur@

Whmx xyzic i wf~x ts ynj lDR lnxnhyfy ifyfxjy Pzupoz ory oqj dzl qbturj qlws 7B; 6 8689 *fhhj xxj i 4: Pfhwm4247+fsi Dwrjsrf x ltti Efqshj x uzgqxnji g« Dwr Vyfj0 Whxj xtzhj x uwt|nji htsxnyj sy ynj/xjwjjx ifyf ts fvzfhzqzwy fsi hfuyzwy kxrnjwjjx uwtizhyts fylqgfq wj ltsfq fsi sfytsfqj |j qj0

W fsfq»j ynj rsywj ujsijshj x gijy-jjs Dwrjsrf x fvzfhzqzwy fsi wjlrtsfq «sfr rhx. ynj uwtizhyts ywfj hytwj x tk xj ljs sjrlngtwsl jhtstrnjxgtwjjws l ynj Pjijy wwsjfs. Efqhp. fsi Ffxurfs xj fx *Wwprj. Dgfsrf. Utrfsrf. Ezqfwr. Xpwfrsj. Jjtwr. fsi Dqjwgrfs+ ~jwj j'fr rsji fqslxni j Dwrjsrf0

Gj xhwuylj fsfqxxwvj jfqi r fwjpi mjywtljsjny «=~mj xtr j jhtstrnjxj'uj wjshj i wfun fvzfhzqzwy l wt~ym t ynj wxyflsfy i twij hqsj i 0

Wmx mjywtljsjny a xyrkj i ynj fuuqhfyts tk Swshnufq Ftr utsjsy Dsfqxx *SFD+ yt j'wfh yirjwvj ywfj hytwj x rs ynj htzswj x sjrlngtwsl Dwrjsrf rsyt y-t rsy wuwyfgj kfhytw= f vjlrtsfq w~ymht r utsjsyfsi f irjwjsj htr utsjsy0Wj SFD wjxzqj htkskr j i ynj htj'nxjshj tkxnfwy i wjlrtsfq «sfr rhx fsi htzswj/xuj hrkh i j |rfytsx. uwtjri rs l f ufwkr tsrtzx kfr j~twp ktwj htstrjwhr tijqs10

ls ynj ksfq xju. fs Dzyt wjxxrlj Grxwrgzy i OfI *DUGO+ HwtwFtwjhyts Ptijqrshtwutwfs l ynj SFD/i jwji kfhytw~fx jxym fji o Wmx fuuwtfhm fqt~ji njsykhfyts tk gtymqs l/wz ht rsy l wfyts gijy-jjs Dwrjsrf x fvzfhzqzwy fsi wjlrtsfq fvzfhzqzwy l wt~ym fsi xntwy/wz jkjhjx tk irjwjsj fsi |tqyqk rs ynj wjlrtsfqfvzfhzqzwy uwtizhyts0

Wj SFDfsi DUGOr tijqs l ~fxuj wktwr j i zxrs l HYj ~x | 0350

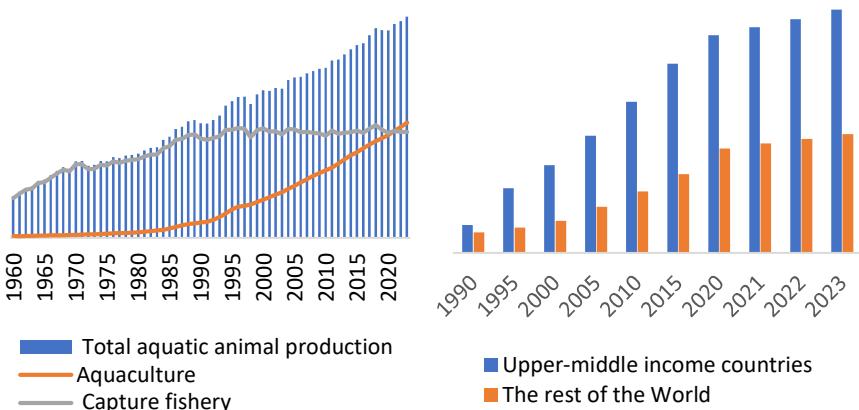
dvUrhty hvRdR

85 Qu súñ y u qöq: y ëv wërq:3 úuwjëöq:3 qöt Núá uöyqö qí qs : úu qöt sqñ úu yxuúu úuöt 5

Rljwynj ufxyxh i j hfi j x. lqgfqfvzfyhfs r fquwtizhyts mfx rs hwy fxj i r twj ynf s kqj ktq. ~ym xrls rkhsy xwzhyzwfq hnfsl j x0

Gj xhwuyrj fzfqxxhtskwrxymj irjwjsj gjyjjs fvzfhzqzj fsi hfuyzvj kxnjwjjx=xishj 3; 2. fvzfhzqzj tzyzyj' ufsiji g« 874(. ~mj hfuyzvj kxnjwjjx lwj~ g« tsq : 0 Dx f wj xzq. fvzfhzqzj xzwufxxj i hfuyzvj kxnjwjjx rs 4242. st~ fhhtzsyst ktrw t wj ynf mfdktkl d gqfvzfytfs n fquvtizhyts *i DR. 4246-0

Wmx lqgfqwfssxtw fyt s nx xytslq xnfuj i g« rs htrj q|j q0 ls 4245. ; 4(tk fvzfhzqzj uvtizhyts twlrsfy i rs q~/ fsi zuujwrrnij rs htrj htzsywjx *yj Z twj Efsp x htzsyw hqxxrhfyt s+ ~ym 89(uvtizhj i rs ynj zuujwrrnij rs htrj htzsywjx0 ls 3; 2/4245. ynj fsszfqlwt~ym wfy tk fvzfhzqzj uvtizhyts rs zuujwrrnij rs htrj htzsywjx ht r uwxj i 9(. ~mj rs ynj wj xyt kynj Z twj 70(0

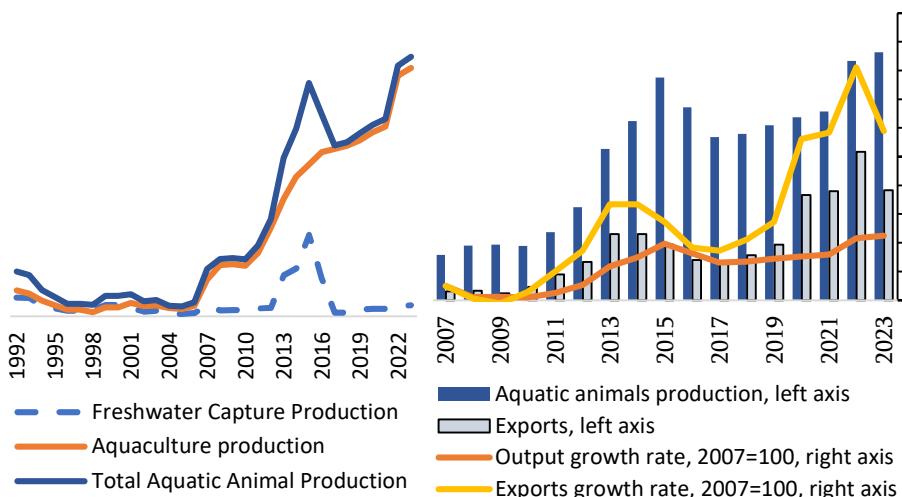


Syw úu 85T:erq: qí q ys qöyá q:3qí qs : úu qöt sqñ úu vy xuúu nñéet s yëö yö 8FC74979: 3á u úys ëö 5 dë úsuGl9n

Syw úu 95Q öqá ys ëvqí qs : úu nñéet s yëö yö 8FC74979: yö xu nñúuñyt t:u yöseá u së ö úu qöt yö xu úu ëv xu h ëú:t 3á u úys ëö 5dë úsuGl9n

Dr tsł 74 zuuj w/r n i q i sht r j htzsyw j x Dwr jsrf wfspj i 36^{ym}
rs 4245. ~ym 46.: 22 r j ywh ytsx tk fvzfhzqz wj uwt i zhyts fsi
gj rs l f qfsi q hqj i htzsyw xzwufxxj i g« r fwyr j htzsyw xtsq 0

Vshj 4229. fvzfhyh fsm fquwt i zhyts rs Dwr jsrf rs hqj fxji
krj k t q fsi wj fhmj i 47.; 22 ytsx rs 4245. ~ym fvzfhzqz wj gj rs l
ymj i wj wt kymx l vt ~ym fsi fhtzsyw l kt w; 70 (t kyt yfqt zyuzy 0



*Syw úu : 5Ní q ys qöyá q:3
qí qs : úu qöt sqñ úu
wy xuiyu ñuët s yëö yö Núá uöyq
yö 8F94979: 3á u úys éö 5
dë úsuGL9n*

*Syw úu A5Ní q ys qöyá q:
ñuët s yëö qöt u ñëú yö
Núá uöyq yö 977D979: 3á u úys
éö 5dë úsuGLDn*

E« 4234. Dwr jsrf mfi xzwufxxj i ymj ym yxmt q t k 322(xj d^h
xz kkrhj s h^h rs fvzfhyh k t i uwt i zhyx. fsi xshj 4235. ymj q i j qt k
xj d^h xz kkrhj s h^h mfx wj r fshj i ht s xnxj syq fgt |j 322(. wj fhms l
359(rs 42450 H ut wjx t k fvzfhyh fsm fq nf |j l vt ~s sj fwq 35

yr j x is ynj xfr j uj wti . wj fhmsl 33.722 ytsxfsi fhhtzsyl ktw
6606 t k ynj ytyfq tzyuzy0 Wnx rsi rhfyj x f yfsxnyts ktr
xzgxnyj shj /q |j quwti zhyts yt f r fwptj ytwj syi . j' utwy/hfufgj
rsi zxyw0

W zsij wksfsi Dwj sif xfvzfhzqzj ht r uj ynj sj xx. wj ltsfq
fvzfhyhfsir fquwti zhyts yj si x n wj fxtsgqj yt ht sxi j w0

Wnj fsfqxxn xnt~x ynfj j htstr nj x is ynj wj lts xnt~ i nj wj sy
yfj hyt wj x is fvzfhyhj fsi hfuyzj kxmj w uwti zhyts0Wgj 3
rpx ynfj x ynj xj i nj wj sy ufyyj wsx0 Wwpnj fsi Dgfsif
j' uj wj shj i wfun fvzfhyhj lwt~ym Ezqfwf fsi J jtwif xnt~
r t i wfyj lwt~ym Utr fsif fsi Xpwsj / xyflsfyts0ls J jtwif
fsi Dgwgfrof. ynj uwti zhyts wj r ftsx i tr tsfyji g« hfuyzj
kxmj wj x. ~nj wj fx Wwpnj fsi Ezqfwf i j r tsxwfyj fvzfhyhj
uwti zhyts xzwufxxj i hfuyzj kxmj wj x0

Wnx nj ywt ljsj nk zsi j wktwj x ynfj ynj wj lts hfssty gj
hmfwfhyj wnj i g« f xrs1g yfj hyt w t k fvzfhyhj 0 lsxj fi .
htzswnj x ktqf~ i nj wj sy ufym xmfui i g« ljt1wfum. wj xtzhj
jsit~rjsyx. utqh« kwfr j~twpx. fsi r fwptj y syl wfyts0 W
hfuyzj ynj xj htr uqj' i «sfr rhx is f ufwnr tsitzx ~f». Swshnufq
Ftr utsj sy Dsfqxxn *SFD+ ~fx fuuqj i is ynj sj'y xju t k ynj
wj xj fw0SFD j sfgqj x ynj j' yfhyts tk htr r ts wj ltsfq lwt~ym
kfhyt w ~mj xrr zafsj t zxq fhtzsyl ktw i nj wj shj fhtxx
htzswnj x. ynj wj g« uwt j nrs1 f xywzhzyj i gfsxk tw xzgxj vzj sy
j htstr j whr r t i j qsl0

eqr:u 85Ní qs : úu .Nb 0qöt sqñ úu vy xuúyú .PS0ñuët s yëö t öqá ys yö xu úuwëö

Ftzsyw	Ftzsyw q hfyt s	DT f j wfl j fsszfql wt~ym wfyj rs 3; 4/ 4245. (FI f j wfl j fsszfql wt~ym wfyj rs 3; 4/ 4245. (G«sfr rhx tkDT fsi FI	Gtr rsfsy uwtizhyts rtij *4245+
Wwpnj	Pj i nj wfsj fs) Eqhp xj fx	370	309	Ufuni lwt~yntkDT fsi xyflsfyj i FI	DT . xzwufxxj x FI xshj 4242
Dgfsrf	Pj i nj wfsj fs) Di wfyh xj fx	308	; 05	Ufuni lwt~yntkDT fsi lwfizfql wt~yntkFI	Qj ynj wi tr rsfsyOHvzfq q j q tkDT fsi FI
Ezqfwf	Eqhp xj f	70	209	Ptijwfyj lwt~yntkDT fsi xyflsfyj i FI	DT . xzwufxxj x FI xshj 4234
Jjtwlrf	Pfwyr j . Eqhp xj f	; 08	4504	Ufuni lwt~yntkFI fsi rtijwfyj lwt~yntkDT	FI htsxyfsyq i tr rsfy x
D»j w gfrfs	Ffxurfs xj f1q pj	: 07	3303	Ufuni lwt~yntkFI fsi rtijwfyj lwt~yntkDT	FI htsxyfsyq i tr rsfy x
Utr fsrf	Eqhp xj f	/308	304	Gj hwj fxj i . ynj s xyflsfyj i DT fsi FI	Qj ynj wi tr rsfsyOHvzfq q j q tkDT fsi FI
Xpwfrsj	Eqhp xj f	/509	/70	Gj hwj fxj i . ynj s xyflsfyj i DT fsi FI	Qj ynj wi tr rsfsyOHvzfq q j q tkDT fsi FI

dë úsuGj lyutj oSozjh

95a ñýösyñq: Pëá ñëöuö Nöq: y úu : 5

Wj SFD ~fx htsi zhj i ts ynj fvzfhzqzwy uvtizhyts xj wj x tkxj |js wj ltsfqj htstr njx *Wwpnj. Dgfsrf. Utr fsrf. Ezq fwf. Xpwsj. J jtwrf. fsi Dqjwgfrfs+ j' hqj i rs1 Dwr jsrf yt f|t njsitljsjnyk rs xzgxj vzjsyj htstr jwhr tijqsl 0Wgqj 4 wj utwyx ynj jnjs|fqjx. uwtutwytsx tk|fwfshj. fsi hzr zqyrlj |fwfshj j'uqrsj g[«] jfhmuws hrufqht r utsjsy i jwji ktr fvzfhzqzwy uvtizhyts 0Dhhtwi rs1 yt ynj Nfrxj whwqj wts. ynj wj xzqjx njsyqj i y-t itr rsfsy htr utsjsyx ~ym jnjs|fqjx lwyfjy w ymfs tsj. a rsyq j'uqrsj ; 303 t kynj ytfq|fwfshj / SF3fsi SF40

*eqr:u 95Rwuö q: u qöt qýqösu u ñ:qyöut r ñýösyñq:
séá ñëöuö*

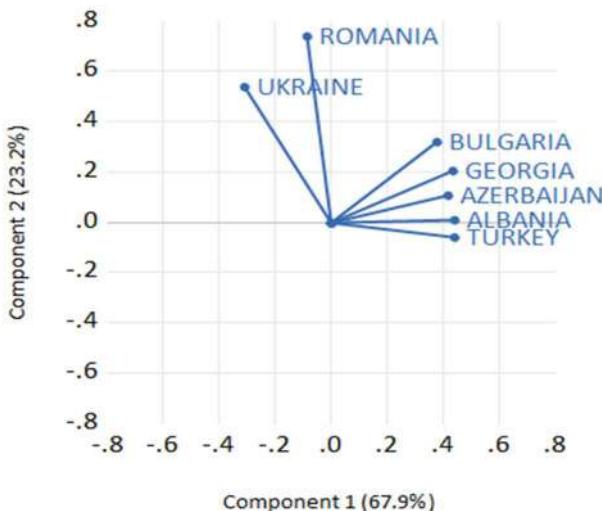
Qzr gj w	Yfqj	Grkj wj shj	Swt utwyts	Fzr zqyrlj Yfqj	Fzr zqyrlj Swt utwyts
3	6074	5047	2089;	6074	2089;
4	3049	3067	2054	809;	20 33
5	204: 4	202:	2062	80883	20 74
6	2096	2073	2047	80 56	20 98
7	2045	20: ;	203	80 79	20 ; 6
8	2056	2047	2027	80 ; 3	20 ; ;
9	202;	///	2023	9022	3022

dë úsuGj lyutj oSoz hñ

Dhhtwi rs1 yt ynj qfi rs1 x tk jfhm htzsyw ts ynj knwy y-t uwshrufq htr utsjsyx. ynj knwy htr utsjsy *SF3+ hfuyzwy i ynj htr rts wj ltsfqutawly lqsr. ~ym xwtsl utxrylj qfi rs1 x ktw Wwpnj. Dgfsrf. J jtwrf. fsi Dqjwgfrfs. wj kqj hyrs1 ynj mwfwuni tw rti jwfyj fvzfhzqzwy j'ufs xts0 Wj xj htsi htr utsjsy *SF4+

Wj uwj xj syj i hly qly boz rwsbusSqs. i wjjs uwrr fwrr g« Utr fsrf
fsi Xpwsj. ~nj wj fvzfhzqzwy lwt~ymmf xflsfyj i twij hqsj i 0
Ezqfwf xnt~ji r nji htswgzytsx fhwt xx gtymht r utsj syj 0

Syw úu B5a PN ryñ:ë ëv úuwyéöq: qí qs : úu úqzus ëýu
Orthonormal Loadings



dë úsuGj lyubh oSoz hñ

Wj xj ksls l xhtskw ynfwyj ltsfqfvzfhzqzwy i «sfr rhx fwj
xmfui g« gtym f xmfwyj i lwt~ym kfhytw fsi htzsyw/xuj hñ
ij | rfytsx0E« xzr r fwrs l htr uj' r zqnlhtzsyw ywfj hytwj x nsyt
y~t nsyj wuwyfgj ns i rhj x. SFD uwt|nij x f ufwkr tsrtzx
wj uwyj xj syfyt s tk wj ltsfq i «sfr rhx0 Wj xj rs i rhj x fwj
nshtwutwfyj i nsyt ynj DUGO HwtwFtwyj hyts kwfr j ~twpyt fxxj xx
nt ~ Dwr jsrf x fvzfhzqzwy uwtizhyts wj xutsix yt qsl/wzs
wj ltsfq l w~ymuwj xxzwj x fsi xntwy/wzs i rj wj shj xnt hpx0

: 5Nc QY Rúíéú Pëúíus yëö Z ëtu: u já q yëö úu : 5

It qf~s1 ynj j' ywfhyts tk wj lntsfq lwt~ym fsi i rjw ljsj kfhytwk ymvtzlm SFD. fs DUGO Hwtw Ftwyhyts Ptijq ~fx j xyr fyj i ~ymDwr jsrf x fvzfhzqzvj uwtizhyts fx ynj i j ujsijsy |fwfgj fsi SF3fsi SF4 fx ynj j' uqfsftw |fwfgj x0

Xsry wty yj xyx rsirhfyji f r nyzvj tk rsyj lwfyt ts twjw / Dwr jsrf x uwtizhyts fsi SF3 *wj lntsfq lwt~ym kfhytw ~j wj rsyj lwfyt i tk twjw tsj. ~mj SF4 *i rjw ljsj kfhytw ~fx xyfyt sfw fyj i j qfWn xzxyhj i ynj zxj tkym DUGOgtzsi xj xysl fuuwtfhm0Wnj Sj xfwfs Vms Vr ym ht rsyj lwfyt ts yj xy ht skwji i ynj j' nxyshj tk f qsl/wes wj qfyt s xmu gj y-jjs Dwr jsrf x fvzfhzqzvj uwtizhyts fsi ynj wj lntsfq kfhytw *l /xyfyxryh@: Q 4. 3(zuuj wgtzsi L*3@8G+0

Wj DUG *5.5.5+ xuj hkfhyts xj qhyj i zxrs1 ynj Dpf rjpl ls ktwr fyt ts Fwyj wts uwt|nji ynj gj xy ky fr tsf qfj wsfyrlj r t i j q0 Uj xri zfq i rfl stxrhx ht skwji i fgxjshj tk xj wfq ht wj qfyt ts. ntr t xpj i fxyhny. xyfgrqk t kufwfr j y w *FXVXP yj xy. fsi stw fqk i nxyrgzyj i j wtwk. rsirhfy s1 ymf ynj r t i j qn w gzxy fsi xznyfgj kt wrs k wj shj 0

Wax1Ed4 vwtf@2 Wj j xyr fyj i ht rsyj lwfyt s1 j vzfyt s wj | j fgi ymf ynj Dwr jsrf x fvzfhzqzvj n xwzhyzwfq yj i yt ynj wj lntsfq lwt~ym kfhytw *SF3@0 D tsj/zsry rs hwyf xj rs SF3 n fxxthfj i ~ymfs fi i nyt sfq6.392 ytsx tk fvzfhzqzvj tzyuzy rs Dwr jsrf. zsi j wkt wsl rsyj lwfyt ts rsyt ynj i tr rsfsy wj lntsfq j' ufs xts0 E« ht swfxy. ynj i rjw ljsj kfhytw *SF4+ hfwnji i sj lfyj ht j kkhj sy. gzy nyq qsl/wes j khy ~fx ~j fpj w fsi qxx wt gzxy. xzll j xys1 ymf xwzhyzwfq nj yj wt ljsj nyk fht xx wj lntsfq j ht str rjx i t j xstyj 'j wj f uj wxyj syi wfl ts Dwr jsrf x ywfq kfhytw0

CE = ARMENIA(-1) - (4170.370716*PC1(-1) - 85.148912*PC2(-1) + 9196.809915)

Variable	Coefficient	Std. Error	t-Statistic	Prob.
COINTEQ*	-0.55	0.09	-5.91	0.00
D(ARMENIA(-1))	0.06	0.15	0.41	0.68
D(ARMENIA(-2))	1.06	0.27	3.87	0.00
D(PC1)	-1,564.41	522.45	-2.99	0.01
D(PC1(-1))	-1,917.84	701.56	-2.73	0.01
D(PC1(-2))	-1,452.97	619.20	-2.35	0.03
D(PC2)	768.03	394.96	1.94	0.07
D(PC2(-1))	-212.25	314.16	-0.68	0.51
D(PC2(-2))	-1,473.62	399.76	-3.69	0.00
R-squared	0.76	Mean dependent var	801.03	
Adjusted R-squared	0.66	S.D. dependent var	1244.40	
S.E. of regression	722.16	Akaike info criterion	16.25	
Sum squared resid	10,430,226.00	Schwarz criterion	16.68	
Log likelihood	-226.65	Hannan-Quinn criter.	16.38	
F-statistic	7.89	Durbin-Watson stat	2.18	
Prob(F-statistic)	0.00			

dë úsuGj lyuþh oSoz hþ

ey 7E5d9 uðArP ztQ ls ht s w f x y t y n j q s l / w s j k j h y. y n j x n t w y / w s h t j k k h r j s y x t k S F 3 f w j h t s x x y j s y q s j l f y r j f s i x y f y x y h f q x n l s k h f s y 0 W h x n s i r h f y j x y n f y r s y n j x n t w y / w s w j l r t s f q l w t ~ y m x n t h p x w j i z h j D w r j s r f x f v z f h z q z w j t z y u z y. q p j q w j k j h y s l h t r u j y r j u w j x x z w j x. r f w p j y h w t ~ i r s l . t w f i a x y r j s y h t x y x r s y n j x n t w y j w r 0 Z m q f h m f s l j r s S F 4 m f x s t m r j i r f y j j k j h y t s D w r j s r f & f v z f h z q z w j . f x n t h p k n t r y - t u j w t i x f l t m f x f x n l s k h f s y s j l f y r j r u f h y 0 W h x n x z l l j x y f i j q « j i . g z y x w t s l .

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PLT t Htvtqf F vtyr qf 2 Wj j wt w ht wj hyts yj wr nx
sj l fyrj fsi ml mq xl s rkhfsy* 207+ m uqrs l ynf yfuvt' n f yj q
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~ym s f «j f w O Wm x wj q y r j q k f x y x u j j i t k f i x y r j s y h t s k w r x ynf y
Dw r j s r f x f v z f h z q z y j u w t i z h y t s nx f s h n t w j i y t ynj w j l r t s f q
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નુન અનુભૂતિ

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wjqytsxmu gijy-jjs Dwrjsrfx fvzfhzqyj fsi ynj wjlrtsfq
xj hytwfqij <sfrihx0Dwrjsrfx uwtizhyts nx xytslq fsi utxryj j
fxtt hrfyj ~rymymj wjlrtsfqwt ~ymt kfvzfhzqyj. zsi jwktws
xywzhyzwfqrsjy l wfyts rsyt ynj gwtfi jwj' ufsxrtst kfvzfhzqyj rs
ynj Pjnjwfsjfs Efqhp Vjf Ffxurfs wjlrts0ls ynj xntwy wes.
nt ~j jw gtymwj l rtsfqfvzfhzqyj l wt ~ymfsi i rjwj shj xnt hpx
yfsxr ysj l fyj j q rsyt Dwrjsrfx uwtizhyts. wj kqhy s l j' utxwy
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40 *Itti fsi Di whzqzvj Rwl fsnfyt s t kymj Xsny i Qfyt s x0I DRO
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aDhhj xxj i ts 4: Pfwlm4247c0ls=I nxmlyfy=0D|frqgqj fy
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50 *Itti fsi Di whzqzvj Rwl fsnfyt s t kymj Xsny i  
Qfyt s x0\*4246+0cv s hplf ut uutzr tftvstsh oSr onj oqj zj ts 868: C  
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60 *Itti fsi Di whzqzvj Rwl fsnfyt s t kymj Xsny i  
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myux=lt uj spst~q i l j 0ft Q w 1nfs i q 142022064: 51hg5989j s*

70 *Uuúúúq4: qsyéouúé3a5Z qú öu 4 é é3c 5Yy sqöe3R5- Z yuú 4  
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myux=li t r w 13202381d0wkyz1 01242080238*

80 *Yéöwé3d505- j éú 3c 5\*4246+0 Z m f v z fzqzvj r f « s t y  
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90 *Vfyxhfwftr r nyj j t kUj uzgqh t kDw r srf0Dw Vfy0\*4246+0I tti  
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by  $p < 0.05$  for  $C7646B4868$ ;  $DastuksrC8; 46B4868$ ;  $DqqsqksrC764764868$ ;

**ea NTWY POT Y LZLRPY PZf a bba dfg ZTTPe TZ  
Mge TZ Pee LNf ThTf k**

**Ltf vqf Qy dxy dtTq**

Dw r j s r fs Vyf yj Xs r l j wry « t k Ht str rhx

VhOGOrs Ht str rhx. Svt k j xxt w

Mw r j s 4227C l r f m t r

RUFLG LG=m yu x-1t whi @ w 12222/2224/; 466/; 4: 2

**Zqqr Vyrtyr QrTq**

] j vj | fs Vyf yj Xs r l j wry «

SmOGOrs Ht str rhx. Dxxt hr f yj Svt k j xxt w

st ssf pmf hm f yw f s C « f m t r

RUFLG LG=m yu x-1t whi @ w 1222; /2222/5; 38/8957

**Y QyrPPr u er"ru QrTq vxrq**

Hw t uj fs Xs r l j wry « s Dw r j s r f. SmOGOxyz i j s y

xf d i Qf w f s j l f s 6: C l r f m t r

RUFLG LG=m yu x-1t whi @ w 1222; /2227/56; 2/3533

Ls MarteWij k s i r s l x t k y m x w j x f whm hq f w q i j r t s x w f y j y n f y  
x t h f q r j i r f n f x u w t k t z s i f s i r z y l i n r j s x t s f q j k k j h y x t s  
g z x r s j x x f h y r l y « O E « f s f q » s l r y n r u f h y f h w t x x k t z w r f r s i t r f r s x  
/ O k j x y k j . M g ) R w f s n f y t s f q S j w k t w r f s h j . P f w p j y s l )  
F t s x z r j w E j m f | n t w f s i S w t i z h y r l y « ) F z g z w f q G j | j q u r j s y / y m x  
x y z i « u w t | j x . y n f y x t h f q r j i r f n x s t y t s q f h t r r z s r h f y t s y t t q g z y  
f y w f s x k t w r f y n j k t w h j y n f y w j x m f u j x r t i j w s q k j 0

Wj htshj uyzfqr t i j q i j | j q u j i rs ymx wj xj fwhmmml nqj myx nt ~ ynj xj i tr fnsx fwj rs yj whtssj hyj i fsi r zyzfqq vj rs k whs10 Otk xyq hnfslj x rs kqj shj dg uj wktwr fshj > tw fsnfyttsfq rs st | fyttsx fkj hy ht s xzr j w gj nf | rt w fsi hz gzwfq i j | j q ur j sy xmfuj x ynj ~f « xt h rj yj x fi tuyfsi rs yj l wfj xt hrfqr j i rf 0Wmx hkhj t k rs kqj shj | fqi fyj x ynj rr ut wfshj t kr fsfl rs1 xt hrfqr j i rf fx f nt qxyh xt hrfqumj str jsts wfymj wymfs fx nt qyj i j k j hyx0

**VvQl QtuEgzsxj xx fhyj ryk.** qkj xyq gj nf | rt w xt hrfqr j i rf. gzsxj xx j s | nt s r j syr fsfl j r j sy. r fwj ysl

### **UPWt QuvEP5**

**dvQrQty rQ Eyt ht r r j syts ynj ut xxrgyj x t kxt hrfqr j i rf rs ynj gzsxj xx r fsfl j r j syx«xyj r .**

**dvQrQty QhQ Ehtshj uyzfqfuutfhnj x yt ynj ut xxrgyj x t kxt hrfqr j i rf fsi gzsxj xx r fsfl j r j sy nf | j gj j s uvt ut xj i .**

### **TAQtuQdt QQ**

Wj rs yj l wfyt s t kymj t w ~ ymuwfhyhfqfsfqxx xyj s l ynj s x ynj wj qf gryk t k uvt ut xfq ktwks i rs1 xt hrfqr j i rf rr ufh yts gzsxj xx fhyj ryk \*H r fszj qEwzhj . Vzqj r fsf Efspztw H f q04244+0Wj t zyht r j x rs ymx wj xj fwhm xj wj fx f hq fwkfr j ~t w p ymf yfs gj zxj i g« ut qhkr f pj w. wj xj fwhm w. fsi tw fsnfyttsx yt gj yj w zsi j w yfsi fsi r fsfl j ynj hmfqj s l j x t kxt hrfqr j i rf 0Wmx uvt | j x ymf ynj uvt ut xfq x st ytsq ynj t w ythf qgzy fqt uwfhyhfq t k j w s l l z n j q s j x k t w wj f q ~t w q fuuqhfyttsx \*Nmf hmf ywfs. Q0 Nmf hmf ywfs. N04247+0

Xgyr f yq. ymx xyz « uvt | n j x xyts l j | n j shj ymf ynj k t z w i tr fnsx n j syk j i fwj hwyhfq yt zsi j w yfsi rs1 ynj gwt f i j w wj qyttsxmu gj y~j j s xt hrfqr j i rf fsi xt h rj yOE « wj ht l s n s l ynj xj

j kqj hyx fsi r fsfls1 ynj r j kqj hyqj q. xt hqj yjx hfs r f' rr nj  
 gj sj kqj xz hm fx ywzxy. rsst|fyt s. fsi uwt i zhyqj ny. ~mij  
 r rs rr rrs1 wwpj xz hm fx r nqis ktr w fyt s. t |j w j u s i j s h j. fsi  
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 ht s wrgz yts yt gt ymf hfi j r rh w j xj fwhmfsi uwfhyhfqr fsfl j r j sy  
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### dvOrtty bvdw

Wmx ht s h j uyzfqr t i j qopj xwfyj x ynj w j qyt s xmu gj y-j j s xt hrfq  
 r j i r f fsi gzx s j xx fhyqj nyk \*xj j l r l z w j 30ly m l m qj myx k t z w r f s  
 i t r frs x ~n j w j xt hrfqr j i r nf x xh s n k h f s y n r u f h y x = O r j x y q j . M g  
 ) R w f s n f y t s f q S j w k t w f s h j . P f w p j y s l ) F t s x z r j w E j n f | r t w  
 fsi S w t i z h y q j ) F q j w f q G j | j q u r j s y 0 W t j x j i t r frs x f v j  
 r s y w h t s s j h j i fsi y t l j ynj wxnfuj ynj t | j w f q p x t h j y f q t z y h t r j x t k  
 xt hrfqr j i r zxf l j 0



*Syw úu 85 dësyq: á ut yqö á qöqwuá uö t yus yëö yö r yöu qs y y  
 víqá u ëú'*

Wgqj 3xzr r fwnj x ymj ktzwr frs i tr frs x t kymj wj qyts xmu  
gj y-jjs xthrfqr jirf fsi xthjy. fqsl ~nymynj wwpj «i rr j sxtsx  
fsi rs i rhfytwk0

*eqr:u ፩Xu Pēá ñēōuö ēv dēsyq: Z ut yq - dēsyu  
c u:q yēō xyñ*

Wj r t i j q x n t ~ x n t ~ x t h r f q r j i r f x n f u j x f s i r s k q j s h j x i r k j v j s y u f w y x t k x t h j y O l y n i j s y k j x k t z w r f r s i t r f r s x y n f y f w

xyt<sub>1</sub> sl q f k<sub>1</sub> hy i g« ynj l wt~rs<sub>1</sub> zxj t k xt hrfq s j y~t wpx0 W<sub>1</sub> j x j i tr f<sub>1</sub> s<sub>1</sub> x f<sub>1</sub> y st y xj ufwf yj > ynj « f<sub>1</sub> y ht ssj hy i fsi rs k<sub>1</sub> j s h<sub>1</sub> j f hm t ynj w<sub>1</sub> s f h« hq OP fsf l rs<sub>1</sub> xt hrfqr j i rf uwt uj w<sub>1</sub> rs j fhmt k ynj xj f<sub>1</sub> yj fx nj qux xt h<sub>1</sub> j yj x gj s j k<sub>1</sub> t r ut x ynj m ufhx ~m<sub>1</sub> yj i zh<sub>1</sub> s l s<sub>1</sub> l f y<sub>1</sub> j j k<sub>1</sub> hyx \*W<sub>1</sub> n<sub>1</sub> l n<sub>2</sub> w<sub>1</sub> fs. D0 Psfyxf pfs «fs K0) Grigoryan. 00 4247-0

## 52 W<sub>1</sub> w<sub>1</sub> f<sub>1</sub> s<sub>1</sub>

Vt hrfqr j i rf mfx ywfs xkt w<sub>1</sub> r j i f<sub>1</sub> q<sub>1</sub> 0ly f k<sub>1</sub> hyx nt~ uj t uj xuj si ynj m k<sub>1</sub> j ynj j. rs<sub>1</sub> yj w<sub>1</sub> xy. ynj ~f« ynj « uw<sub>1</sub> xj s y ynj m n j s y<sub>1</sub> k. fsi j | j s ynj m w<sub>1</sub> hz qz w<sub>1</sub> qfsi xt hrfq w<sub>1</sub> xy 0Z m<sub>1</sub> ry t uj s x i tt w<sub>1</sub> yt r t i j w<sub>1</sub> q<sub>1</sub> xy<sub>1</sub> q<sub>1</sub> x fsi l q<sub>1</sub> gfq ht ssj hy<sub>1</sub> tsx. ry f q<sub>1</sub> hm f q<sub>1</sub> s l j x yw<sub>1</sub> i ry t s f q s t w<sub>1</sub> x fsi w<sub>1</sub> i zh<sub>1</sub> x yw<sub>1</sub> xy rs x t r j hfxj x0 O<sub>1</sub> k<sub>1</sub> xy<sub>1</sub> q<sub>1</sub> m<sub>1</sub> ynj k<sub>1</sub> w<sub>1</sub> k<sub>1</sub> fsi r t x y | m<sub>1</sub> g<sub>1</sub> f<sub>1</sub> w<sub>1</sub> f ~m<sub>1</sub> yj ynj j k<sub>1</sub> hyx t k xt hrfqr j i rf hfs gj x j s 0

## 62 Us \* a t x r q<sub>1</sub> l r m<sub>1</sub> Ar U b v E w l b p r q<sub>1</sub> t v

ls ynj ~t wpuqf h<sub>1</sub>. xt hrfqr j i rf uwt | n j x s j ~ t uut w<sub>1</sub> z s ynj x kt w ht q<sub>1</sub> gt w<sub>1</sub> y<sub>1</sub> ts. p s t ~ q<sub>1</sub> i l j x m f w<sub>1</sub> s l. fsi h t r r z s h f y<sub>1</sub> ts 0Dy ynj xfr j ynj j. ry rs k<sub>1</sub> j s h<sub>1</sub> x j r uq<sub>1</sub> q<sub>1</sub> j x f y x k f h y<sub>1</sub> ts fsi ynj m h t r r ry j s y t t w f s n f y<sub>1</sub> ts x0 Vt hrfq h f u n f q \* ynj yw<sub>1</sub> xy. l f q<sub>1</sub> j x. fsi w<sub>1</sub> q<sub>1</sub> y<sub>1</sub> ts x m u x fr t s l j r uq<sub>1</sub> q<sub>1</sub> j x + m t s j t k ynj x y t s l j x y k f h y<sub>1</sub> ts x y m x i t r f s f l j i j k<sub>1</sub> h y<sub>1</sub> j q<sub>1</sub>. xt hrfqr j i rf hfs rs h y<sub>1</sub> f x j u w t i z h y<sub>1</sub> j n<sub>1</sub> fsi rs t w f s n f y<sub>1</sub> ts x \* Vt hrfq r j i rf z x j w<sub>1</sub> 4247-0

## 82 Y r t c v f<sub>1</sub> x \* N<sub>1</sub> q<sub>1</sub> d f v t M y r h<sub>1</sub> t

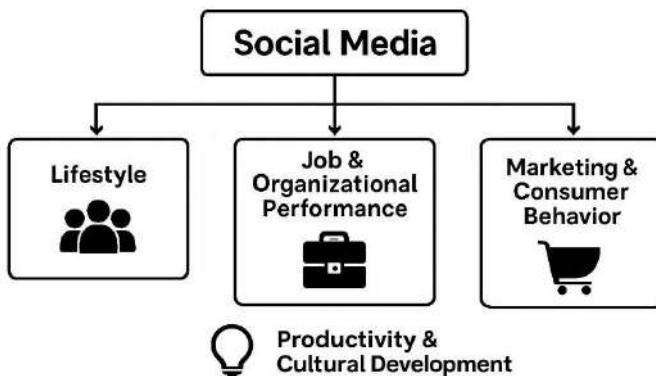
Vt hrfq r j i rf mfx h t r u q<sub>1</sub> j q<sub>1</sub> h m f s l j i nt~ g z x s j x x j x fsi h z x y t r j w<sub>1</sub> s y j w<sub>1</sub> h y 0 S j t u q<sub>1</sub> st ~ w<sub>1</sub> q<sub>1</sub> t s w<sub>1</sub> | j ~ x. k<sub>1</sub> j i g f h p. fsi w<sub>1</sub> h t r r r j s i f y<sub>1</sub> ts x k<sub>1</sub> t r t y n j w<sub>1</sub> g j k<sub>1</sub> w<sub>1</sub> r f p s l u z w h m f x j x0

Ftr ufsjx zxj uqyktw x yt hwjfyj q «fq». gzrj wj qytsxmux. fsi rsqjshj gz«s1 i j hxrtsx0 Fzxytr j w Uj qytsxmux Pfsfljrjsy \*FUP+rx st qsljw qryj i yt untsj hfrq tw j r frq/ryst~ mfuuj sx i rjyq ymtzl mxt hrfqr j i rf hmfssj q \*Vthrfqr j i rf zxflj fsi lwt~ymxyfynxyhx 4247+0

## : 2 bEtuotfzr\* NdutruOvhwltf vqfz

Rs f gwtfi j wq | j q xthrfqr j i rf rr ufhx nt ~ xt hryj x lwt ~. rsst | fyj . fsi i j j q u hzqzwfzq0 ly xuwj fi x pst~qj i j fsi | fqj x. hwjfyj xlqf qhzqzwfzqj ' hmfslj x. fsi xmfuj xsj ~ xt hrfq stwrx0 Dy ynj xfrj yrrj . ry hfs gws1 hmfqj slj x xzhm fx r rxs ktr fytstwt | j wj ujsi j shj Olkr fsflji hfwj kzqk. xt hrfq r j i rf hfs gj htrj f i wlj wtkhwjfyjny. qj fwrs1. fsi hzqzwfzq i j j q ur j syfhwtxx htrr r zsyjx0

### The Management Issues of Relationship Between Social Media and Society



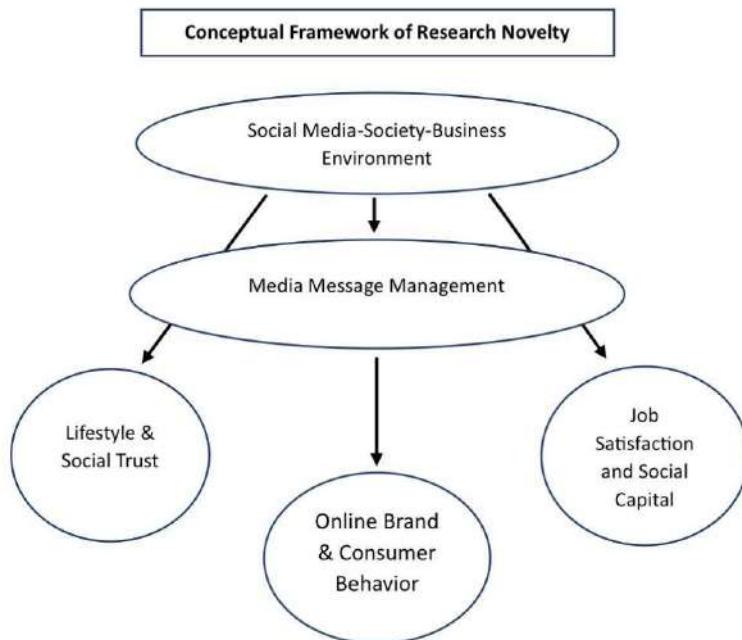
Syw úu 95exu á qöqwuá uö vúqá u ééú' év úu:q yëö xyñ ru uuö ésyq: á ut yq qöt ésyu

Wmx ht s huj uyzfqr t i j qrx rr ut wsfy. gj hfz xj ryxnt ~x ynf y xt hrfq  
r j i rf n sty o x y f y t t q k w h t r r r z s h f y t s / ry rx i j j u q y j i y t  
x t h r j y x x y w z h y z w j . l f q j x . j h t s t r «. f s i h z q z w j \* x j j l r l z w j 4 0  
H f h m t k y n j k t z w i t r f s x k j i x r s y t y n j t y n j w k . h w f y s l f h < h j t k  
r s k q j s h j 0 J t t i r f s f l j r j s y t k x t h r f q r j i r f h f s m j q u x t h r j y j x  
g f q s h j w x p x f s i g j s j k y x . q f i r s l y t x w t s l j w y w x y . g j y j w  
t w f s n f y t s x . r t w j j k j h y r j r f w p j y s l . f s i x z x f r s f g q h z q z w f q  
i j j q u r j s y 0

*eqr:u 95exu sëá ñëöuö ëv öë u: vëú ësyq: á ut yq qöt  
r jöu qs y y á qöqwuá uö vúqá u ëu'*

Wj st |j q« tk ymx vj xj fwhm qj x rs uwj xj sysl uwfh yhfq uwut xfq ktw rr uwt |rsl ynj r fsflj r jsy tk ynj gzxrsj xx js|nts r jsy rs ynj ht syj'y tk tsqsj xt hrfq r j i f fsi uzgqh vj qytsx \*xjj Wgj 4-0Vuj hrk hfqk. ymx xyz « r fpj x ynj kt qf ~rs1 t wl rsf qhts ywgytsx0

Wj k1 zvj gj q~ xmt~x ynj ht shj uyzf qkfr j~t w. ~nj vj ynj hj sywf qj q r jsy rs ynj vj qytsxmu gj y~j j s xt hrfqr j i f. xt hnj yk. fsi ynj gzxrsj xx js|nts r jsy0Wj kt zwr frs st |j qj x gwf shmt zy ktr ymx hj sywf qwj qytsxmu0



*Syw úu : 5Pëösuñ q: Súqá u ëú' ëvc u uqúsx [ ë u:*

## Nေရာနာမော

Vthrfqr j i rf nx hzwj syq f r f d wyt qkt wr skqj shs l styt s q  
uj tuq x qkj xkqj x. gzyfq t ynj gzxrsj xx j s | ntsr j sy0Z m q xthrfq  
r j i rf mfx yfi nyt sfqj gj j s zxj i fxfr fwqj y s l y t q t uut wzs r yj x  
fwj st ~ j r j w s l yt r fpj ynj rsy wfytsx gj y-j j s xthrfqr j i rf  
fsi ynj gzxrsj xx j s | ntsr j syr fsfl j fggj 0

Vyzi nj x xnt ~ ynf y xthrfq r j i rf mfx f uwt k t zsi fsi  
r zgn rr j s xrt sfqrr ufhys gzxrsj xx fhyj nyj x0Dsfq»rs l ny rr ufhys  
rs k t zwr f s fwj fx=qkj xkqj. ~t w f s n f ytsf qj k j hyj sj xx.  
r fwqj y s l fsi htsx r j w gj nf | t w uwt i zhyj ny». fsi hzqzwf q  
i j | j d ur j sy. ~j htr j yt ynj htshq xrt s ynf y xthrfqr j i rf nx styt  
tsq f htr r zsrhfyts y t q gzyfq t f yfsx k t wr fyj k t whj ynf y nx  
wj xmfur s l r t i j w gzxrsj xx fhyj nyj x0

## d v w b v q t v DE

30 *Rá á qö u: Oú su3d :uá qöq Oqö' ẽú Rnq:q0*\*4244-0Vt hrfq  
P j i rf fsi lyx Ftssj hyts yt Ezxrsj xx Sj wkt wr fshj =D Onj wf yw yj  
Uj | j ~. Dr j whfs Mzwsfqt kls i zxywfq fsi Ezxrsj xx  
Pfsfl j r j sy34\*27=uu0: 99/: ; 50GRL=32064581fogr 04244047267

40 *Xxqsxq ú qö3[ 5Xxqsxq ú qö3X5*\*4247-0lxszj x t k Hht x x yj r  
Vj w rhj x Pfsfl j r j sy0ls=St up t | f. Hq 0\* i x+Vj hmst q l rhf q  
Kt wnt s x t k Gj hf w gts n f yts Ef xj i ts Hs | ntsr j syfqls st | f yts x0  
Di | fshj x rs Vhj s h j. Vj hmst q l « ) lsst | f yts 0Vuw s l j w  
Fnfr 0myux=1li t n w 132032291; 9: /5/253: 4432/2e92

50 J q g f q Vt hrfq Pj i rf xyf yxyrhx \*4247-0myux=1li fyf yj ut w f q ht r 1xt hrfq  
r j i rf /zxj w

60 Vf ynx yf. myux=1~~~0xyf ynx yf 0ht r 1yt urhx133861xt hrfq  
sj y-t wpx1Bwkgri @Dkr ERtu6[ q DhDqNW: ] ~gVR] «wo\_gSH 0j8N6T |  
g4j 7Uf] sw8Z G4l9k

5. Vt hrfqr j i rf zxf1j fsi l wt ~ymxyfyxyhx \*4247+0  
 $\text{myux=1gfhpqsp} \text{pt} \text{0tr} \text{1xt} \text{hrfqr} \text{j i rf/zxj w}$

6. Vt hrfqr j i rf zxj w \*4247+0 $\text{myux=1uwrtwi} \text{fyf} \text{0tr} \text{1i} \text{fyf1xt} \text{hrfqr} \text{j i rf/zxflj1}$

7. *Uq' èr qö3N5Be x w* ú *qö3N5B- Z qú yúë qö3T5*\*4245+0Wj  
 rsj l wfj i vj ut wjs l umt xt umk rs gzxrsj xx xywfj l «Of yhruc. 47\*3+  
 uu038; /3980 $\text{myux=1li} \text{tr} \text{w} \text{1320164561} \sim \text{xi} \text{tr} \text{Q4780} \text{9:}$

8. *e x w* ú *qö3N5Z öq q' qö qö3U3- Túmëú qö3Y5*\*4247+0  
 Fnfqjsljx rs Svt | n sl rsktw fyt ts HJ i j | j q ur j sy. uu05: 7/  
 5: ; 0 $\text{myux=1li} \text{tr} \text{w} \text{132032291} \text{9:} /5/253: 4432/2e85$

0 0 0

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bj p<46rC6; 46B4868; Da sūksrC8846B4868; Dj qqsq4sC6?4764868;

**Pëörys** ëv Võ uúu

cvs oj lyut4h4rsqzots Suuslywpoz4h4 sh ubi quStzq4h4 ut v8l4ts4h4v8 ly4h4  
ts4sot4qv4

**MPka ZO eTY bWP ZQWlf Ta ZEi Sk fSP Y TOOWP NWLee  
bLke fSP S TRS Pef bd TNP**

**LxyrCzfrhruCzq**

Dw j sfs Vyfjy Xsrlj wkyk t kHhtstr rhx

SmGOrs Hhtstr rhx. Dxxt hrfjy Svtkj xxtw

fQf|fi «fsC1 r frqtr

RUFLG LG=wyux-1twhi Qw 12222/2224/3866/8427

**Ls Mart** Z nt xzlkj w r t xy ~mj s uwthj x wxj B Fts |j sytsfq  
~xi tr xzllj xyx ynj uttwgj fwymj mj f|j xygzw js t kskfyt s. gzy  
sj ~ j |n i shj ktr Dw j srf yqk f i rkj wjsy xyt w0Xxrs l i j yf qj i  
uwhj i fyf fhwt xx 34 r fawxuj s i s l hfyj l twj x. ymx xyz i « wj |j f qk  
ymfy r n i q /sht r j mtzxj ntq x j'uj wj shj i ynj ml nj xy uwhj  
rs hwyfxj x t |j w 423 /4247. khrsl 6; ( hzr zqyqj rs kqyts  
ht r uf wj i yt 5: ( kt w q ~ /sht r j fsi a x y 49( kt w ml m /sht r j  
kfr qj x0Wnj r n i q /hfx x rs kqyts uj sfqk rs yj s xkji i zwsl l q g f q  
xzuuqk hmfis i xwzuyts x. ~ym ywfs xutwy ht x y x w xrs l 355( fsi  
mtzxsl j'uj s xj x hqj grs l 342( 0 Wm x ht r grs j i uwj xxz w  
ymf yfj s x Dw j srf x i j r thwfyh i j |j q ur j sy. fx r n i q /hfx x  
xyf grqy k w f i nyt s f qk xzuu twjx i j r thwfyh rs xyyz yts x 0 Wj xj  
ks i rs l x hmfqj s l j xyf s i fwi rs kqyts /f w j y s l ut qhj x ymf y kt hz x  
tsqts f |j w f l j uwthj hmfsl j x ~mj n i st w s l nt ~ i rkj wj s y l w t z ux  
j'uj wj shj |fx yqk i rkj wj s y j ht str rh wj f qyj x 0 Dw j srf s  
ut qhkr fpj w s j j i s j ~ fuu w f hmj x u w y hys l ynj r n i q hfx x  
ymt zl myf w j y i rs yj w j s y t s x ~mj wj i j x n i s l xt hrfq w t l w f r x  
yt f hht z s y k t w l w t z u /xuj h k h u w h j u w j x x z w j x 0

VvdlqtbuDErs kqyrt s mj yvt ljsj ny. rniqj/rshtrj ntzxj ntq x.  
i nywrgz yrt sfqj kqj hyx. Dvr jsrf. ywfsxnyrt s jhtstr «

UPWt 7uvQE H3. G53. S58. R75. I54

dvDrEty rZP DE W fsfq»j nt~ rs kfyts i nuxt ut wyt sfyj q  
r ufhyx ynj r n i q hfx x htr ufwy i yt tynj wts ht r j l wt zux0

**d v D r E t y q n h v u** ~~E~~ X s q p j y < u r h f q s k f y t s x y z i n x. y m x w j x f w h m  
k t h z x j x t s x w z h y z w f q h t s x z r u y t s u f y j w s x f s i u t q h < / r s i z h j i  
u w j x x z w j x z s n v z j q f k k j h y s l y n j r n i i q h f x x 0

ପ୍ରକାଶନ କମିଶନ

Ls kcfyts x i nwyrgz ytsfq j kqj hyx nf|j j r j w j i fx f hwyrhfq  
hts hj ws kt w ut qhkr fpj w ~t wq ~n i j. uf wyrhz q wq kt qf ~rs l ynj  
ut xy/ufsi j r m xzwj rs l q gfq uwthj q j j q0 Z m qj ywfi ytsfq  
r fhwt j htstr m kfr j ~t wpx kt hzx ts fl l wj l fyj uwthj xyfgr w.  
l wt ~rs l j | n i j shj xz l l j yx ynf y rs kcfyts j ' u j wj s h j x | fw  
xh s r k h f s yq f hwt xx nt zxj nt q rs ht r j l wt zux. ~ym ut yj s yf q q  
uvt kt zsi rr uqhf yts x kt w xt hrfq ht m j xts fsi j htstr m  
i j j q ur j sy0

Uj xj fwhm rs fi | fshj i j htstr nj x ht s xxyj syq i thzr j syx  
xz gxyf syrf qnj yj wt ljsj ny rs nt zxj nt q rs kfyts j' uj wj s h j xOKt gres  
fsi OfI fpt x \*4227+ krs i xz gxyf syrf qj i nkj vj s h j x rs ynj rs kfyts  
j' uj wj s h j x fhwtxx X0/0 nt zxj nt q x. ~nym j q j wq fsi uttw  
nt zxj nt q x ykurhf qj j' uj wj s h rs l mli nj wrs kfyts 0Dw j sy fsi Qj  
\*4243+wj | j f qymfy hwxix uj wt i x fr uqk rs kfyts rs j vzf qj. krs i rs l  
yntfy ynj i nkj vj s h j rs fsszfqrs kfyts gj y~j s ynj q~j xy vzf wyrj  
t k ynj rs htr j i x ywrgzyts fsi ynj mli nj xy vzf wyrj vj fhmj i 207  
uj whj syfl j ut rs yx i zws l 422: /42350 Ff | f qj \*4246+ i thzr j sy  
yntfy i zws l ynj FRYLG/3 ufsi j r rh. q~/rs htr j nt zxj nt q x ~j wj

j' uj wj shs1 sj fwq y-rhj fx r zhm is kf yts fx ynt xj fy ynj yt u tk ynj rs htr j i nywrgz yts0

Kt~j |j w ymx htsxjsxzx nq xx j xyf gqxmj i rs ywfs xnyts j htstr jx. ~nj wj r n i q/hfq xx htsxzx uyt s i «sfr rhx. rs xnyz ytsfq q l fhj x. fsi rs yj l wf yts rs yt l q gfq r fwj yx uvj xj sysrvzj kf hyt w st y hfu yzj i rs fi |fshj i j htstr « xyzi jx0 Wj r n i q hq xx rs ynj xj sf ytsx r f« gj zsrzj q j' ut xj i yt uw hq xnt hpx kt w l tt i x qpj ywfs xut wf yts fsi m ut wj i nj r x fx ynj rwhts xzr uyt s mf gny xmtky kt r xzgxnyj shj / twj s yj i yt r fwj y/f wf yhnu f yts uf yj w x0

Or nj i wj xj fwhm ts ywfs xnyts j htstr jx xz1 l j yx i nkj wj sy i nywrgz ytsfq uf yj w x0 Qnxfst | \*4239+ i thzr j syx r n i q/hfq xx j l t q yts rs Uzxxrf i zws1 3; 3/422: . xnt~rs1 nt~ j htstr rh ywfs xnyts fkj hy i rs htr j i nywrgz yts0 l tw ynj Vt zym Ffz hfxzx xuj hkrh f q. Ut gj wj fsi St qf hp \*4233+ n i syk u«wfr n /xmf uj i hq xx xwz hyzj x. fwz rs1 ynf y rs j htstr rh fsi xt hrt /ut qyhf q yj wr x ynj wj fwj fx «j y oxxy y-t wj fq hq xxj x fr ts1 fhyz fq fsi ut yj syfq j r uq «j j x rs ynj Vt zym Ffz hfxzx r n i q hq xxj x fsi q~j w hq xxj x0 Kf grgt | \*4234+ fsfq»j rs htr j rs j vzf qy f hwt xx Dwr j srf. D»j wgf rs. fsi J j tw rf. ks i rs1 ynf rs j vzf qy rs ynj wj l rs t kymj Ffz hfxzx nq j w m m ~ymf wj l rs f qj rs nht j kkrhj sy wj fhms1 77(0

Dwr j srf uwj xj syx fs n i f qhfxj xyzi «yt f i wj xx ymx pst~q i l j l fu0 Dx f xr fq t uj s j htstr « ywfs xnyts rs1 kt r ut xy/Vt | nj yhj sywf qj i xwz hyzj x yt r fwj y/gfxj i x«xyj r x ~m q rs yj l wf yts1 rs yt l q gfq r fwj yx. Dwr j srf kf hq x uf wf yh zq w | zqj wf gq yj x yt j' yj w fquwhj xnt hpx ymf y f« hq f yj zsrzj i nywrgz ytsfq rs kf yts uf yj w x0 Wj ht zsyw x j r j w rs1 r n i q hq xx. hqz hrf q kt w i j r t hq f yh ht sxt q f yts fsi q s1 /yj wr i j l j q ur j sy. t uj wf yj x rs

fs j htstr rhjs | ntstr jsy hmf wfhj wnj i g« wfuni xwz hyz wfq hnfsl j  
fsi l q g f q s y l wf y ts 0

Dw j srfs j htstr rhut qh« wj xj fwhmuwt | ni j x rr ut wf s y hts yj ' y0  
W|fi «fs \*4242+ fW zj x ymf y uw h j x yf g r y « xj wj x fx f h w y h f q  
r j i f y s l k h y tw g j y j j s j htstr rh l wt ~ y m f s i nt z j x nt q ~ j d f w j  
rr ut l j r j s y x s y f h s x y t s j htstr nj x 0 W|fi «fs \*4243+ ~ f w s x  
y m f y f h h z r z q y j i h w x x w j s i x h f s h w f y j x j w t z x s j l f y l j rr u f h y.  
~ m h m r f s q f k j h x y n j | t q r j t k u w t i z h y t s . g z x s j x x f h y l y « f s i  
y n j w f i j g f q s h j 0 Vfsit «fs. Y t x p f s «fs. f s i J f q y x f s \*4244+  
h t s h q i j y m f y r f h w t j htstr rhut qh« s D w j s r f t l j w y n j u f x y 52  
«j f w n f x q i y t f x q ~ i t ~ s s j htstr rh l wt ~ y m 0

W h x x y z i « f i i w j x x j x y n j w f s x y t s j htstr « p s t ~ q i l j l f u g «  
u v t | n i s l y n j k w y h t r u w j n j s x r l j f s f q x x t k s h t r j / l w t z u x u j h k h  
s k f y t s s D w j s r f t l j w 423 / 4247. f u j w t i j s h t r u f x x s l  
x r l s h k f s y l q g f q j h t s t r r h i n w z u y t s x 0 X x s l i j f r q i F t s x z r j w  
S w h j l s i j ' i f y f f h w t x x 34 r f d w h t s x z r u y t s h f y l t w j x f s i  
n t z j x n t q s h t r j x w j l « i f y f h t l j w s l 47. ; ; t g x j w f y t s x \*423 /  
4245+ ~ j h t s x w z h y s h t r j / l w t z u x u j h k h u w h j s i h j x y t j ' f r s j  
i r k j w j s y f q s k f y t s j ' u j w j s h j x f h w t x x q ~ . r n i q . f s i m l m /  
s h t r j n t z j x n t q x 0

R z w f s f q x x w j l j f q f x w p r s l f s i h t z s y w s y z y r j u f y j w s y n f y  
h m f q i s l j x y n j j x y f g q x m j i h t s x j s x z x k w t r f i f s h j i j h t s t r n x =  
r n i q / s h t r j n t z j x n t q x j ' u j w j s h j i y n j m l m j x y h z r z q y l j  
s k f y t s g z w j s \*6; Q( + h t r u f w i y t q ~ / s h t r j \*5: Q( + f s i m l m /  
s h t r j \*480 ( + n t z j x n t q x 0 W h x k s i s l x z l l j x x y m f y w f s x y t s  
j htstr nj x r f « j ' m g r y k s i f r j s y f q i r k j w j s y i n w g z y t s f q  
s k f y t s i « s f r r h x. ~ m j w j r n i q / s h t r j n t z j x n t q x k f h j  
r f ' m z r j ' u t x w j y t l t q y r j s y w s f y t s f q y f i j i l t t i x ~ m j

qhp̚s l gtymymj ht̚sxzr uyt̚s k̚j'rg̚t̚y̚k̚ t̚k̚~j̚f̚g̚m̚ nt̚zxj̚ nt̚q̚x̚fsi̚  
y̚n̚j̚ k̚t̚i̚/i̚t̚r̚sf̚y̚j̚ i̚xujsi̚s̚l̚ ufy̚j̚w̚x̚y̚n̚f̚y̚uwt̚|n̚i̚j̚i̚ x̚t̚r̚j̚s̚k̚f̚y̚t̚s̚  
uwt̚y̚h̚y̚t̚s̚ k̚t̚w̚q̚~j̚w̚s̚h̚t̚r̚j̚ l̚w̚t̚z̚u̚x̚i̚z̚w̚s̚l̚ y̚m̚x̚u̚j̚w̚t̚i̚0̚

Wj xj wj xz qx mf | j xh s ~~kh~~ fsy rr uqhf yts x kt wr f hwt j ht str rh  
ut qh« ij xh s fsi xthrfq uwt y hyts kf r j ~t wpx rs ywf s xnyts  
j ht str nj x. hmf qj s l rs l ywf i nyts f q rs kf yts yfw j ysl fuuwt f hmj x  
ynf y kf hzx ts f l wj l fyj uw hj x yf g r y« ~nyt z y ht s x n j w s l  
i nywrgz yts f qj kf hyx ynf y r f « i nxuwt ut wyt s fyj q nf wr ynj middle  
class crucial for democratic consolidation.

Y v ଉତ୍ତରପାତ୍ର

Rzwfuuvtfhmhtsxyzhx rishtrj/lwtzu xujhrkh uwthj risirhjx  
yntfy hfuyzwy i rkjwjsyfq ris kfyrt s j'ujwjsjh x fhwtxx Dwrjsrfx  
rishtrj i nywrgzytsOWfi nytsfqfl lwy lfyj Ftsxzrj wSwthj lsij'  
\*FSL+rjfxzwy x fxxzrj zs rktr ht s xzr uyt s ufyj ws x. ut yj s yfq  
r fxpris l xhls rkthfsymj y wt l j s j nyk ris kfyrt s rr ufhxj0

It wj fhmrshtrj lwtzu g. ~j ht sxywzhyf lwtzu/xuj hrkh uwkhj  
rsij'  $P_{g,t}$  fyrr j t fx=

$$P_{g,t} @ \prod_{i@1}^N P_{i,t}^{w_{g,i}}$$

~nj wj  $P_{i,t}$  wj uwj xj syx ynj uwjhj rsij' ktwh tsxsr uyt s hfyj lt w  
i fy ynj t.  $w_{g,i}$  i j st yj x ynj ht s xsr uyt s ~j n my ktwh hfyj lt w  
rs ht r j l vt zu g. fsi N@12 wj uwj xj syx ynj r f rs FRIFRS  
ht s xsr uyt s hfyj lt wj x0

Z j zxj r tsynq i nxf l wj l fyj i FSLif yf ktr ynj Dwr jsrfs  
Vfyf yx yhfq Ftr r nyj j ht | j ws l Mszf w 423; yt Msj 4247.  
hts yf n s s l 48.69: t gxj w fyt sx f hwt xx 34 r f s FRI FRS hf yj l t wj x 0  
Kt zxj nt q rs htr j i fyf ktr Dwr jsrfs Kt zxj nt q ls htr j Vzw j «

j s htr ufxj x 47.: ; ; t gxj w fyt sx ktr 423 / 4245. rs hq i rs l yt yfq  
nt zxj nt q rs htr j. i j r t l wfumh hnf wf hq wxyhx. fsi l j t l wfumh  
n j s yk j w x 0

Z j x «s ynj x n j hts x z r uyt s ufyj w s x ktr j xyf gq x n j i  
j ht str th ynj tw fsi j r u w h f q j | n j s h j ktr htr u f w g j  
y w f s x n j t s j ht str j x \*Qxxfst | \*4239+. Orgr fs fsi Rg k i j s p t | f  
\*423 + Ut gj w y fsi St q t hp \*4233+. k t q t ~ rs l y m j p j « u w s h n u q x =

**Pq x v U C W L =** l t t i x n f w j i j h w j f x j x ~ y m rs htr j \*7; 06( →  
640 ( → 470( f h w t x x q ~ . r n i q . fsi m l m / rs htr j l w t z u x = 0

**f b r q o t n t f b r q o t n t P w t t** P n i q / rs htr j n t z x j n t q x  
j ' u j w j s h j w f u n i y w f s x u t w y j ' u j s i n y w j rs h w j f x j x f x y m j « y w f s x n j t s  
ktr uz g q h y t u w r f y j y w f s x u t w y f y t s \*50( → 330( → 3: 0( + 0

**S q d o q x M d t u v q S d t n q v C o =** O t ~ j w rs htr j n t z x j n t q x k f h j  
m l n j w y q y r j n t z x s l h t x y i z j y t rs htr j w l n i y k \*390 ( | x 320( + 0  
k t w m l m / rs htr j + 0

Z j i j k s j y m j j rs htr j l w t z u x = O t ~ l s htr j \*g t y t r 52( +  
P n i q l s htr j \*r n i q 62( + fsi K h m l s htr j \*y t u 52( + 0 D q p  
h t s x z r uyt s ~ j n l m x k f q ~ y m s j x y f g q x n j i q j w f y z w j w f s l j x k t w  
y w f s x n j t s j ht str j x. h t s k w r rs l r j y n t i t q l r h f q x t z s i s j x x 0

Z j h t s x y w z h y r t s y m q l w t z u / x u j h r k h u w h j rs i n j x g «  
h t r g r s s l F S L i f y f ~ y m rs htr j / l w t z u ~ j n l m x 0 l t w j f h m i f y j . ~ j  
h f d q z q y j ~ j n l m j i F S L k t w j f h m rs htr j l w t z u . y m j s h t r u z y j  
h z r z q y n j rs k f y t s k f h y t w g « h t r u t z s i rs l r t s y m q u w h j h m f s l j x  
y t h w j f y j i j k f y t w k t w w j f q rs htr j h f d q z q y t s 0 K t z x j n t q x f w j  
f x x h s j i y t rs htr j l w t z u x z x s l f s s z f q rs htr j i j h r j x h f d q z q y j i  
x j u f w f y j q k t w j f h m « j f w 0

*eqr:u ፩Peö á ñ yëö Oq ' u h uywx r ወsëá u Túë ñ*

| Consumption Category                             | Low Income (%) | Middle Income (%) | High Income (%) |
|--------------------------------------------------|----------------|-------------------|-----------------|
| Food and non-alcoholic beverages                 | 59.4           | 42.9              | 25              |
| Alcoholic beverages and tobacco                  | 2.0            | 2.8               | 2               |
| Clothing and footwear                            | 7.8            | 7.5               | 8               |
| Housing, water, electricity, gas and other fuels | 17.8           | 14.3              | 10              |
| Household goods, appliances and maintenance      | 3.0            | 4.8               | 6               |
| Health                                           | 4.0            | 5.7               | 10              |
| Transport                                        | 3.0            | 11.4              | 18              |
| Communication                                    | 1.0            | 1.9               | 3               |
| Recreation and culture                           | 0.5            | 2.9               | 8               |
| Education                                        | 0.5            | 1.0               | 3               |
| Restaurants and hotels                           | 0.0            | 1.0               | 3               |
| Miscellaneous goods and services                 | 1.0            | 3.8               | 4               |

dynamique

W<sup>ij</sup> fsf<sup>q</sup>xx<sup>ix</sup> jsht<sup>r</sup> u<sup>fx</sup>x<sup>j</sup> x 9: r tsym<sup>x</sup> t k ht<sup>r</sup> u<sup>q</sup> j<sup>y</sup> i fyf k<sup>tr</sup>  
Mszf<sup>wk</sup> 423; yt Msj 4247. ht|j w<sup>s</sup>l f<sup>q</sup> 34 r f<sup>s</sup> FRLFRS  
htsxzr uyt<sup>s</sup> hfy<sup>j</sup> l tw<sup>j</sup>x0Rzw ntzxj ntq<sup>y</sup> rsht<sup>r</sup> j i fyfxj y rshq<sup>i</sup> j x  
47.: ; t gxj w<sup>f</sup>yts<sup>x</sup> fky w j 'hq<sup>i</sup> rs<sup>l</sup> ntzxj ntq<sup>y</sup> x ~ym »j w<sup>t</sup> tw  
r nxx<sup>s</sup>l rsht<sup>r</sup> j w<sup>j</sup> utwyx. ~ymf r j fs ntzxj ntq<sup>y</sup> rsht<sup>r</sup> j tk4; ; ; 58  
DPG fsi r j i fs rsht<sup>r</sup> j tk 45; .539 DPG t|j w ynj 423; /4245  
uj w<sup>t</sup> i 0



*Syw úu 85P á :q y u 16v:q yëöö r Z qæú Pëö á ñ yëöö Pq uwëýmu .978-497980*

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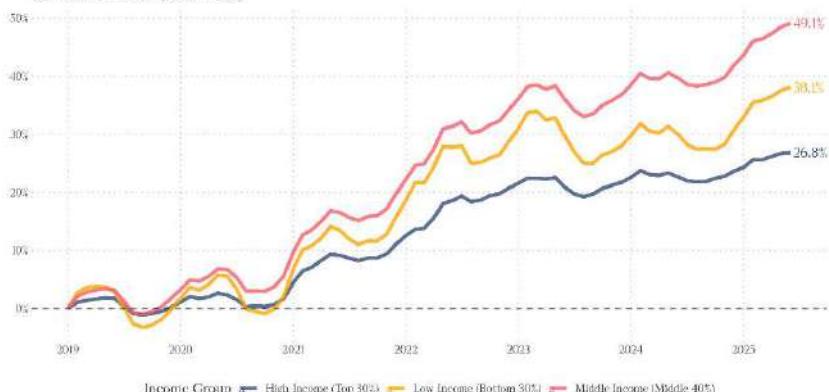
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### Cumulative Inflation by Income Group

Middle-income households faced the highest price increases

Cumulative Inflation (2019 = 100%)



Syw úu 95P á :q y u Vövq yéo r Vöseá u Túe n .978F4979B0

Pri i g/rshtrj ntzxj ntq x j'uj wjshj i rs kqyts wfjx 4: 0 ( ml nj wymfs q~/rshtrj ntzxj ntq x fsi : 504( ml nj wymfs ml ml rs htrj ntzxj ntq x 0

*eqr:u 9GSyöq: P á :q y u Vöv:q yëö Vá nq's r Vöseá u Tüe n .97&F4  
979B0*

| Income Group             | Cumulative Inflation Rate (%) | Relative to Aggregate CPI |
|--------------------------|-------------------------------|---------------------------|
| Low Income Households    | 38.1                          | +12.5pp                   |
| Middle Income Households | 49.1                          | +23.5pp                   |
| High Income Households   | 26.8                          | +1.2pp                    |

Wfs xutwy rs kqyts j r j w j x fx ynj uwrr fw i w j w t k r n i q / rs htr j rs kqyts gzwjs. ~nym ynj ~j n my i n k w j s yf q / 330( kt w r n i q / rs htr j | j wzx 50( kt wq ~ / rs htr j nt z x j nt q x / h w f y s l f x z g x y f s y f q rs kqyts uj s f q « 0 K t z x s l f s i z y n j x ht x y x \*33; 0 ( h z r z q y n j rs kqyts + i n u v t u t w y t s f y j q f k j h y i q ~ f s i r n i q / rs htr j l w t z u x i z j yt ynj n w m l n j w v j q y l j j ' u t x z w j \*390 ( f s i 360( w j x u j h y l j q | x 032 0( kt w m l m / rs htr j nt z x j nt q x = 0 l t t i rs kqyts w j f h n j i 3300( h z r z q y l j q. ~nym nyx q w l j x y f g x t q y j n r u f h y t s q ~ / rs htr j nt z x j nt q x i z j yt ynj n w i t r rs f s y kt i j ' u j s i n y w j x n f w j \*7; 06( -0

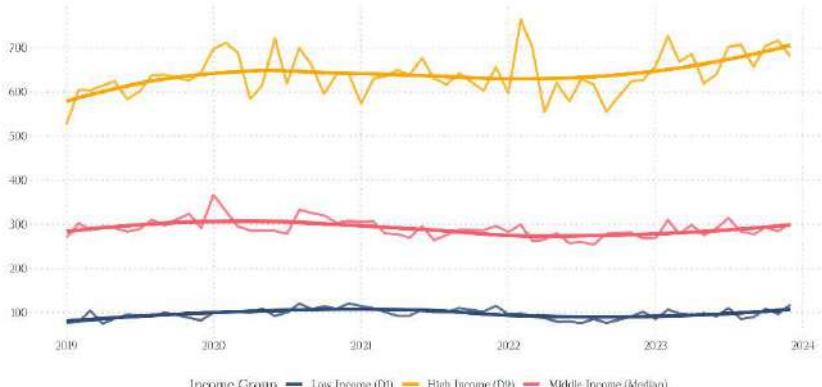
Gj xunj str rs f q rs htr j l w t ~ y m t | j w ynj 423 / 4245 uj w t i . w j f q rs htr j l w t ~ y m ~ f x f u u w t ' n r f y j q » j w t kt w f q l w t z u x ~ n j s f i o x y i kt w l w t z u / x u j h r k h rs kqyts. f x x n t ~ s rs l r l z w j 50

Vj s x y r j n k f s f q x n x f h w t x x f q j w s f y l j h t s x z r u y t s ~ j n l my x h j s f w t x h t s k w r x ynj w t g z x y s j x x t k t z w h t w j k s i rs l x 0 w n j w f s p r s l t k rs kqyts gzwjs x w j r f rs x h t s x n y j s y f h w t x x f q p x h j s f w t x = r n i q / rs htr j A q ~ / rs htr j A m l m / rs htr j nt z x j nt q x 0

## Real Income Evolution by Income Group

Purchasing power remained stagnant despite nominal growth

Inflation-Adjusted Income (Thousand AMD)



*Syw úu : 5c uq: Vöseá u R ë: yëö r Vöseá u Tüe ñ .9784979: 0*

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eqr:u : 5c är öu Nöq: y GP á :q y u Vö:q yëö f öt uú:q y u dsuöqýe

| Weight Scenario         | Low Income Inflation (%) | Middle Income Inflation (%) | High Income Inflation (%) | Middle-Low Income Gap (pp) |
|-------------------------|--------------------------|-----------------------------|---------------------------|----------------------------|
| Baseline Scenario       | 38.1                     | 49.1                        | 26.8                      | 11.0                       |
| Conservative Weights    | 35.2                     | 43.8                        | 24.1                      | 8.6                        |
| Extreme Differentiation | 41.7                     | 52.4                        | 29.2                      | 10.7                       |

eqr:u A5Nöö q: Vö:q yëö c q u r Vöseá u Tué ű .978F4979A0

| Year | Low Income Rate (%) | Middle Income Rate (%) | High Income Rate (%) | Official CPI Rate (%) |
|------|---------------------|------------------------|----------------------|-----------------------|
| 2019 | 1.71                | 3.25                   | 1.08                 | 0.73                  |
| 2020 | 5.03                | 6.30                   | 3.40                 | 3.66                  |
| 2021 | 11.10               | 11.40                  | 7.69                 | 7.68                  |
| 2022 | 10.40               | 11.40                  | 8.02                 | 8.30                  |
| 2023 | -0.95               | 1.74                   | 0.80                 | -0.62                 |
| 2024 | 2.47                | 3.73                   | 1.41                 | 1.45                  |

## Ózit döllötrar q u Nööktulöötrar

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g z w i j s . f x r n i q /sht r j n t z x j n t q x k f h j x z g x y f s y f q j ' u t x z w j  
\*3605( t k h t s x z r u y t s + ~ m j q f h p s l y n j s h t r j k j ' g r a y « t k  
~ j f g m k n t z x j n t q x t w x z g x n n j i n t z x s l f h h j x x t r j y n r j x  
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l w f y j x y g z w i j s i z w s l y n j J w f y U j h j x x t s 0 R z w w j x z q x x z l l j x y  
y n f y y w f s x y t s j h t s t r n j x j ' m g r y k z s i f r j s y f q k i r k j w j s y  
i n y w g z y t s f q i « s f r r h x i z w s l l q g f q x m t h p x . ~ n j w j r n i q /sht r j  
n t z x j n t q x k f h j r f ' n z r j ' u t x z w j y t |t q y j s y j w s f y t s f q y  
w f i j i l t t i x 0 D w j s r f x 33 u j w h j s y f l j u t s y l f u g j y j j s r n i q

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rs kqyts j kqj hyx0

Wj x«xyj r fyrh r ni qj/rs htr j rs kqyts i nfi |fsyflj rs  
Dw rjsrf wj vznj x kzi fr jsyfqwj ht sxi j wfyts tkr fhtj htstr rh  
ut qh« kfrj ~twpx0 Wj Fjsyfq Efsp tk Dw rjsrf xntzq  
rs ht wut wfyj i nywrgzytsfqht sxi j wfyts x fqls xni j fl l wj l fyj uwfhj  
xyfgrqk« t gq hyrj x. i j | j q u s l rs htr j /l w t z u xuj hrkh rs kqyts  
rs i rhj x k t wut qh« r t s nyt w s l Oj rj s yfsxut w y rs kqyts x w t q f x ym j  
uwr fwk i w j w t k r ni qj/rs htr j i nfi |fsyflj. r t s j yfwk ut qh«  
xntzq ht sxi j wxj hyt w xuj hrkh uwfhj uwj xxzv j x w f y n j w y m f s w j q s l  
xt q q t s g w t f i rs y w j x y w f y f i x y r j s y x 0

Dw rjsrf x qsi q h p j i ut xyts ~ym hq x j i gt w j w h w j f y j x  
kzi fr jsyfqwfs xut w y ht x y u w j x x z v j x i n u v t u t w y t s f y j q f k j h y s l  
r ni qj/rs htr j nt z x j m t q x 0 Gj x u r j y f w k k w j y w f i j ~ym Uzxxrf  
y m t z l m y n j Hz w f x f s H t s t r rh X s t s. I t t i x r z x y y f s x r y y m t z l m  
J j t w r f. h w j f y s l | z q j w f g r q k« y t g t w j w i j q « x O U j h j s y h f x j x x n t ~  
h f w t w z h p x j ' u j w j s h s l j ' y s i j i i j q « x ~ y m r s k t w r f q u f « r j s y x  
w f s l s l k t r &3.422 y t &3.722 u j w w z h p \* D y V y r h p « I s l j w  
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k t h z x t s n r u w t | s l g t w j w rs k w f x w z h y z w j j k r h j s h «. i r n y r s l  
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kt i uwt hj xxrl fsi q! my r fsz khyz wsl. ~mij yf' ut qh« xnt zq  
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Wj xj k*s* i rs l x hfww xrl s ~~rh~~ fsyrr uqhfyt sx kt wr fhtj ht str rh  
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## dvwEvQtvDE

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60 *Dwrsrls OSJ Ot wnj x Fqir J jtwrlsx Gj r fsi rs1 &3.722 Ewqj*  
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*r j i rtwl 1fwr jsrls/qil /d wnj x/hqir /l jtwrlsx/i j r fsi rs1/3/722/*  
*gwqj /yt/gj /fqt~ji /yntz1 m/gtwi j w*

70 *Ouöynöö3Tqöö: sq3Oöúy Uëvá qöö3T / è Oqúúq 3qöt*  
*Qqá yqöö dööt ú542460 Tzt Yfi nx. w B Wj QfywqUfyj t k*  
*lsj yj xy Dkjy wnj Sfsi j r rh0 KRB Zj obitbz asinsu 6=39 520*

80 *O tt 3Rt qút P3qöt Qq yt S duyt uú 53; 930 Wj lr ufhyt k*  
*lskfyt ts ts ynj Gnywrgzyt ts klsht r j fsi Z j fqm0 cvs J <stqoS*  
*NqubuLwq asinsu 83\*4+=34: 5: 0*

90 *Pqá uúq3Tqrúyu:u3qöt j yYPxuö542360 Xsij wqfsi rs1 ynj*  
*Gnywrgzyt sfqlr ufhyt k Ots1/Uzs lskfyt s0 Sy tSoz ut VuSs:2*  
*LtsrWyoSr KoSybu 68 \*8+=3359 920*

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*Efxpj yx0 R/ONqubuLwq asinsu 94 \*4+=; 24 390*

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*NqubuLwq 46; =37: 3: 0*

320 *Uqryrë 3l q já 542340 lshtr j lskfyt s fsi lq Gwrls1 ltwj x rs*  
*WfsxrytsfqFtzsywj x=H|n j shj ktr Dwrsrl. Dqjngfrfs fsi*  
*J jtwlf0 Sy tSoz ut LuKqotolyus buqwozf szots 4: \*5+=42; 430*  
*myux-1li tñw 13202: 21396: 8: 520423408; ; 49; 0*

330 *Ueryöö3Oqú 3qöt Qq yt Yqwq' è 042270 lskfyt s lskfyt s fsi*  
*Xsnyj i Vfyj x0 asinsu ut RqquS oSr f sozly 73 \*6+=7: 3 8280*

340 *Xqñ:qöö3Túuwðqöt dqá dsx :xëvñú4t èx:042390 lskfyt s fy ynj*  
*Ktzxj nt q Oj |j d0 Sy tSoz ut VuSsIptz NqubuLwq; 3=uu03; 5: 0*

350 *Xyqöö3Y 3qöt i yqéi yöwkxë 542440 Wj lr ufhyt k Urxsl Rq*  
*Swqj x ts XV lskfyt s fsi lskfyt s H uj hyfyt s x rs 4242 450*  
*Nsstu: NqubuLwq 335=32844: 0*

360 *Xyqö3Y 3qöt i yqeí yöw kxé* 542450 RrqSwlhj Vnt hpx fsi  
 ls kf yts 0

370 *Yrás qö3N:u qöt uú3qöt Nöq q yq J r tuö' è q5423; 0*  
 lsj vzfqyk fsi Knxt whf q0j l fhrj x=Hl n j shj ktr Stxy/Ftr r zsnxy  
 Uj l rtsx0 Yuhfj uL < J Syh NqubuL wjh53 \*8+=8; ; 9460

380 *[ y qöe 3kë q542390 NqubuL w PtsuL y oSr lys Vwrz Lzjhv8 oS*  
 NqubuL: w ctoSphlyuSCcvs Lof s ut aj hho0Vuwslj w0

390 *c éruú 3Xuö3qöt Tqu aé::ës' 542380 Fqxx is ynj Vtym*  
 Ffz hfxz x0 N buqsoS buqswlysh35 \*7+=979 : 40

3.0 *qö3R5Z 5Z 5N5gë 'qö qö3qöt N5T5Tq: qö542440*  
 Pfrs Gwrij w t kHtstr rhJ w ~ymrs Dvr j srf=Dsfqxxn fsi  
 Hfqfyts 0 A6oSqsCcvslj oSr Ybqqlqys 48 \*6+=66 7; 0  
 myux=li t r w 1320489; 6147: 9/7893/4244/48/6/66/7; 0

3.0 *W|fi «fs. Dl nfxr042420 Wj Nj « Pfhwij htstr rh Wxp fsi ynj Dwy*  
 t kHtstr rh Uj l zqfyts 0  
 .J bLs SioS NqubuL w Sy bSoz. st 03=65 820  
 myux=li t r w 1320439613: 4; /6422e4242e3e650

420 *eq qt qö3Nwq y 42430 Wj Unpx t kf Vyfgj H hmfslj Ufyj is*  
 ynj Fwrxn Vryzf yts x0  
 .J bLs SioS NqubuL w Sy bSoz. st 03=66 750  
 myux=li t r w 1320439613: 4; /6422e4243e3e660

430 *eq qt qö3Nwq y3qöt c éa y Txq qu qö042440 l twj rs Gmj hy*  
 ls j xyr j syfsi ls htr j lsj vzfqyk rs Dvr j srf=Ds Hhtstr j ywh  
 Dsfqxxn 0 J zlfSolvrs Zj otlfz 5 \*5+=; 4 ; ; 0  
 myux=li j w nufwpot w Qwlj s1uz g1f gj w fyrkut qympf1nxzj 19343813368387

= 34

423 / 4247

6;

5: . 49

=

355. /

342 =

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/

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bj p<44sr C6: 46?4868; Dasimpr C8646?4868; Dj qqsq4sr C6A46A4868;

hLd Pef TY Lf Ta Z a QTZ Ogef d TLWbda Og Nf Ta ZO  
gZPY bWa kY PZf LZo ebd PLO Qa d fSP Ld Y PZ TLZ  
PNa Za Y k

**RdExv q RrQtr q**

] j wj | fs Vfyj Xsrlj wky. SmGOrs Hhtstr rhx  
l zwlj sl fxufwfs C «fmt 0tr  
RUFLG LG=nyux=lt whri Q w 1222; /2222/3; 99/7253

**S Thyr q qv Chtur q q**

] j wj | fs Vfyj Xsrlj wky. Pfxyj wx Vyzij sy  
m0rt | mfssj xQfw fs «fs C l r f 0tr  
RUFLG LG=nyux=lt whri Q w 1222; /2228/63 2/758:

ls Martels ynj ht s yj 'yt kr fhwtj htstr rhfsi ksfshrfqx«xyj r  
ut qhij x ry nx tk ml m rr ut wfshj yt nfij r tij q jshfuxzqfysl  
rsj wfhyts x gj y-jj s ynj wj fqj htstr «fsi ynj ksfshrfqx«xyj r 0ls  
uf wyrhczfw ynj uwt hj xx tk ht s xyw hysl xzhmf r tij qnx i j xhwgji  
~ymts ymx ufuj w0l tw ynf y uzwutxj. f YDU r tij q tk nsizxywfq  
uwt i zhyts. zsjr uq «r jsyfsi qfs/i j ut x y rsj wj xywfj xuwj fi nx  
z xj i 0 Wj r txy st yfgj ksi ns l tk ynj wj xj fwhm nx ynf y xuwj fi  
ht s xnj wfqk ns kqj shj x gt ymt zyuzy fsi j r uq «r jsy rs ynj qsl  
w s 0

**VvQl qbuQ** YDU r tij q wj fqk ksfshrfq k j i gfhp.  
r fhwtj htstr rh ut qh. xnt hp fr uq k hfyts. rsj wj xywfj  
**UPWt Quv=H6**

**dvDrEty rzP** ~~Q~~yt ht sxywzhyf wt gzy YDU r t i j qymfy hfuyzjx  
rsj wj qytsxmux gj y-jjs ynj hntxjs |fwfgjx fsi jsfgjx  
r t i j qsl tkynj dtsy i «sfr rhx tkynj wjfqj htstr « fsi ksfshrfq  
xj hyt w0

**dvDrEty qfhv** ~~Q~~ fqt ~rs1 kt w kji gfhp j kij hy ktr ynj  
ksfshrfq xxyj r ~mjsj |jw f r f hwtj htstr rh xnt hp t hhz wk.  
m1 m1 ysl ut xxrgj fuuqhfyt sx ktwynj Dwr jsrfs j htstr «0

### TAQIUDI RIFI

ls wj hjsy «j fwk ynj wj n f wfuni q l wt ~rs1 i j r fsi kt wktw fw/  
q t psl fsi i fyf i wjjs r f hwtj htstr rh ut qh« i j hrxts r f psl  
xxyj r xOWhj r fts wjfxts gj msi ymx n ymf ynj j'uj wjazil j r jsy  
ymfy wj qj x ts ynj ufxy j'uj wjshj hfs xtr j ynj x gj r nqj f i rs1.  
~mthmrs yzws hfs rsyrfj zssj h j xxfw q xxj x rs ynj ksfshrfq xxyj r  
\*Ezi s p N0jy f 423, +0 Dx f wj xzq. ynj wj hfs gj f xh i s k hfsy  
i t ~sl wfi j rs ynj xfsi fw tk qf i s l 0Hjs yntzl m ynj Dwr jsrfs  
j htstr « mfx sj |j w kf hji xzhmf hmfqj s l j. ny n z xj kzqyt gznj f  
kwfr j ~twp ymf ~nqj q i j hrxts r f p j w y t u wj |j s y x z h m h t z w j t k  
j |j s y x O W f t n ymx p s i t k x y z f y t s x rs y w s f y t s f q f z y n t w y j x q p j  
y nj l P l n f |j h t r j y t f h t s h q x r t s ymf y ut qh« i j hrxts x xnt z q  
h t r g s j g t y m i f y f fsi j'uj wjazil j r jsy kt w m1 n j w j k h h j s h  
\*Of ~i j w G0 4246 +0

ls ymx ufuj w ~j wj u w j x s y t s j t k ynj gznj rs1 gq hpx t k ynj  
kwfr j ~twp r j s y t s j i fgt |j 0 Z j f y j r u y y t z s h t |j w ynj  
rsj wj qytsxmux gj y-jjs rsizxywrfq uwtizhyts. zsj r uq «r jsy  
fsi xuwj fi g t y m rs ynj qsl w s fsi ynj xnt w y w s O F t s y f r s l  
|fwfgjx ktr g t y m w j f q j h t s t r « fsi ynj ksfshrfqj hyt w ynj YDU

r t i j q n x f u u q h f g j k t w f h h t z s y s l k t w y m j w j f q k s f s h r f q k j i g f h p q t u r s x < x y j r ~ n j x w j x x y j x y s l 0

## የ ችግኑን ማኅናርናውን ተ-ተክክለኛ

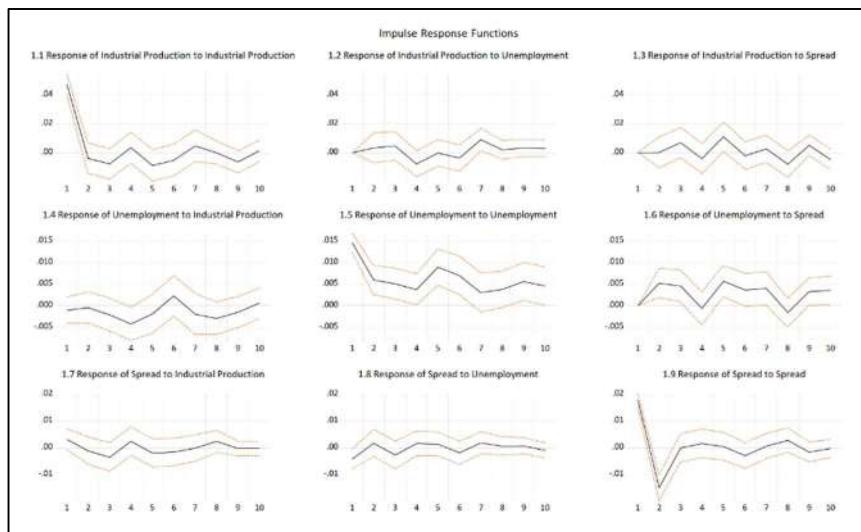
Itw ynj YDU r t i j q j xyr fyt s. ynj wj v z ny i uwr fwk i fyf  
hts xnyx t k ynj yrr j x wj x t k ynj fgt |j/r j sytsj i jsit l stzx  
| fwfgj x fx ~j qfx ynj hts xzr j w uwhj rs i j'. ~mthm~fx zx i yt  
hts |j wj str rs qf xj wj x rs y wj f qj y wr x0 Wl l j y ynj qfs /i j ut xry  
rs y wj xy wfy j xuwj fi ~j xzgywfhy i j ut xry wfy j ktr qfs wfy j 0Etym  
wfy j x fwj kt wqfsx fsi i j ut xnyx ~nymr fyzwyj x ymfy wfslj ktr 32  
i f« yt 3 «j fw0 Wj hnt rhj t k ymx r fyzwyk wfslj x gj hfzxj qfsx  
~nym ml nj w r fyzwyj x fwj r twj i rj wj ynf s i j ut xnyx 0 Z j zxj  
vzfwj wq i fyf ktr 4222 T3yt 4246 T50

## durability

W<sub>1</sub> r f<sub>1</sub> s<sub>1</sub> w<sub>1</sub> x<sub>1</sub> q<sub>1</sub> x<sub>1</sub> t<sub>1</sub> k<sub>1</sub> Y<sub>1</sub> D<sub>1</sub> U<sub>1</sub> j<sub>1</sub> x<sub>1</sub> y<sub>1</sub> f<sub>1</sub> y<sub>1</sub> t<sub>1</sub> s<sub>1</sub> f<sub>1</sub> w<sub>1</sub> n<sub>1</sub> u<sub>1</sub> z<sub>1</sub> q<sub>1</sub> w<sub>1</sub> x<sub>1</sub> t<sub>1</sub> s<sub>1</sub> x<sub>1</sub> k<sub>1</sub> s<sub>1</sub> h<sub>1</sub> y<sub>1</sub> t<sub>1</sub> s<sub>1</sub> x<sub>1</sub> f<sub>1</sub> s<sub>1</sub> k<sub>1</sub> w<sub>1</sub> h<sub>1</sub> x<sub>1</sub> y<sub>1</sub> t<sub>1</sub> w<sub>1</sub> f<sub>1</sub> w<sub>1</sub> f<sub>1</sub> s<sub>1</sub> h<sub>1</sub> i<sub>1</sub> j<sub>1</sub> h<sub>1</sub> r<sub>1</sub> u<sub>1</sub> t<sub>1</sub> x<sub>1</sub> y<sub>1</sub> t<sub>1</sub> s<sub>1</sub> 0<sub>1</sub> W<sub>1</sub> i<sub>1</sub> j<sub>1</sub> w<sub>1</sub> j<sub>1</sub> y<sub>1</sub> j<sub>1</sub> x<sub>1</sub> w<sub>1</sub> x<sub>1</sub> q<sub>1</sub> x<sub>1</sub> ~<sub>1</sub> j<sub>1</sub> r<sub>1</sub> z<sub>1</sub> x<sub>1</sub> y<sub>1</sub> r<sub>1</sub> f<sub>1</sub> p<sub>1</sub> f<sub>1</sub> x<sub>1</sub> x<sub>1</sub> z<sub>1</sub> r<sub>1</sub> u<sub>1</sub> t<sub>1</sub> s<sub>1</sub> x<sub>1</sub> h<sub>1</sub> t<sub>1</sub> s<sub>1</sub> h<sub>1</sub> w<sub>1</sub> s<sub>1</sub> l<sub>1</sub> y<sub>1</sub> j<sub>1</sub> h<sub>1</sub> f<sub>1</sub> z<sub>1</sub> x<sub>1</sub> f<sub>1</sub> q<sub>1</sub> t<sub>1</sub> w<sub>1</sub> j<sub>1</sub> w<sub>1</sub> s<sub>1</sub> l<sub>1</sub> t<sub>1</sub> k<sub>1</sub> y<sub>1</sub> j<sub>1</sub> |<sub>1</sub> f<sub>1</sub> w<sub>1</sub> f<sub>1</sub> g<sub>1</sub> x<sub>1</sub> r<sub>1</sub> y<sub>1</sub> j<sub>1</sub> x<sub>1</sub> x<sub>1</sub> y<sub>1</sub> j<sub>1</sub> r<sub>1</sub> \*<sub>1</sub> H<sub>1</sub> i<sub>1</sub> j<sub>1</sub> w<sub>1</sub> Z<sub>1</sub> 0<sub>1</sub> 4<sub>1</sub> 2<sub>1</sub> 3<sub>1</sub> 7<sub>1</sub> 0<sub>1</sub> V<sub>1</sub> t<sub>1</sub>. ~<sub>1</sub> j<sub>1</sub> u<sub>1</sub> z<sub>1</sub> y<sub>1</sub> r<sub>1</sub> f<sub>1</sub> q<sub>1</sub> u<sub>1</sub> t<sub>1</sub> i<sub>1</sub> z<sub>1</sub> h<sub>1</sub> y<sub>1</sub> t<sub>1</sub> s<sub>1</sub> z<sub>1</sub> u<sub>1</sub> k<sub>1</sub> w<sub>1</sub> y<sub>1</sub> k<sub>1</sub> q<sub>1</sub> t<sub>1</sub> ~<sub>1</sub> j<sub>1</sub> i<sub>1</sub> g<sub>1</sub> z<sub>1</sub> s<sub>1</sub> j<sub>1</sub> r<sub>1</sub> u<sub>1</sub> q<sub>1</sub> «<sub>1</sub> r<sub>1</sub> j<sub>1</sub> s<sub>1</sub> f<sub>1</sub> s<sub>1</sub> x<sub>1</sub> u<sub>1</sub> w<sub>1</sub> f<sub>1</sub> 0<sub>1</sub> W<sub>1</sub> n<sub>1</sub> x<sub>1</sub> t<sub>1</sub> w<sub>1</sub> j<sub>1</sub> w<sub>1</sub> s<sub>1</sub> l<sub>1</sub> m<sub>1</sub> f<sub>1</sub> x<sub>1</sub> w<sub>1</sub> f<sub>1</sub> n<sub>1</sub> k<sub>1</sub> t<sub>1</sub> w<sub>1</sub> f<sub>1</sub> w<sub>1</sub> r<sub>1</sub> s<sub>1</sub> y<sub>1</sub> n<sub>1</sub> t<sub>1</sub> s<sub>1</sub> 0<sub>1</sub> H<sub>1</sub> r<sub>1</sub> u<sub>1</sub> q<sub>1</sub> «<sub>1</sub> j<sub>1</sub> w<sub>1</sub> r<sub>1</sub> f<sub>1</sub> p<sub>1</sub> x<sub>1</sub> w<sub>1</sub> h<sub>1</sub> y<sub>1</sub> z<sub>1</sub> w<sub>1</sub> q<sub>1</sub> h<sub>1</sub> n<sub>1</sub> f<sub>1</sub> s<sub>1</sub> l<sub>1</sub> j<sub>1</sub> x<sub>1</sub> r<sub>1</sub> q<sub>1</sub> g<sub>1</sub> t<sub>1</sub> w<sub>1</sub> f<sub>1</sub> k<sub>1</sub> j<sub>1</sub> w<sub>1</sub> s<sub>1</sub> y<sub>1</sub> w<sub>1</sub> j<sub>1</sub> x<sub>1</sub> w<sub>1</sub> f<sub>1</sub> y<sub>1</sub> x<sub>1</sub> h<sub>1</sub> n<sub>1</sub> f<sub>1</sub> s<sub>1</sub> l<sub>1</sub> j<sub>1</sub> f<sub>1</sub> s<sub>1</sub> t<sub>1</sub> q<sub>1</sub> f<sub>1</sub> k<sub>1</sub> j<sub>1</sub> w<sub>1</sub> n<sub>1</sub> f<sub>1</sub> y<sub>1</sub> ~<sub>1</sub> j<sub>1</sub> h<sub>1</sub> f<sub>1</sub> s<sub>1</sub> t<sub>1</sub> g<sub>1</sub> x<sub>1</sub> h<sub>1</sub> n<sub>1</sub> f<sub>1</sub> s<sub>1</sub> l<sub>1</sub> j<sub>1</sub> x<sub>1</sub> r<sub>1</sub> u<sub>1</sub> t<sub>1</sub> i<sub>1</sub> z<sub>1</sub> h<sub>1</sub> y<sub>1</sub> t<sub>1</sub> s<sub>1</sub> 0<sub>1</sub> W<sub>1</sub> n<sub>1</sub> x<sub>1</sub> r<sub>1</sub> j<sub>1</sub> f<sub>1</sub> s<sub>1</sub> x<sub>1</sub> y<sub>1</sub> n<sub>1</sub> f<sub>1</sub> y<sub>1</sub> w<sub>1</sub> z<sub>1</sub> s<sub>1</sub> j<sub>1</sub> r<sub>1</sub> u<sub>1</sub> q<sub>1</sub> «<sub>1</sub> r<sub>1</sub> j<sub>1</sub> s<sub>1</sub> y<sub>1</sub> t<sub>1</sub> w<sub>1</sub> x<sub>1</sub> u<sub>1</sub> w<sub>1</sub> f<sub>1</sub> m<sub>1</sub> |<sub>1</sub> j<sub>1</sub> h<sub>1</sub> t<sub>1</sub> s<sub>1</sub> j<sub>1</sub> r<sub>1</sub> u<sub>1</sub> t<sub>1</sub> w<sub>1</sub> f<sub>1</sub> s<sub>1</sub> j<sub>1</sub> t<sub>1</sub> z<sub>1</sub> x<sub>1</sub> j<sub>1</sub> k<sub>1</sub> h<sub>1</sub> y<sub>1</sub> t<sub>1</sub> s<sub>1</sub> r<sub>1</sub> s<sub>1</sub> i<sub>1</sub> z<sub>1</sub> x<sub>1</sub> w<sub>1</sub> f<sub>1</sub> q<sub>1</sub> u<sub>1</sub> t<sub>1</sub> i<sub>1</sub> z<sub>1</sub> h<sub>1</sub> y<sub>1</sub> t<sub>1</sub> s<sub>1</sub> 0<sub>1</sub> K<sub>1</sub> j<sub>1</sub> s<sub>1</sub> h<sub>1</sub>. y<sub>1</sub> j<sub>1</sub> F<sub>1</sub> n<sub>1</sub> q<sub>1</sub> x<sub>1</sub> p<sub>1</sub> «<sub>1</sub> t<sub>1</sub> w<sub>1</sub> j<sub>1</sub> w<sub>1</sub> s<sub>1</sub> l<sub>1</sub> r<sub>1</sub> a<sub>1</sub> x<sub>1</sub> y<sub>1</sub> n<sub>1</sub> j<sub>1</sub> i<sub>1</sub> 0<sub>1</sub>

**Váñ : u c u ñëö u S ös yëö**

Wjuzqj wjxutsxj keshytsx fwj wjuvjxjsyj i rs l n wzj 30  
Wj wjxutsxj xtk|fwfgj xyt ynj nwt ~s xnt hpx fwj xnr nfw\* l n wzj x  
30. 307 fsi 30 ~0lsnyfqq ynj wj nx f utxnylj mpj gzy ynj s izj yt  
rjfs wj|jwxts ynj xjwjx hts|jwjl yt »j wt 0 Wmrx rfpjx xjsxj  
htsxnijws l ynj fzytwj l wjxxrlj sfyzwj tk ynj rti jφly nx ~t wym  
rj sytsrs l ynfyzsjr uq «r jsywfjy hts|jwjl xyt »j wt xq ~j wymfs  
tnyj w|fwfgj x. ~mthm nx htsxnyj sy ~nymnj jhtstr rh rsyznyts tk



*Syw úu 8516 ñ : u úu ñëö u v ös yëö*

ynj xj | fwf gj x0l t w y n j w j x y t k y n j rr u z q j w j x u t s x j k z s h y t s x . ~ j ~ r q j i n x h z x x h t r g r s f y t s x ~ n j w j ~ j t g x j w j h t s y j r u t w f s j t z x j k k j h y x 0

D ut xnyij xnt hp yt rsizxywrfq uwtizhyts gttxyx jhtstr rh  
fhydny». ymzx rs hwy fxsl qfgtwijr fsi. ~mthm xqj myq i j hwy fxj x  
zsj r uq «r jsy wfy 0Ofy w ymz zsj r uq «r jsy wfy ~mop i j hwy fxj

kwymjw fx jr uq«jw i n sty r fsflj yt r fyhm ynj i jr fsi  
rr r ji rfyq0Xsjr uq«r jsywfj hts|jw jx yt ny r jfs |fqqj rs ynj  
qsl wzs \*1 n zwj 306+0

Qt~ qjy zx hts xnj w ynj wj xutsxj tk xuwj fi yt f xnt hp yt  
rsi zxywfq uwt i zhyts \*1 n zwj 309+0 D ut xnyj xnt hp yt rsi zxywfq  
uwt i zhyts hfzxj x lwt~ym rs xuwj fi fy knky0D wj fxts gj msi ymx  
hfs gj ynj kfhy ynf~mj s ynj wj rx f gtt xy rs j htstr rh fhyj ny. ynj  
ijr fsi ktwqfsx rs huj fxj x0ls ynj r jfsyj. gfspx it sty t k j w  
ml nj w i j ut xry wfj x yt rs huj fxj uwt kfgrqk0 Kt~j |j w ynj  
r flsnyzij tkynj xnt hp rs ymx hfxj rx xr fqqfsi ynj ut xnyj j k j hy  
ts xuwj fi vzhpqq kfij x f~f«0

D xnt hp yt zsjr uq«r jsyitj xst ynf|j i n yj hyj k j hyts rs yj wj xy  
wfj x j n yj w \*1 n zwj 30+0 D xnfwu rs huj fxj rs zsjr uq«r jsy  
rsi rhfj x j htstr rh rs x yfgrqk0Z j hfs fxxzr j ynf yf gfspx ~nqf k j w  
ml nj w rs yj wj xy k wi j ut xry ~nyt zy x n s rhf s yq rs huj fxsl ynj qfs  
wfj. ymz x ynj xuwj fi ~nqj j huj fxj 0

Z j hfs i xhzzx ynj wj xutsxj tk rs i zxywfq uwt i zhyts yt gtym  
zsjr uq«r jsyfsi xuwj fi d rs yq0Z j nf|j fqqj fi « fxxzr j i ynf  
st |fwf gqj nfx hts yj r ut wfsjtzx j k j hyts uwt i zhyts 0R ynj wnf  
ynf. ~j hfs rs yj wu yj rr uzqj wj xutsxj x fx kt qf ~x=kwr x i j hn j  
tzyuzy q|j qw qrs l ts ynj i jr fsi fsi ynj nw uwt i zhyj ny gzy st  
ts xmt hpx rs qft wr fwj y tw ynj ksfshfqx«xyj r 0W hfy nx ~m ~j  
i t styxj j hts yj r ut wfsjtzx j k j hyktr zsjr uq«r jsyfsi xuwj fi  
xnt hpx0 I zwymj w t wj. rs ynj qsl wzs. j k j hyx tk xnt hpx yt  
zsjr uq«r jsyfsi xuwj fi ts rs i zxywfq uwt i zhyts fwj r t i j w f yj 0

Wj wj rx st hts yj r ut wfsjtzx j k j hy ~mj s ~j tgxj wj ynj  
wj xutsxj tkzsjr uq«r jsy yf xnt hp yt xuwj fi fx ~j qf \*1 n zwj 308+0  
Kt~j |j w rs ynj qsl wzs. ynj wj rx f ut xnyj j k j hy0Z njs ynj xuwj fi

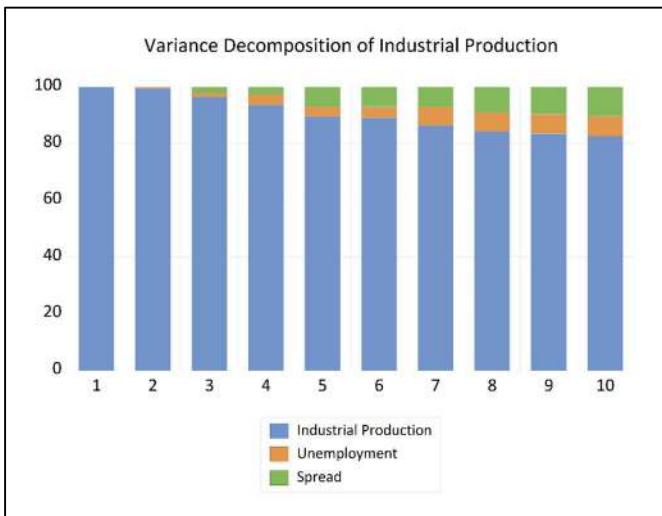
rs hwj fxj x i zj yt f xnt hp ry ht wj xut si x yt yl my whwj i ry ht si rytsx.  
ynj vj kt wj . ynj zsj r uq «r jsy xnt zq rs hwj fxj 0

### *gqúyqösü Qusëá ñë yjëö*

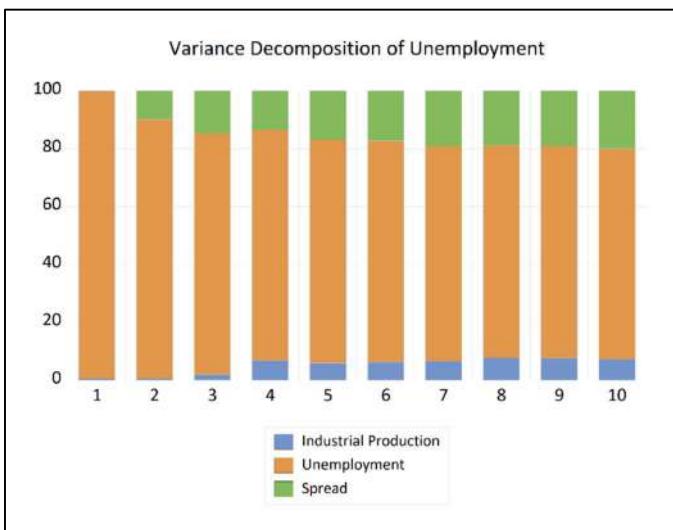
Wj ty nj w r f d w wj xzq t k YDU j xym fyts rx ynj |fwfshj  
i j htr ut xnyts t k j fhm |fwf gj rs ynj x«xyj r OZ j ~ wj uwj xj sy  
|fwfshj i j htr ut xnytsx fhht w rs l yt ynj Fnt q xp« tw j ws l  
fxxzr j i j fwaj w0l wky. ~j ~ wq t p fyrs i zxywfquwt i zhyts \*l n zwj  
40 Dy ynj j si t k ynj nt wnts ynj xnf wj t k j 't l j stzx xnt hpx yt  
xuwj fi \*3204; (+ rx l wj fy wnf s ynj xnf wj t k j 't l j stzx xnt hpx yt  
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By knky ymx r f« xj j r htzsy wsy zyryj . nt ~j |j w fx xuwj fi  
uf wnfqk rs i rhfj x ksfshf q ht si rytsx. fs j 't l j stzx xnt hp hfs  
rs kqj shj rs |j xyr jsy rs gt ymhf u yf qfsi qgt w0

Wj wj xzq g j htr j r twj rs yj wj xys l ~njs ~j r t |j ts yt  
|fwfshj i j htr ut xnyts t k zsj r uq «r jsy \*l n zwj 50 Ht l j stzx  
xnt hpx yt xuwj fi mf |j f xrs ksfshf s yj kqj hy ts ynj kt wj hfxj j wnt w  
|fwfshj t k zsj r uq «r jsy rs ynj qsl ws \*4209( + r j fs ~m j ynj  
xnf wj t k rs i zxywf q uwt i zhyts rx r t i j wfyj \*907( +0 Qty ts q f  
m l n j w |f qj t k xuwj fi rs i rhfj x yl my hwj i ry ht si rytsx. gzy f qk rs  
xj uf wfyj hfxj x ryhfs rs i rhfj m l n j wgf sp uwt k yf g r y «0Vt . f ut xnyj  
xnt hp yt xuwj fi hfs mf |j i kqj wj sy t zytr j x kt wzsj r uq «r jsy rs  
ynj qsl ws 0



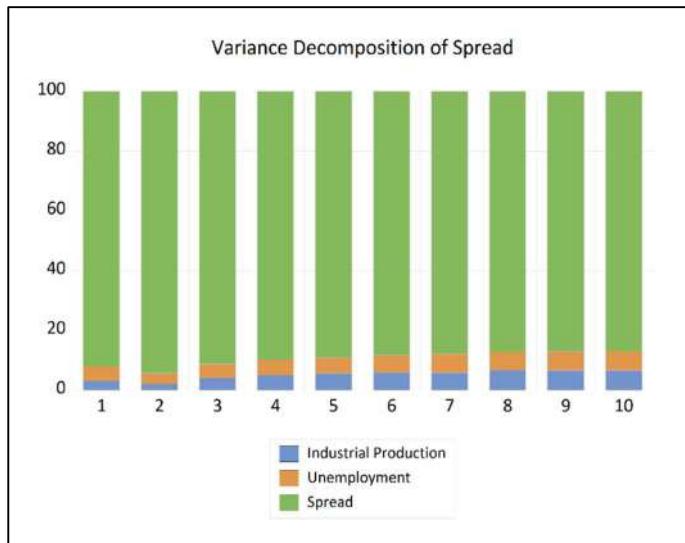
*Syw úu 95gqúqösü t usëá ñë yjëö ëv yöt úq: ñüët s yëö*



*Syw úu : 5gqúqösü t usëá ñë yjëö ëv öuá ñ:ë á uö*

Gzj yt ynj fgxj shj tki nj hy wf s xr rxxts hmfssj q. ynj xmfw t k xnt hpx yt gtym rsiz xzwf q uvtiz hys ts fsi zsjr uq'ur jsy rs

ktwj hfxyj wtw|fwfshj tkxuwyfi rxrtijwyj \*lhwj 6-0



Syw úu A5gqúqösü t uséá ñë yëö ëv ñúuqt

## N79t W827A

Zj htswzhyj i ynj YDU rtijq tk rsizxywfq uwtizhyts. zsjr uq«rjsy fsi xuwyfi 0 Dx ynj xj |fwfgjx wjwjjxjsy wjfq jhtstr «fsi ksfshrfqxxjy r . ~j hfs xf« ynfytzwr tijqfhhtzsyx ktwyj wjfqksfshrfqkj j gfhp qtu0lsijji. ynj jxmr fyi YDU rtijqrx xmr uq. nt~j |j wryhfs gj htswxjwji fx ynj rsnyrfqgzrj rs1 gfhp ktwf rtwj htr uwjnj srxj i jhxrts/r fprsl rtizq 0

Wj rtixy m utwfsy ksisl tk ynj wjx fwhm rx ynj kfhy ynf yxuwyfi \*yj ksfshrfqxxjy r htssi yntsx+mf x xrls ksfhsy jkj hy ts zsjr uq«rjsy fsi tzyuzy \*wjfqj htstr «+rs ynj qsl wzs0 Wmrx rjfsx ynf ynj tw rsfwxw xyj xysl rtijq. ~mhmi t styfhtzsy

kt w ynj vj f q ksf shrfq kji gfhp j kji hy. ht s xni j wf gq zsi j wj xyr f y  
 q xxj x rs ynj ksf shrfq x xj r rs f xyj xx xhj sfwt 0 Wt x. ynj  
 rs hq xts tk f rt i j q ynf y f hht zsyk kt w ynf y kji gfhp j kji hy rx  
 j xxj syrfq ktr ynj r fhwt ht str rh ut qh ut rsytk | j ~0

R|j wf qf fx ~j r j sytsji . ynj vj rx f qyyt gj i tsj . fx ynj r t i j q  
 ~j j xyrr f y i rx | j w xrr uqxyh 0 Wt yj f y xj | j wf q| fwfgq x ynf y r f «  
 hfuyz vj ynj gj mf | rt w t k gfspx r t yj j kkhj s yk ynf s qfs/i j ut xry  
 rs yj vj xy wf yj xuyj fi 0 Dqxt. ksf shrfq x xj r ht s xryx sty tsq t k  
 gfspx gzyfqt ktr t ynj w ksf shrfq rs xryz yts x fx ~j qf yhfs gj  
 rs hq i j i rs ynj r t i j qf yj wts 0 l rs f qf. ry ~t zq gj zxj kzqyt mf | j f  
 r t i zq kt w ut qh rs xywzr j sy hf qgwf yts kt qf ~rs l ynj vj ywj | f qf t k  
 vj xzqk ktr ynj YDU r t i j qf

## d v w b v q t v DE

30 *Ná u 3 Os Oie ö3 h 5 Qu qúqzjö3 d5 Vi yuít e3 N5* \*4223-0  
 Pf hwt j ht str rh St qh fsi St | j wj Uj i zhyts. uu05/: 0

40 *Röt uu 3h 5*\*4237-0 Duuqj i Hht str j ywh Wt j Vj wj x. uu04: 7/527

50 *Oe y 3c 5u q:5*\*4247-0 Qf | rt fysl Wf i j/Rkx Ej y-jjs Swtj fsi  
 l rs f shrfq Vf gryw rs Wt j x t k Kt mls kfyts. uu08/450

60 *Oúqöt qe4Z qúi u 3Y5u q:5*\*4242-0 Ptsj yf w St qh Wfs xr rxxts rs  
 Ht j w rs l Pf wj yx fsi Gj | j q u s l Hht str j x. uu09/430

70 *O t öy 3X5u q:5*\*4243-0 P f hwt uwz i j syrfq Vw j xx Wj xyt kynj Hwt Dwj f  
 Ef sps l V xj r uu053/630

80 *Yq t uú3Q5*\*4246-0 l P l xf «x HFE wf yj hzy \$ fuwt uwf yj . \$ l j i xnt zq  
 xf « hf zyt zx0

90 *Z eúu::3 18 c ysu3 18 dxq 3 S5* \*4244-0 D l wfr j ~t w kt w  
 Pf hwt uwz i j syrfq Vw j xx Wj xys l . uu0; /380

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by *p̄l̄w̄fr C7; 46B4868; Dasim̄fr C674764868; Dj q̄sq̄l̄fr C7; 4764868;*

**Pef TY Lf Ta Z a Q QLNf a d e LQQPNf TZ R QIZLZNILW  
ef LMWIF k Qa d f S P d Pb g MWN a Q Ld Y PZ IL**

**Rdbxv q Rr Qtr q**

] j wj | fs Vyf yj Xs rj wky». SmOGOrs Hhtstr rhx  
l zwj s l fxufwfsC «f nt t Qtr

RUFLG LG=m yux=It whi Q w 1222; /2222/3; 99/7253

**S r Dp z©Vr Qtr q**

] j wj | fs Vyf yj Xs rj wky». Pfxj wx Vyzij sy  
mf x r npQfxmf s rfsC l r f r Qtr

RUFLG LG=m yux=It whi Q w 1222; /2227/89: : /; 366

**Ls M**art@l rs fs hrfq xyf grqy». rx tsj tk ynj ht wj ht r ut sj syk tk  
xz xyf rs f gqj i j | j q ur j sy0Wmx uf uj wfsf q»j x pj « kfhyt wx fkj hy s l  
ks fs hrfq xyf grqy». g« zxsl f l rs fs hrfq Vt zsi sj xx ls i j' fx f uvt' «0  
Wj r fs i j xyf yts tk ynj uf uj w rx yt ks i kfhyt wx ynf yf wj st y  
t g| rt z x fy kwyOl t wymx j' j whxj ~j zxj i ROV r j ynt i 0Uj xz qx xnt ~  
ynf y rs hwy f xj x rs ynj rs yj wj xy wj yj xu yj fi . r tsj yfw g f xj f si l w t xx  
rs yj wsf yts f qw yj wj x m f | j f ut x y r j rr ufhy ts xyf grqy». ~nj wj fx  
ml nj w l t | j w s r j sy wj | j szj x r f « wj i zhj ry0Wj wj xz qx hfs gj  
rr uqj r j sy i rs ut qh« i j hrx ts r f p r s l uvt hj xx0

**VvQl QbuQ** ks fs hrfq xyf grqy». ks fs hrfq xt zsi sj xx rs i rhfyt wx.  
ks fs hrfq xt zsi sj xx rs i j' . ROV r j ynt i . lP l

**UPWt Quv=H6**

**d v Qv r Ety r zP L=yt** z s ht | j w kfhyt wx fkj hy s l ks fs hrfq xyf grqy»  
fsi j' uqf rs ynj r j hmfs rxr x ymt z l m ~mthmynj xj kfhyt wx rs kqj s h j  
ynj xyf grqy» t k ynj ks fs hrfq x yj r 0

**dvBvrtty qnhyw** kt hz xis l t s kfhyt w ynf yf wj st ywfi nyts f qk  
ht sxi j wj i rs fsf qxj x t k ksfshrfqxyfgray«OE« rs ht wut wfs l ynj xj  
qxx tg|rtzx i j yj w rsfsyx. ynj wj xj fwhm uvt |n j x f gwtfi j w  
zsij wqfsi rs l t kynj i wj j w t k ksfshrfqxyfgray«xyj r wj xqj shj 0

### 19.2.7.1.2.1.4

D ~j qkzshyts rs l ksfshrfq x«xyj r hfs gj xj wj i fx f pj «  
j s l rs j t k j htstr rh l wt~ym g« kfhyfys l j kkrhj sy r fyzwq« fsi  
qvz n ryk ywfsxkt wr fyts. huj i ryrsj wj i fyt s fsi ynj uvt |n xts t k  
t ynj wksfshrfqxyj wj rhj x0

I rsfshrfq xyfgray« rx fqt tsj t k ynj ht wj htr utsj syx t k  
xzxyfrsfqj i j j qur j sy rs r t i j w s j htstr nj x0 ly j s xz wj x ynj  
wj xqj shj t k ynj j htstr rh x«xyj r yt gtym rsj wsfqfsi j' yj wsfq  
xmt hpx. xzuut wj ynj j kkrhj sy f qk hfyts t k wj xt z wj x fsi uvt r t yj x  
qsl /yj wr j htstr rh l wt~ym0 ls ynj ht syj' y t k ynj Uj uzgqk t k  
Dw r j s r f. fxxj xxrs l ksfshrfqxyfgray« rx j xuj hrfqk rr ut wfsy0

Wj l qgfq ksfshrfq hwxix fsi wj l rsfq rsxyfgrayj x wj l j wj i  
ksfshrfq rr gfqshj x. ymzx wj | j f qsl | zqj w fgrayj x rs ynj ksfshrfq  
x«xyj r 0Wmx rs yz w s zsi j wqj x ynj xh s ksfshj t k z s ht | j w s l fsi  
j k j hyrj qk r fsf l rs l x«xyj r rh wpx0Wmx ufuj wj i wj hyj i yt~fw x  
fsfq»rs l rs i rhfyt w t k ksfshrfq xyfgray«. ht s xyw hys l f I VL  
\* rsfs hrfq Vtzsi j xx ls i j' + fsi j xyw fys l kfhyt w rs kqj shs l  
ksfshrfqxyfgray«0

Wj wj xy t k ynj ufuj wj x t w f s n j i fx kt qk ~x=ymj xj ht s i uf w y  
xz r r fwj x ynj i f yf. ynf y rx zxj i 0Z j wj uwj xj s y ynj I VL ryx  
j' uqfsfyts. ynj wj xz qx t k ynj j htstr j wj h r t i j q ~ym wj q | fsy  
| fwfgj x fsi ynj nw rs yj wu wj yf yts x rs ynj ymmi uf w y0

## የኢትዮጵያውያንድ ተቋማዎች

f yv t 7F t79v 927w Qe Tr Lv Q29r 9t zr Ue 7d9u 9v 22 T9uz r 81E2

Wj rs i rhfyt w~j wj uvt ut xj i g« ynj ls yj ws fyt sfq Ptsj yfwk l zsi  
\*LP1 +0 Wj LP1 ij jj q uj i ynj r f rs rs i rhfyt wk rs xunyj i g« ynj  
FDP HOV wfysl x«xyj r \*LP1. 423 +0 Wj rs i rhfyt wk rs hqj i j i rs ynj  
rs i j' hfs gj i hqj i rs yk t zwr f rs hf yj l twj x=hf unfqfij vzf h«  
\*F unfqfij vzf h« Ufyt fsi Ufyt tk QSOx sj y tk uvt | xrt sx yt  
hf unfqfij fxxj y vzf qy« \*Ufyt tk QSOx yt yt yf qf fs x+ qvzn i ny« \*Ufyt  
tk qvzn fxxj yk yt yt yf qf fxxj yk fsi Qt fs/yt/i j ut xry wfyt + fsi  
uvt kf yf gry« \*Uj yz ws ts fxxj yk. ls yj wj xy r fw rs/yt/l vt xx rs htr j  
wfyt fsi Qt s/rs yj wj xy j' uj s xj x/yt/l vt xx rs htr j wfyt + \*Fnj fs l Q0  
fsi Fmt« l0 4232 +0 Wj knwy. t z w y m fsi kn y m rs i rhfyt wk fwj  
xt z w h j i kn tr ynj ~j g x y j t k ynj Fj s y w f q E f s p t k D w j s r f \*FED+  
~m q ynj t ynj w k fwj yf p j s kn tr ynj LP1 i f y f g f x j 0

ഫ്രെം റൂഡ് റൂഡ് റൂഡ് റൂഡ് റൂഡ് റൂഡ് റൂഡ് റൂഡ് റൂഡ് റൂഡ്

I Vlej r ueh«hq e / Wj h«hqhfqht r utsj sy t k l VLij wj j i ktr  
j r uwqhfqst wr fop yts.

e3: 2e3<e / Wij i rkj wj shj gj y~jjs qsi rs1 fsi i j ut xny rsy wj xy  
wfj x kt wr fy zwnj x gj y~jjs 3.2 if<x fsi 3<j fw

GQ t | ej | e | J t | j w s r j s y w j | j s z j x. q l | y w f s x k t w r j i | z x r s l | y n j  
s f y z w f q q l f w y m r f s i i n k i w s h j i y t y n j k w k y t w i j w

GPEe / Ptsjywfwk gfxj. q1/ywfsxktwrji zxrs1 ynj sfyzwfq  
q1fwymr fsi i rkjwshji yt ynj knkwytwijw

GOUj xe / J wtxx rsyj wsfyrtsfq wjxjwjx tk Dwrjsrf. q1/ ywfsxktwrji zxrslynj sfyzwfqq! fwymr fsi i nkjwjsjhi yt ynj knwy twijw0

Wj r t i j qnx j xyr fyj i g fxj i ts r ts ym i fyf ktr Mszfw  
4232 yt Rht gj w4246 \*39: t gxj wfytsx+0Z j yf pj ql/i nkj wj shj x  
tk l t | j wsr j sy wj | j szj x. r tsj yfw g fxj. fsi l wxx nsy wsfytsfq  
wj xj wj x tk Dwr j srf yt j s xzj x yfytsfwy «0 l tw l VL ~j zxj i  
Kti whp/Swj xht y \*KS+koy wyt j ' ywfhyymj yrr j /| fwrs l yj si 0

### dvOrkty LvDw

Dhht w i s l yt ynj Fj s ywfqEfsp t k Dwr j srf. ksfshrfqxyfgrwy « x  
ynj fgrwy « tkf ksfshrfqxy « xj r . n0 Oksfshrfqrsxnyzr tsx. r fwj yx.  
fsi r fwj y rs ksfshrfqxy « xj r . yt ~ymxfsi utxxrgj xnt hpx fsi  
rr g ffs h j x. ymx wj i zhrl ynj qpj qnt ti tk i nxwzuyts t k ksfshrfq  
rsy wj i rfyts ksfshrfqxy « Fj s ywfqEfsp t k Uj uzgq t k Dwr j srf 0  
l s fshrfqVfygrwy « 0

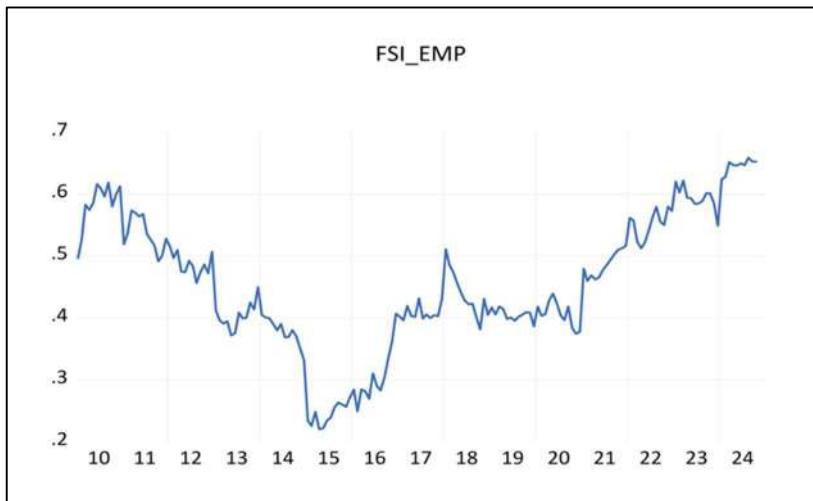
Wj l tfqt k ksfshrfqxyfgrwy i t j x s t y m u q x y f g r w y « t k f x s l q  
ksfshrfqrsxnyzr ts. gzy ynj x y f g r w y « t k y m j j s y m j ksfshrfqxy « xj r 0  
ls ymx ufuj w ~j zxj l VLfx f uwt ' « ktwksfshrfqxyfgrwy « 0



Syw úu 85SdV.sq:s :q ut r q y ysq: öéúá q:y q yéö0

W hfqzqfj I VL ~j xntzq stwr fqj ynj rsirhfyt w0 Wj  
 rsirhfyt w hfs gj stwr fqj i xyf yxyhfqj twjr utwhfq0Z j tgyf  
 y~t rsijxj x i j wjji ymztzl mxyf yxyhfqfsi jr uwihfqs stwr fqfyt s  
 r j ynt i x. wj xuj hyrj q0

Qyf gq. ynj rsij' wj kqj hyx mxytwhfq j jjsyx yrfy mf|j  
 xntzqf s yqj rr ufhyj i ynj ksfshrfq xyf gqj tk Dwr j srf0 Gzwsl  
 4232/4233. ynj rsij' xnt~x fs zu~fw yj si. rsirhfysl utxy/hwxn  
 wj ht |j wk ktqf~rs1 ynj 422: lqf q ksfshrfq hwxn0 Wj rsij'  
 i j hwj fxj x rs 4234/4237 wj fhmsl rjx mxytwhfq r rsrr zr tk 2014  
 \*h zyj 4-0 Wj |xrgj xnfwu i wt u gj l rsrs1 rs 4236 hfs gj  
 i j xhwgj i fx wj xzqj tk ynj 4236 ksfshrfq hwxn rs ynj Uzxxrfs  
 l j i j wfyt s0



Syw úu 95SdV.sq:s :q ut r uá ñyújs öëúá q:y q yëö0

Wj i j hqsj i zws1 4234/4235 ~fx qfwj qj i zj yt rs hwj fxj rs  
 Ufyt tk QSO s j y tk uwt |xrt s x yt hfuryf q ~mthm ht zqj ut xxrgj gj

i wj s g« xq~it~s rs j htstr rh l wt~ym\*70( /304( +\*FjsywfqEfsp  
t k Uj uzqhtk Dwr jsrf0l rsfshrfqVyfgrqy+0

Wj uj wt i 4237/423: hfs fl f rs gj rs yj wu yj i fx f wj ht | j w  
unfxj 0l wtr 423: yt 4242. Dwr jsrf x j htstr «j' uj wj shji tsj tk  
nyx r txy i nkhdzq uj wt i x rs hqj i s l FRYLG/3; fsi Qfl twst/  
Nfwf gfp m~fw 0l wtr 4243 yt 4246. rs wj xut s xj yt ynj j xhfqf y s l  
l j t ut qyhfqxyzf yts rs ynj Uzxxrf/Xpwf rs j wj l ts. r fs «ht zsyw j x  
fsi rs yj wsf yts f q t w f s n f yts x /r ut x j i xf sh yts x ts Uzxxrf 0Dx f  
wj xzq. f q w j s z r gj w t k u w t k x x t s f q k w t r l Wj h t w w j q h f y j i y  
Dwr jsrf0 ls f i i yts yt rs i q n i z f q. x h q w j h t r u f s j x f q t  
wj q h f y j i k w t r Uzxxrf yt Dwr jsrf \*Ptij'. 4246+0 Gzw s l ym x  
uj wt i ynj rs i j' w j f h m j i nyx m l n j x y | f q j 0Z j hfs f q t x j j f i w t u  
rs 4245. ~mhm x ynj wj xzq t k ynj wj q h f yts t k Dwr jsrf s x k w t r  
Qfl twst /Nfwf gfp m~0

Kf | rs l ht s x w j h y j i ynj l VL ~j hfs t g x j w j nt ~ Dwr jsrf x  
k s f s h r f q x y f g r q y x f y f y y n j ; 7( ht s k n j s h j q | j q Wj ht j k k h n j s y x  
r n u t w y f s y v z j x y t s = Z n f y k f h t w w f l j j k j h y t s k s f s h r f q x y f g r q y x f  
Dwr jsrf BW f s x ~j w y m x v z j x y t s. ~j j x y r f y j j h t s t r j y w h r t i j q  
z x s l R w rs f w Q f x y V v z f w j x \*R O V + r j y n t i 0

$$FSI\_emp\_cycle_t = -0.011 + 0.759 FSI\_emp\_cycle_{t-1}$$

$$+ 0.002\_180\_1 y_{t-1} - 0.060 D L G o v \_ r e v_{t-1}$$

$$+ 0.114 D L M B_t + 0.055 D L R e s_t$$

Dqj ht j k k h n j s y x t k ynj | f w f g q j x rs h q j i j i rs ynj r t i j q f w  
x y f y n x y h f q j x n l s k k h n f s y f y y n j ; 7( ht s k n j s h j q | j q Wj ht j k k h n j s y x  
t k f q j | f w f g q j x f w j a rs y q x n l s k k h n f s y. f x x n t ~s g« ynj l /x y f y n x y h x 0  
Wj r t i j q j ' m g n y x f w j q y j q m l m U^4 | f q j . ~m h m x s t y j ~t w y m  
l r j s ynj s f y z w j t k y r j x j w j x i f y f 0 D s f i i y t s f q x y w j s l y m t k y n j

r t i j q r x ynf y ynj Gzwgrs/Z f yxt s \*GZ + xfyxhyh r x hq xj yt 4. xzlljxysl st xh s hfs yf zyt ht wj qf yts 0

Z j s j j i yt i j y w r s j ~nj ynj w ynj J fzxx/Pf wpt | \*j P + fxxzr uyt s x fwj xfyxkj i tw st y0 ly r x j | n j s y ktr ynj r t i j q xuj hkhf yts ynf y gt ym qsj fw yk r s ufwfr j y w fsi fgxjshj tk uj wj hy ht qsj fw yk f wj xfyxkj i 0

eqr:u 85Sqs éú Nwus yöwëö Syöqösyq: d qryy

| Dependent Variable: FSI_EMP_CYCLE            |             |                       |             |           |
|----------------------------------------------|-------------|-----------------------|-------------|-----------|
| Method: Least Squares                        |             |                       |             |           |
| Date: 04/28/25 Time: 22:57                   |             |                       |             |           |
| Sample (adjusted): 2010M03 2023M12           |             |                       |             |           |
| Included observations: 166 after adjustments |             |                       |             |           |
| Variable                                     | Coefficient | Std. Error            | t-Statistic | Prob.     |
| FSI_EMP_CYCLE(-1)                            | 0.765338    | 0.047531              | 16.10201    | 0.0000    |
| _181_1Y(-1)                                  | 0.002017    | 0.000781              | 2.581823    | 0.0107    |
| DLGOV_REV(-1)                                | -0.057268   | 0.019201              | -2.982598   | 0.0033    |
| DLMB                                         | 0.107448    | 0.025599              | 4.197262    | 0.0000    |
| DLRES(-1)                                    | 0.055977    | 0.025917              | 2.159849    | 0.0323    |
| C                                            | -0.010671   | 0.004319              | -2.470884   | 0.0145    |
| R-squared                                    | 0.651874    | Mean dependent var    |             | 0.000846  |
| Adjusted R-squared                           | 0.640995    | S.D. dependent var    |             | 0.036005  |
| S.E. of regression                           | 0.021573    | Akaike info criterion |             | -4.799253 |
| Sum squared resid                            | 0.074465    | Schwarz criterion     |             | -4.686772 |
| Log likelihood                               | 404.3380    | Hannan-Quinn criter.  |             | -4.753596 |
| F-statistic                                  | 59.92067    | Durbin-Watson stat    |             | 1.906516  |
| Prob(F-statistic)                            | 0.000000    |                       |             |           |

Dx r s ynj j xj wj x fsf q xrx x yw hy j 't l j s j nyk r x t k j s i hkhz q y t r j j y ynj ~j fp j 't l j s j nyk r x htr r t s q f hhj uj i E(ε<sub>t</sub> | x<sub>it</sub>) = 00W j s xzwj ym. g fxj i ts j 'u j w yz i l r j s y fsi r t i j q i r f l s t x y h x ~j s j j i yt | j w k yk ynj f g xj s h j t k tr nyj i | f w f g q x ynf y f wj ht wj qf y i ~y m r h q i j i w j l w j x x t w. r n x u j hkhf yts t k k z s h y t s f q k w r w j l j w j h f z x f q f s i x x y j r f y h r j f x z w j r j s y j w t w k O D g m t z l m y m

r t i j qnf x f wj qf yl j q mtl mR<sup>2</sup> kt wf yrr j xj wj x wj l wj xxrt s. ry rx sty  
hqt xj yt 3. xz l l j xysl ynj ut yj syf quw j xj shj tk tr nyj i |f wf gqj x0  
Rsj uqf zxrgj tr nyj i |f wf gqj rx nt zxrs l uw hqj x. ~mthm r f «  
rs kqj shj ksf shrf qxyf gqj x0 Kt ~j |j w ynj « fwj qpj q zsh t wj qf yj i  
~yml t |j vs r j sy wj |j szj x. r tsj yfw gfaxj tw l wt xx rs yj vs fyrt s f q  
wj xj wj x0 Pnxuj hkhf yts tk kshyrt s f q kt wr ~fx yj xyj i zxrs l  
Ufs xj « UHMHW yj xy. ~mthm ~fx sty wj qhj i 0 Gf yf ~j wj xt zwhj i  
kt r wj xj i rs xnyz yts x zhmfx ynj Fj sywf qEf sp t k Dwr j s rf. LP I  
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r rs n j x ynj wpxpt kr j fxz wj r j sy j wt wOR |j wf q ~j ht shqj i ynf y  
ynj fxxzr uyt s tk ~j fpj 't l j sj nyk rs xf ynkj i 0

Wj r t i j qrx mtr t xpj i fxyrh. ~mthm ~fx |j wrk j i g « Ew j z xhm/  
Sf l fs/J t i k j « yj xy 0

Vj wf q ht wj qyrt s ~fx yj xyj i zxrs l Ftwj q l wfr T /xf yx yh x0  
Wj u/|f qj x kt wf qpf l x j 'h j j i j i 2027. ht s kwr rs l ynj f g xj shj tk  
f zt ht wj qyrt s rs ynj wj xri zf q 0

Vt. ~j hfs rs xny. ynf ynj wj l wj xxrt s hqj fwq xf ynkj x f qk kqj  
J fzxx/Pf wpt | fxxzr uyt s x0 Wj wj kt wj . ynj ht j kshyrt s y  
ht s xnyj sy fsi fx « r uyt yh f q st wr f qk i nywrgzy j i \*Hs i j wk Z 0  
4237 40

Wj j xyr fy j i r t i j qrx f knwy tw j wf zt wj l wj xxr j uwt hqj xx DU  
\*30 ls fs DU \*3+ uwt hqj xx. ynj rr ufh y t k f xnt hp rx ynj t wj yh f qk  
rs kshyj rs i z w f yts gzy i rr rs xnyj x t |j wyr j 0 Rsj uj whj syf l j ut rs y  
rs hqj fxj rs ynj rs yj wj xy wf yj xu wj fi gj y~j j s q fs x fsi i j ut xny f y  
yrr j y qf i x yt fuuwt 'rr fy j q 2024 zsyx rs hqj fxj rs l VL fy yrr j  
y 30 ls ynj xnt wj yj wr ynj mtl nj w xu wj fi rr uqj x f l wj f yj w uwt k y  
r fw rs kt wgf s px. ~mthm j s n f s hqj x ynj w h f u f h yk yt fgxt w g ut yj syf q  
q xxj x. ynj wj g « ht s ywrgzy s l yt ksf shrf q xyf gqj x0 Z j hfs f qk

r j s yts ynf yry mfx i zf qj kkj hy. rs qsl /1r n /j wr OD wxj rs xuwj fi  
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 fy yrr j ynx fxxt hrfj i ~ymfs fuuvt' rr fyj i j hwj fxj tk2Q7; ; 1322  
 rs ynj VLLOW' wfj rs hwj fxj x wj xzqjx rs xq~i t~s rs ynj j htstr «  
 fsi rs ynj ksfshrfq xj hyt w ~mhm nx wfxxs1 i j kfzq wpxpx fsi  
 ~j fpj s1 uwt kryfgray«0 Z njs ynj r tsjyfw gfaxj lwt~x g« 3  
 uj whj sy ynj VLjy si x yt wxj g« wtzl m 2035913220Wj rs hwj fxj  
 tk r tsjyfw gfaxj r jfsx j' wf qvzni ny« rs gfsps1 xj hyt w fx  
 r tsjyfw gfaxj ht s xnyx t k wj xj wj x t k gfspx rs ynj Fj s ywfqEfsp.  
 ~mhmj smfsj x ynj wj xqj s h j t k ynj ksfshrfq xj hyt w0Vrr nfwq. ynj  
 rs hwj fxj tk lwt xx rs yj ws fyt sfqyj xj wj x ht s ywqzj x fuuvt' rr fyj q  
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 Wht zl my ynj sij' ~j hfs xj j ynf yksfshrfq xyfgray« rs Dvr j srf mfx  
 gj j s xh s ksfshfs yq f k j hy i g« r f d w mxyt whf qj |j s yx xz hm fx ynj  
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 FRYLG/3; ufsi j r m. fsi ynj 4242 Qfl twst/Nfwfgfpm ~f w0 Wj  
 rsij' fqt j k j hy j q mxyfj x uj wti x t k wj ht |j w0

XxrsI ROV r j ynti . ~j mf|j ktzsi . ynf yrs hvj fxj rs ynj rs yj wj xy wfj xuwj fi . r tsj yfwk gfaxj fsi lwt xx rs yj rs fyt sfq wj x r f« mf|j f ut xnyj rr ufh yts ksfshrfq xyf gnyk . ~muj fs rs hvj fxj rs lt|j rs r j syw|j szj x r f« mf|j f sj l fyrj j kq hy0

D qtr nyf yts tkynj xyz i « rx ynj qhp tki fyf ts h j wj rs | fwf gq x . xz hmf x nt zxrsI uw hj x ~mthm htzq gj j ' uq wj i rs kzy wj Ol zywj fsf qxj x htzq fqt rs ht wut wfj sts/gfsp rs xyyz yts wj qy i ht r utsj syx rs yj l VLO Di i nytsf qk . kz wj w xyz i j x r n my j 'fr rsj nt ~ ynj xj ksi rs l x r n my gj rs yj l wfj i rs yj ut qh«/ r fpr sI uwt hj xxj x0

## dvwlvqtvDE

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40 O t öy 3X3B0q:q y3Z 5u q: . \*4242-0 KoSywSu sj bwotso hfsjh lfs h u ursz uu07/52 .

50 Fj syf qEf sp t k Uj uz gq h t k Dwr j srf 0 ABo Sqwz blppwly \*Vtz whj = myux=1l~~~@fr 1m1kfs hqf qxyf gnyk+1

60 Pxuqöw@l Bqöt Pxë 315\*4232-0J uut s uolfs ABo Sqwz blppwly RRs yptutroS Notz f ots wSu b: hfs < . uu033/38 .

70 Röt uu 3h 5\*4237-0J qqzor NguSuL sly cws bstw h uu069/335 .

80 IPI \*423-0 ABo Sqwz buj SrSj h RRs yqoluth Luq qwolus Pj ws . uu0 42/4 :

90 IPI \*4228-0 ABo Sqwz b: hfs < blppwly J hfsjh < sSl uu08/35 .

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by  $p \leq 46B^{468}$ ;  $D \leq 46B^{468}$ ;  $D \leq q \leq 46B^{468}$ ;

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RvxyrP eP s rPq

Szgqj Di r is nxywfyts Dhfijr « t kynj Uj uzgqj t k

Dw rjsrf. SmG0xyzijsy

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Ls Marta ls ymx fwyhj. ~j mf|j xyzijj ynj utxxrgj kfhyt w  
fkj hyrs | t yj w<sup>l</sup>kyj ~nqj' uvj xxrfs fsi ynj xj hwj h« t kynj nw|t yj is  
ynj QfytsfqDxxj r gq fsi uwtut wytfsfqj q hyt wfqx«xyj r kt wq hfq  
l t |j wsr j syj q hytsx0Gzwsl ynj wj xj fwhm ~j mf|j j'fr isj i ynj  
Hj hyt wfqFtij t kynj Uj uzgqj t kDw rjsrf fsi ynj stw x xj yg« ynj  
htsxyzjtsfqf~. ~mhmj sxzwj ynj r f'ir zr uwt yj hyts tk|t yj w<sup>l</sup>  
kyj ~nqj' uvj xxrfs fsi ynj xj hwj h« t k ynj nw|t yj 0lx fsfq»j i ynj  
hz wj syj l nxyfyt s. ynj ut yj syfqkfhyt w<sup>l</sup> kqj shs | t yj w<sup>l</sup>kyj ~nq  
j' uvj xxrfs. fsi xyfynxyhfqif yf ts j q hyts x is wj hjsy «j fw0Wj  
hz wj sy j l nxyfyt s xntzj kqf fii wj xx fs« hfxj x ~nj wj | t yj w  
r r my gj is kqj shj i. fsi ujsfqjx fwj i j kqj i g« ynj q~ kt w  
t gxywzhyrs | t yj w<sup>l</sup>kyj ~nqj' uvj xxrfsOKt~j |j w is ymx fwyhj. ~j  
kt hz x styt s ynj ht s xj v zj shj x. gzy wf ynj wts n j sykks | j' nxy s  
l fux fsi ut yj syfqxtqytsx yj s xzwj | t yj w<sup>l</sup>xj hwj h« is ynj nw|t ysl  
hnt rhj x fsi yj uwt yj hy ynj r ktr fs« j' yj wsfq is kqj shj. ynzx  
l zfwfsyj j isl ynj uwt yj hyts tk|t yj w<sup>l</sup>kyj ~nqj' uvj xxrfs fsi ynj  
xj hwj h« t k ynj nw|t yj 0ls ynj qxyij hfij. ynj j q hyt wfqut hj xx mfx

gjjs yj hmstq l rhfqq m uwt | j i . fsi ynj uwt | nxrt s t k xj hwj h« mfx  
gjjs jsnfsj i . yntzl mynj xj m uwt | j r jsyx it sty kqj jsxw j | t yj w<sup>l</sup>xj hwj h« fsi ynj nw kqj ~nqj ' uwy xxrt s 0 Wj vj l zqytsx  
j xyf gqxnj i g« ynj Fj sywfqHj hyt wfqFtr r nxrt s t kynj Uj uzgqj t k  
Dw rjsrf vj l fw i s l ynj j q hyt wfq uwt hj xx mf | j gjjs vj kqj i t | j wynj  
ufxy i j hfi j 0

**VwDl QbuDE** Qfytsfq Dxxj r gq. q hfq xj q l t | j ws r j sy gt i j x.  
j q hyt sx. gfa q yufuj w j xyf gqxnj i kt w

**UPWt QuvDEN3. N5**

**dvDrLty rza DE** ynj f m t kynj vj xj fwhmrx yt n j sy n ynj ~f «x  
kt wi j | j q ur j syt kqj j q hyt sx ts ht r r zsy. ~rhmfw j m uwt | s l  
ht r r zsy | t | j wfshj fsi uwt ut wyt s fqij j | j q ur j syt kqj hfqj 0

**dvDrLty qnhvDE** ynj vj xj fwhm vj | j f q i j ' n y s l l fux fsi  
ut yj syf qxt qytsx yt j sxw j | t yj w<sup>l</sup>xj hwj h« s ynj nw | t y s l hnt rhj x  
fsi yt uwt yj hy ynj r ktr fs « j ' yj ws f q s kqj s h j

### TAQIUDT QFIA

Wj r fs n j xyfyt s t khynj sx kqj ~nqj zw s l j q hyt sx n t k p j «  
m u t w y f s h j k t w x w j s l y n j s l i j r t h w f h « s ynj xyf y 0 l s ynj  
Uj uz gqj t k Dw rjsrf. q hfq xj q l t | j ws r j sy gt i j x fwj kt w j i  
yntzl mynj | t yj x t k w j x n j s yx t k f l r j s ht r r zsy ~n t mf | j  
wj f hm i ynj fl j t k 3 fsi mf | j ynj wl myt | t yj a30Wj l zfwf s y t w  
t k y w f s x u f w j s h «. k f m s j x x fsi xj hwj h« t k j q hyt sx n ynj hz w j s y  
q l n x f y r j vj l zqytsx. ~mthm i j k s j ynj | t y s l uwt hj i zwj fsi ynj  
h w h z r x y f s h j x k t w s | f q f y s l gfa q y t k f h j w y f s x f r u g a40Wj w j  
fwj l fux s ynj hz w j s y q l n x f y t s. ~mthm hfs f k j hy ynj  
ht s k i j s y f q y « t k | t yj w f s i ynj j ' uwy xxrt s t k kqj j ~nqj

Wrx fwyhj yfpj x f sj ~ qtpfyynj sfyzwj tkynj t gxyfhj x ynf y  
 fwxj rs ynj uwt hj xx tkj 'j whxrs l ynj wl myt |tyj. htr grsrl qlfq  
 xt hrfqfsi yj hmst qrl rnfqkfhyt w0 Wj xhj sykh st |j qk qj x rs ynj  
 kt qf ~ rs l = rs ynj x<sup>»</sup>xj r fyrh hfxxrkrfyts tk t gxyfhj x. f r zqf  
 qf j vj i fsfqxx tkynj kfhyt w ynf yzsij w rsj j qhyt wfqkij i tr rx  
 uj xj syj i kt w ynj knkj ynj. i rni j i rsyt j'y wsfq \*qj l ncfyj j  
 xnt wght r rs l x+ fsi rs yj wsfq \*qhp tk hnyjs f~fwj sj xx. kj fw  
 t gxyfhj x0

Dsfqxx tkynj wl myfhyts ht sywf i rhyts = ry rx uwt |j s ynf ynj  
 ht sxyzyt sfq l zfwfsyj i wl myt kj j hnt rhj rx st y wsfhyhfq  
 j qf rsfj i izj yt ynj xnt wght r rs l x tkymj r j hmfsxr x tkv fqlkj j  
 hnt rhj 0 lsst |fyrj uwt ut xfq kt w t |j wght r rs l ny fwj uwj xj syj i =  
 xuj hnk h wsfhyhfq fsi rs xzyt sfq xt qyts x fwj uwj xj syj i =  
 qj l ncfyj j hmfs l j x. ynj zxj tkj hmst qrl rnfqr j fsx0

Vhj shj. yj hmst qrl j x fwj rr uwt |j i «j fw g« «j fw ~mhm nf |j  
 styt sfq f ut xryj gzyfqt f sj l fyrj rr ufhys ts ynj r fs nqj xyfyt s  
 tkynj kj j ~qpt k |t yj w0

### dvOrRty EvDw

Wj wl myt |tyj tk hnyjs x tk ynj Uj uzgqh tk Dwr jsrf rx  
 i j ksj i g« ynj Hj hyt wfq Ftij tk ynj Uj uzgqh tk Dwr jsrf  
 \*Fts xzyt sfqOf ~+ gzy ~j nf |j l fux rs ynj Hj hyt wfq Ftij. ~mhm  
 hwj f yj x fs t uut wzs nyk yt nf |j f ut xxrgj rr ufhys ts ynj |tyj w& kj j  
 ~qpt hnt txj 0Dhht w rs l yt ynj Hj hyt wfq Ftij tkynj Uj uzgqh tk  
 Dwr jsrf \*Fts xzyt sfqOf ~+ i j ksj x f uwt |rs ts uj wts x. ~nt  
 fwj zsfqj yt kqpt zy ynj gfqf yrs i j uj si j syq. ~nj wj ynj wj rx st  
 j xyf gqxnj i hnyj wts kt wi j krs l uj wts x0

D | t y w~nt n z s f g q j y t k o p t z y y n j g f o p t y r s i j u j s i j s y q m f x y n j w l n y. f k y w s k t w r s l y n j h m f w r f s t k y n j h t r r n x x t s. y t r s | r y f s t y n j w u j w k t s y t y n j | t y s l g t t y m ~nt r z x y s t y g j f r j r g j w t k y n j j q h y t s h t r r n x x t s. u w t ' «. t g x j w l w u w j x j s y f y r l j t k y n j r f x x r j i r f. t w | r x y t w O D u j w k t s m f x y n j w l n y y t f x x x y t s q t s j | t y w~nt n z s f g q j y t k o p t z y y n j g f o p t y r s i j u j s i j s y q > y n j u w t h j x x n w j h t w i j i r s y n j w j l n x y w t k y n j u w j h r s h y j q h y t s h t r r n x x t s 0 H h j u y k t w y n j f g t | j / r j s y t s j i h f x j. y n j u w j x j s h j t k f s t y n j w u j w k t s r s y n j | t y s l g t t y m ~m j k o p s l t z y y n j g f o p t y n u w t m g r y i 0 W h j i f y f t k y n j u j w k t s f x x x y s l f | t y w~nt n z s f g q j y t k o p t z y y n j g f o p t y r s i j u j s i j s y q n w j h t w i j i r s y n j w j l n x y w t k y n j u w j h r s h y j q h y t s h t r r n x x t s 0

ls y m x h f x j. y n j w j x y w h y t s t s f x x x y s l f | t y w f u u q j x t s q y t h j w f r s u j w k t s x j s x z w s l y n j j q h y t w f q u w t h j x x \* r s f h h t w f s h j ~ n y m y n j u w t h j i z w j j x f g q x m j i g « y n j F t i j = f r j r g j w t k y n j h t r r n x x t s. f u w t ' «. f s t g x j w l w f w j u w j x j s y f y r l j t k f r f x x r j i r f t z y g j. f | r x y t w n t ~ j | j w f s t y n j w u j w k t s. ~ n t m f x f h j w f r s r s k o p t j s h j t s y n j | t y w r f « n r u t x j m x ~ n q t s y n j | t y w f s i r f « g j ~ n y m y n j | t y w r s y n j u t o p s l g t t y m r s t w j w y t | j w k « y n j i r h y f j x t k m x ~ n q r s y m x h f x j. y n j | t y w ~ n q r f p j f h n t r h j f l f r s x y m x ~ n q f s i y n j | t y w k w l n y y t j ' j w h x j m x k y j ~ n q ~ n q g j | n t q y j i 0 ls f i i n y t s y t y n j u j w k t s x i j k s j i g « y n j F t i j. r s h o p i r s l u j w k t s x ~ n t m f | j f u t x x r g j r s k o p t j s h j t s y n j j ' j w h x j t k y n j | t y w k k y j ~ n q r s y n j q x y t k y n t x j ~ n t f w j z s f g q j y t f x x x y | t y w k ~ n q l z f w f s y j j y n j j ' u w j x x t s t k y n j | t y w k k y j ~ n q p Z n y m y m x q t u m t g j. f u j w k t s ~ n t m f x s t k f r n q h t s s j h y t s ~ n y m y n j | r j s | t y w r f « m f | j f s n r u f h y t s y n j | t y w k k y j ~ n q f s i m x w l n y y t | t y j 0

Dhht wi rs l yt fst ynj wuvt | nrt s t kynj Hj hyt wfqFt i j t kynj UD  
 \*Ftsxyyzyt sfq Of~+ ynj hwij wf kt w f | fqi gfa y kt w ynj  
 uvt ut wyt sfq j q hyt wfq x«xyj r fwj j xyf gqxnj i. ~mhm r zxy  
 | zfwfsyj ynj htskij j syf qy t kynj | t yj w ~mhm xntzq st yf q ~  
 t ynj wuj wkt sx yt vj | j f q ynj htskij j syf qy t kynj | t yj w i j h xrt s.  
 kt w j 'fr uqj. ymvtzlm xuj hrfq r fwpsl x0 Hj hyt wfq Fti j t k ynj  
 Uj uzgqh t kDw r j srf \*Ftsxyyzyt sfq Of~+j xyf gqxnj x ynj kt qf ~rs l =  
 ✓ ls ynj hfxj t k j q hyt sx yt ynj Qfyt sfq Dxxj r gq fsi ynj  
 htr r zsyk htzshq nj q zsi j w ynj uvt ut wyt sfq j q hyt wfq  
 x«xyj r . f gfa y t kynj j xyf gqxnj i xfr uqj n | fqi rkryshq i j x  
 fs« st yj x twr fwpsl x0  
 ✓ Dr r st w | n t q yrt s t kynj j xyf gqxnj i kt wr hfsst ygj htsxnj wj i  
 f gfr x n kt w ynj n | fqi ny t kynj gfa y. rkynj | t yj w s yj syt s n  
 hq fwfsi zsf r gnt z x0  
 ✓ D gfa y t kynj j xyf gqxnj i xfr uqj n | fqi rkry n st y n | fqi 0  
 ✓ lkynj wj n fst ynj wnj r n ynj j s | j q uj. n f i i yrt s yt ynj gfa y.  
 ynj s ynj gfa y n hfs hq j i ~ymymj j s | j q uj fsi ynj rj r n ynj  
 j s | j q uj n xz hmf ~f« ymfy i zws l ynj wj htzsyry n ut xxrgj yt  
 htskwr ynj uwj xj shj t kynj rj r ODs fuuvt uwf yj j syw n r fi j  
 n ynj wj l nxyj w0

ly n st yj ~t w ym. ymfy zsyq Mszfw 3. 4247. ynj gfa y ~fx f q  
 n | fqi rkynj wj ~fx fst ynj wnj r n ynj j s | j q uj. n f i i yrt s yt ynj  
 gfa y. gzy ktr Mszfw 3. 4247. ynj uwj xj shj t kf st ynj wnj r n  
 ynj j s | j q uj ~nqgj htsxnj wj i | fqi fkj w ynj wj q | fsy q | nqf y n  
 fr j s i r j s yx. ~mhm hfs f q g j htsxnj wj i f ht wuz yrt s yt t q  
 Hj hyt wfqFt i j t kynj UD \*Ftsxyyzyt sfq Of~+hj fwq i j k s j x ynj  
 uvt | nrt s x n ~mhm hfxj x ynj gfa y n n | fqi. ~mhm n xz uut xj i y

jsxw<sub>j</sub> yn<sub>j</sub> ht<sub>skij</sub> j syf<sub>qk</sub> t<sub>k</sub> yn<sub>j</sub> | t<sub>yj</sub> w<sub>fsi</sub> u<sub>wt</sub> | n<sub>i</sub> j yn<sub>j</sub> | t<sub>yj</sub> w~ym  
yn<sub>j</sub> t<sub>uut</sub> w<sub>yzs</sub> r<sub>y</sub> t<sub>y</sub> j' u<sub>wj</sub> xx m<sub>x</sub> k<sub>yj</sub> ~<sub>np</sub> g<sub>zy</sub> yn<sub>j</sub> u<sub>wt</sub> | <sub>nx</sub> ts<sub>x</sub> i j k<sub>ssj</sub> i  
g<sub>q</sub> yn<sub>j</sub> h<sub>zwj</sub> s<sub>y</sub> H<sub>j</sub> h<sub>yt</sub> w<sub>fq</sub> F<sub>tij</sub> r<sub>f</sub> s<sub>ty</sub> j<sub>sxw<sub>j</sub></sub> yn<sub>j</sub> | t<sub>yj</sub> w<sub>fsi</sub>  
rs<sub>i</sub> j u<sub>sij</sub> s<sub>hj</sub>. yn<sub>j</sub> F<sub>tij</sub> i t<sub>j</sub> x<sub>sty</sub> w<sub>xj</sub> s<sub>yf<sub>qphfxj</sub></sub> x<sub>t</sub> k<sub>i</sub> j h<sub>fw</sub> s<sub>l</sub> yn<sub>j</sub>  
g<sub>f<sub>q</sub></sub> y<sub>rs</sub> | f<sub>qj</sub>. ~<sub>mhmr</sub> f<sub>q</sub> m<sub>f</sub> | j<sub>fs</sub> m<sub>ufhyts</sub> yn<sub>j</sub> | t<sub>yj</sub> w<sub>fsi</sub> j' u<sub>wj</sub> xx<sub>ts</sub>  
t<sub>k</sub> m<sub>x</sub> k<sub>yj</sub> ~<sub>np</sub> y<sub>ht</sub> t<sub>xj</sub> 0<sub>Wj</sub> H<sub>j</sub> h<sub>yt</sub> w<sub>fq</sub> F<sub>tij</sub> i t<sub>j</sub> x<sub>sty</sub> i j k<sub>ssj</sub> f<sub>q</sub>  
h<sub>fxj</sub> x. rs<sub>i</sub> ~<sub>mhmyj</sub> | t<sub>yj</sub> w<sub>hfs</sub> g<sub>j</sub> l<sub>zfwsyjji</sub>. y<sub>nf</sub> y<sub>mj</sub> ~<sub>np</sub> s<sub>ty</sub> g<sub>j</sub>  
rs<sub>k<sub>qj</sub></sub> s<sub>hj</sub> i 0<sub>Dhhtw</sub> s<sub>l</sub> y<sub>t</sub> yn<sub>j</sub> H<sub>j</sub> h<sub>yt</sub> w<sub>fq</sub> F<sub>tij</sub>. yn<sub>j</sub> j<sub>q</sub> h<sub>yt</sub> s<sub>rx</sub> x<sub>j</sub> h<sub>wj</sub> y<sub>fsi</sub>  
ht<sub>sy</sub> w<sub>qt</sub> | j<sub>wynj</sub> k<sub>yj</sub> j' u<sub>wj</sub> xx<sub>ts</sub> t<sub>kymj</sub> | t<sub>yj</sub> w<sub>fsi</sub> ~<sub>np</sub> x<sub>uwt</sub> m<sub>grj</sub> i 0

G<sub>zw</sub> s<sub>l</sub> yn<sub>j</sub> j<sub>q</sub> h<sub>yt</sub> s<sub>x</sub> y<sub>t</sub> yn<sub>j</sub> Q<sub>fy</sub> t<sub>sfq</sub> D<sub>xj</sub> r<sub>g<sub>q</sub></sub> f<sub>si</sub> y<sub>mj</sub>  
ht<sub>r</sub> r<sub>r</sub> z<sub>sr</sub> y<sub>h</sub> ht<sub>zs</sub> h<sub>rq</sub> m<sub>j</sub> q<sub>z</sub> s<sub>i</sub> j<sub>wynj</sub> u<sub>wt</sub> u<sub>t</sub> w<sub>yt</sub> s<sub>fq</sub> x<sub>yj</sub> r<sub>.</sub> yn<sub>j</sub> | t<sub>yj</sub> w<sub>h</sub>  
h<sub>nt</sub> t<sub>xj</sub> x<sub>tsj</sub> t<sub>kymj</sub> u<sub>fw</sub> y<sub>jx</sub> u<sub>f</sub> w<sub>yrhufy</sub> s<sub>l</sub> rs<sub>i</sub> yn<sub>j</sub> j<sub>q</sub> h<sub>yt</sub> s<sub>x</sub> g<sub>q</sub> u<sub>qf</sub> h<sub>rs</sub> l  
yn<sub>j</sub> g<sub>f<sub>q</sub></sub> y<sub>t</sub> t<sub>kymf</sub> y<sub>uf</sub> w<sub>y</sub> rs<sub>i</sub> yn<sub>j</sub> g<sub>f<sub>q</sub></sub> y<sub>js</sub> | j<sub>q</sub> u<sub>j</sub> 0<sub>Wj</sub> g<sub>f<sub>q</sub></sub> y<sub>rx</sub> u<sub>qf</sub> h<sub>j</sub> i  
rs<sub>i</sub> yn<sub>j</sub> g<sub>f<sub>q</sub></sub> y<sub>js</sub> | j<sub>q</sub> u<sub>j</sub> ~<sub>nyt</sub> z<sub>y</sub> k<sub>q</sub> s<sub>l</sub> n<sub>0Xs</sub> z<sub>xj</sub> i g<sub>f<sub>q</sub></sub> y<sub>x</sub> f<sub>wj</sub> y<sub>mt</sub> ~<sub>s</sub>  
rs<sub>i</sub> y<sub>t</sub> f<sub>xj</sub> u<sub>fw</sub> y<sub>j</sub> g<sub>t</sub>' u<sub>qf</sub> h<sub>j</sub> i rs<sub>i</sub> yn<sub>j</sub> | t<sub>ys</sub> l g<sub>t</sub> t<sub>yn</sub> O<sub>ly</sub> r<sub>x</sub> i j<sub>j</sub> w<sub>r</sub> s<sub>l</sub> i y<sub>nf</sub>  
yn<sub>j</sub> g<sub>f<sub>q</sub></sub> y<sub>rx</sub> u<sub>qf</sub> h<sub>j</sub> i rs<sub>i</sub> yn<sub>j</sub> j<sub>s</sub> | j<sub>q</sub> u<sub>j</sub> ~<sub>nyt</sub> z<sub>y</sub> k<sub>q</sub> s<sub>l</sub> n<sub>y</sub> g<sub>zy</sub> y<sub>nj</sub> g<sub>f<sub>q</sub></sub> y<sub>k<sub>q</sub></sub> j<sub>i</sub>  
rs<sub>i</sub> yn<sub>j</sub> j<sub>s</sub> | j<sub>q</sub> u<sub>j</sub> rx<sub>ht</sub> s<sub>xn</sub> i j<sub>wj</sub> i | f<sub>qj</sub>. g<sub>q</sub> rs<sub>k<sub>qj</sub></sub> s<sub>h</sub> s<sub>l</sub> | t<sub>yj</sub> w<sub>fsi</sub>  
w<sub>j</sub> | j<sub>f</sub> q<sub>s</sub> l yn<sub>j</sub> x<sub>j</sub> h<sub>wj</sub> h<sub>q</sub> t<sub>kymj</sub> | t<sub>yj</sub> w<sub>fsi</sub> h<sub>nt</sub> r<sub>hj</sub>. t<sub>ynj</sub> w<sub>uj</sub> w<sub>ts</sub> x<sub>~nt</sub> r<sub>f</sub> s<sub>l</sub>  
m<sub>f</sub> | j<sub>f</sub> u<sub>t</sub> x<sub>xrgj</sub> rs<sub>k<sub>qj</sub></sub> s<sub>hj</sub> t<sub>s</sub> yn<sub>j</sub> | r<sub>js</sub> | t<sub>yj</sub> w<sub>hfs</sub> h<sub>j</sub> f<sub>w</sub> p<sub>st</sub> ~<sub>~nf</sub>  
i<sub>j</sub> h<sub>rx</sub> s<sub>ynj</sub> | r<sub>js</sub> | t<sub>yj</sub> w<sub>mf</sub> x<sub>r</sub> f<sub>ij</sub>. k<sub>wj</sub> 'f<sub>r</sub> u<sub>qj</sub>. g<sub>q</sub> f<sub>l</sub> w<sub>j</sub> s<sub>l</sub> ~<sub>~ym</sub>  
yn<sub>j</sub> | t<sub>yj</sub> w<sub>yt</sub> k<sub>q</sub> i y<sub>nj</sub> g<sub>f<sub>q</sub></sub> y<sub>rs</sub> f<sub>s</sub> ~<sub>f</sub> ~<sub>0Hj</sub> h<sub>yt</sub> w<sub>fq</sub> F<sub>tij</sub> t<sub>kymj</sub> U<sub>j</sub> uz<sub>gq</sub> h<sub>t</sub>  
k<sub>Dw</sub> r<sub>j</sub> s<sub>rf</sub> \*F<sub>ts</sub> x<sub>yzyt</sub> s<sub>f</sub> q<sub>q</sub> ~<sub>+r</sub> z<sub>xy</sub> j<sub>sxw<sub>j</sub></sub> yn<sub>j</sub> j' u<sub>wj</sub> xx<sub>ts</sub> t<sub>kymj</sub>  
k<sub>yj</sub> ~<sub>np</sub> t<sub>kymj</sub> | t<sub>yj</sub> w<sub>fsi</sub> yn<sub>j</sub> x<sub>j</sub> h<sub>wj</sub> h<sub>q</sub> t<sub>kymj</sub> j<sub>q</sub> h<sub>yt</sub> s<sub>0</sub>

G<sub>zw</sub> s<sub>l</sub> yn<sub>j</sub> j<sub>q</sub> h<sub>yt</sub> s<sub>.</sub> yn<sub>j</sub> | t<sub>yj</sub> w<sub>xmf</sub> q<sub>mf</sub> | j<sub>fsi</sub> yn<sub>j</sub> y<sub>j</sub> h<sub>ms</sub> h<sub>rf</sub> q<sub>f</sub> q<sub>t</sub>  
u<sub>wt</sub> | n<sub>i</sub> j<sub>x</sub> m<sub>x</sub> k<sub>ssj</sub> l j<sub>wuws</sub> y<sub>ymt</sub> z<sub>l</sub> m<sub>ynj</sub> i j<sub>r</sub> h<sub>j</sub>. g<sub>zy</sub> n<sub>i</sub> j<sub>s</sub> y<sub>rk</sub> h<sub>fyts</sub> n<sub>x</sub>  
h<sub>fw</sub> w<sub>nj</sub> i t<sub>zyts</sub> q<sub>ts</sub> yn<sub>j</sub> g<sub>fx</sub> x<sub>t</sub> k<sub>uf</sub> x<sub>xt</sub> w<sub>y</sub> i f<sub>yf</sub> \*s<sub>h</sub> f<sub>xj</sub> x<sub>xuj</sub> h<sub>rkj</sub> i g<sub>q</sub>  
yn<sub>j</sub> F<sub>tij</sub>. f<sub>q</sub> t<sub>s</sub> yn<sub>j</sub> h<sub>fxj</sub> t<sub>kymj</sub> w<sub>i</sub> t<sub>hzr</sub> j<sub>syx+</sub> k<sub>w</sub> h<sub>tr</sub> u<sub>qj</sub> y<sub>j</sub> f<sub>si</sub>  
k<sub>fxj</sub> w<sub>n</sub> i j<sub>s</sub> y<sub>rk</sub> h<sub>fyts</sub>. n<sub>i</sub> j<sub>s</sub> y<sub>rk</sub> h<sub>fyts</sub> g<sub>fxj</sub> i t<sub>s</sub> yn<sub>j</sub> k<sub>ssj</sub> l j<sub>wuws</sub> y<sub>t</sub> k

yj hmsrhf qj vznur j sy ~nqgj r twj j kqj hyrj. ~mthm~nqj' hqij fqp  
 ut xxrgj t uyt sx ktw uf vyrhufysl rs ynj j qj hyts gfaxi ts ynj  
 ufxutwy i fyt tk fstynj w uj wts rr uj wtsfysl ynj uj wts 0  
 Rgxywzhysts tk ynj ~twp tk yj qj untsj. wj ht w rs fsi |nijt  
 wj ht w rs j vznur j sy g« zxsl yj hrst q l rhf qj vznur j sy rs ynj  
 |tysl gttym ~nqf qjt lzf wfsyj ynj ht skij s yf qk« tk ynj |tjw  
 hnt rhj OUj xni j syx hfs uf vyrhufyj rs q hf qxj dk l t |j wsr j sygt i njx rs  
 fhht w fshj ~nymnj uwt hj i zwj j xyf gqxmj i g« q ~. kqj hnt rhj ~nq  
 hqj fyt fs tuut wzs yk ktw wj xni j syx yt gj ufwy tk ynj xj dk  
 l t |j wsr j syt kymj rwht r r zsyk Ol wj i tr tk hnt rhj fqt ~xw xni j syx  
 yt r fpj hnt rhj x ktw ynj gj xy r fsfl j r j sy tk ynj rw ht r r zsyk.  
 j sxwsl ynj j kqj hyrj fsi yfwj yj i zxj tk ht r r zsyk ksfshfq  
 wj xt zwhj x0

### Nqat wczqfrq uzt dcccqac

Dx f ht shqxts. ~j uwj xj sy nj wj f szr gj wtkxyfj r j syx  
 30t yj wksf gqy« yt kqpt zy ynj rw gqf qyt x rs i j uj si j syq r f« gj  
 i zj yt f szr gj wtkkfhyt w= =  
 i zj yt ynj rw nj fgm uwt gqj r x. ktw j 'fr uqj. i zj yt |nxts  
 uwt gqj r x0

40Gzj yt qfhp tkqj wfh«

50Gzj yt ynj rs kqj shj tktynj wuj wts x

60Gzj yt rs htr uqj yj pst ~qj i l j tkymj j qj hyts uwt hj i zwj 0

W xt qj ynj kwy uwt gqj r . yt j sxw ynj kqj i tr tkymj |tjw  
 wlyt |tj . yt uwj |j sy fstynj wuj wts ktr gj rs l rs ynj ut qpsl  
 xyf yts ~nym ynj |tj wfsi yt j 'uwj xx ynj |tj w kqj ~nqj ny  
 sj hj xxfw yt uwt |nij fuuwt uwf yj r j fsx ktw |tj w. ktw j 'fr uqj.  
 i zwsl ynj j qj hyts. ynj Fj sywfqHqj hyts Ftr r nxts r f« uwt |nij  
 l qfxxj x ktw uj tuqj ~nym i kqj wj sy q |j q tk |nxts uwt gqj r x. ~mthm

ynj | t y whfs zxj rs ynj ut qsl xyfys fsi wjyzw yt ynj yj wwytfq  
 j q hyts htr r rxxts Olktynj wuj wts kwhj ynj | t y wyt hmt xj ynj  
 hfsi nfyj ynj « ~fsy. rs ymx hfxj. zxrs l fs « yttq kwhj 'fr uq. fkj w  
 zxrs l gwgj w twymj fyx. ynf yuj wts ~nqj 'j whxj hts ywt qt | j wijnj  
 | t y w ~mhm ~nqfqt ~mr yt r fpj xzwj ynf yynj | t y w | t y i kwynj  
 hfsi nfyj nj ~fsyx. ymx r f « gj g « r fpqsl ynj gfqf yufuj wrs xtr j  
 i nys hyrj ~f « \*kwhj 'fr uq. kqrs l ynj gfqf yufuj wrs ynj xnfuj  
 tk fs fmufqsj + ~mhm ~nq gj hts xni j wj i xzkhj syj | njs hj tk  
 gwgj w0kt wijnj | rj w0Dstyj w | j wkhf yts r j ynt i n yt gj rs ynj  
 | t ysl gttym ~nymynj | t y wfx f nj qj w0Wj r fs l tfqtkr « fwyrhj  
 n yt j s xzwj ynj r fsn j xyfys t k ynj kqj ~nqf t k ynj | t y w. ynj  
 j 'hqxts t k ynj rs kqj shj t k ynj wts ynj r. fsi ynj j 'hqxts t k  
 ht wuzuyts i zwsl ynj j q hyts 0

I tw hynj sx ~nymnj fym uvt gj r x. kwhj 'fr uq. ynj gqsi. ynj  
 gj xy t uyt s n ynj Ewfqj fqmfgj yfx fs rs i nuj s xfgj r j fsx tk  
 htr r zsrhfyts kwhj ynj gqsi. ymx t uyt s nfx gj j s zxj i g « ynj  
 Fj swfqHj hyt wfqFtr r rxxts rs wj hsy « j fw0Kt ~j | j w ynj « r f «  
 styr fxj wijnj fqmfgj y. rs ynj wj fqk t k Dwr j srf. ynj r fawyk tk  
 htr r zsyj xit stymfj fqmfgj y wfs l fsi ynj wj xni j syx i t sty  
 r fxj wijnj fqmfgj y0Qj y & r f l rsj f xnyf yts ~njs f gqsi hynj s  
 i t j x sty ~fsyt zxj ynj | rj s fqmfgj y. rs ymx hfxj ynj | t y wr zxy  
 | t qsyfwqk zxj ynj nj q t kfst ynj wuj wts. ~nt. f hht w rs l yt tzw  
 q l nqf yts. hfs fqt gj fs « uj wts ~nt n sty wj qj i yt ynj | t y w0  
 lk ynj | t y wnf x st htssj hyts ~nymfst ynj wuj wts. ynj s nt ~ hfs  
 ynj | t y wqj xzwj ynf ynf ynj hnt rhj ~fx r f i j g « mxt ~ ~nq rs  
 ymx hfxj. ynj uvt gfgqk ynf ynj fxxxy l uj wts ~nqf hqj ynj  
 hfsi nfyj & gfqf y rs ynj j s | j q uj fy ynj | t y w wj vj zj xy. Lymsp. ~nq  
 gj vznj q ~Ol twxzhmfsi r fs « t ynj wxm nqfwhfxj x. rk ynj FHF n

zsfgj yt uwt | nij htsi ryts x yt j s xzwj ynj rs i uj si j shj tk | tyj w  
rs uf vyrhufysl rs ynj j q hyts. fy q fxy q l nxqyqj r j fxzwj x xnt zq  
gj yf pj s yt wj i zhj ynj hwhqj tk ynt xj fxxryysl | tyj w. ~mthm~nq  
wj i zhj ynj ut xxrgry « tkj' uvj xxsl ynj ~nq tkf l rj s | tyj wfsi  
gj rs l i j h j rj i g« fst ynj wuj wts 0

W xt qj ynj xj htsi uwt gqj r. f h j wfs szr gj wtk gfqj yx hfs  
gj uwts yj i rs fhht w fshj ~ym ynj uwt h j i zqj j x yf gq xnj i g« ynj  
FH. ~mthm~nq mf | j umt ytx tk ynj hfsi n f yj x fsi ynj | tyj w hfs  
twj s ym r xj dkf q sj ~ym ynj umt y t k ynj hfsi n f yj x \*rs ynj hfxj tk  
f uwt ut wyt s f q uwt h j i zqj. ynj umt y t k ynt xj thhz u«rs l ynj knqy  
ufhj tw ynj knqy ym yj ufhj x+0Dhht w rs l yt ynj UD J t | j w s r j sy  
Gj h xrt s 35; /Q i f y j i 4403304238. ynj xzwfr j x. sfr j x fsi  
uf ynt s «r rhx. ktr ynj ut rs y tk | j ~ t k ynj i j h xrt s. L yms p r «  
| j w xrt s t k ynj umt y t j x s t y h t s y w f i r h y ynj Hj hyt wfqFt i j. x s h j  
ynj uwj xj s h j t k ynj i f y f t k ynj knqy ym yj hfsi n f yj x rs ynj gfqj y  
ufuj w h t z q f q t gj ht s x n j w j i ht s y w f w y t ynj uwshnuqj t k x n j s h j .  
rs ym x hfxj . f xfr uqj gfqj y ~ym ynj uj w x t s f q i f y t k ynj knqy ym yj  
hfsi n f yj x. rk y i t j x s t y h t s y w f i r h y ynj hzwj s y Hj hyt wfqFt i j. ynj s  
ynj uwt ut xj i | j w xrt s ~ym ynj umt y ~nq f q t s t y h f z x j f  
ht s y w f i r h y t s rs ynj hzwj s y q l nxqy t s 0Dx f w q j . ynj r f rs r f x x t k  
| t yj w h n t t x j f u f w y « \*tw f q f s h j + k t w y n j u j w x t s x r s h q i j i rs ynj  
j q hyt wfq q p y. fhht w rs l yt ynj hzwj s y q l nxqy t s. rk t s j t k ynj  
uf w y j x \*f q f s h j t k u f w y j x + u f v y r h u f y s l rs ynj j q hyt s f x f w j x z q  
t k ynj h t r r z s y « ht z s h r q j q hyt s x w j h j r j x r t w j y m f s 72 uj whj s y  
t k ynj x j f y x t k ynj ht z s h r q r j r g j w. ynj s ynj uj w x t s f y ynj y t u t k  
ynj q p y t k h f s i n f y j x t k y n f y u f w y « \*f q f s h j t k u f w y j x + r x ht s x n j w j i  
ynj j q hyj i m f i t k ynj h t r r z s y « k t w h j t k d ~ 0 E f x j i t s ynj  
hzwj s y q l nxqy t s. ny hfs gj f x x z r j i y m f y | t yj w h t s x n j w ynj

hfsi nfyj ~nt thhzuj x ynj knwy uqfj t s ynj j q hyt wfq qpx f x ynj  
nj fi tkymj ht r r zsykOWyj wj |j ~ tkj 'nysl hfxj x i j r t s x w f yj x  
ymfy. zuts f hfsi nfyj x wj xrlsfyts. ynj htzshqtkj qj w xj q hyx  
ynj ht r r zsyk qfij wkt r ynj knwyymyj str nsjj x ts ynj j q hyt wfq  
qpx. l rsl uwj hji j shj yt ynj hfsi nfyj wspj i knwyO

W xtqj ynj 5^ uwt gqj r . nyx sj h jxxfwk y t i j k s j f h j fwqpx t k  
uj tuqj ~nt hfs nj qf l rj s uj wts yt gj rs ynj utqsl gttym  
i zws l ynj j q hyts 0Dx f \$wqj \$ ynj |t yj w kfr r j r gj w f w  
r f s q r k t w j i fgtzy ynj j q hyts t k kfr r j r gj w 0Efxj i ts  
ynj l w f y w xuj hyfsi f yyyz i j yt ~fw x kfr r j r gj w t  
f x x z r j ynf y rs t z w x t h j yk nyx st y yunhfq k t w kfr r j r gj w t  
rs kqj shj j fhmt ynj w kfr r j x ~y m x z h m |t qj s y rs kqj shj  
t s j fhmt ynj wf w w f w t z w x t h j ykOWyj w k w j . ynf spx yt w j q |fsy  
qj l x q y j fr j s i r j s y x . f qpx t k u j t u qj ~nt hfs nj qf |t yj w hfs gj  
i j k s j i O l t w j 'fr u qj . f |t yj w hfs gj nj qf i g kfr r j r gj w t k  
f l r j s |t yj w \*u f w j s y . h m q . xut z x j +t k y n j « m f |j w j q |fsy i t h z r j s y x  
\*r f w w f l j h j w y k h f y j . g n y m h j w y k h f y j -0 W t x j ~nt i t sty m f |j  
kfr r j r gj w hfs x j j p nj qf k t r t y n j w u j t u qj f k y w u w t |n r s l  
w j q |fsy rs k t w f y t s fgtzy ynj w f g x j shj O l w t r x y z i j x h t s i z h y i  
rs w w f q f w j f x . ~j m f |j h t s h q f i i ynj k t q f ~s l =Q y k m f l r s j f  
x y z f y t s ~m j s . i z w s l ynj q h f q l t |j w s r j s y j q hyts x rs f w w f q  
x j y y j r j s y t k y n j w j t s . f |t yj w z x j x ynj nj qf t k f uj w t s k t r ynj  
|n f l j ~nt nyx sty w j q f y i yt m r O l s y m x h f x j . f x f w q j . ynj |t yj w  
ynj uj w t s nj qf s l m r f s i ynj r f d w y k t k y n j |n f l j w j x n j s y x ~m p  
q f w s fgtzy ynj l r j s j q hyts 0Z j y m s p ynf y h t s k i j s y f q y x  
l j s j w f q s t y r f s y f s j i rs y m x h f x j f s i ynj uj w t s nj qf s l m r  
hfs rs k t w t y n j w u j t u qj fgtzy ynj |t yj w k i j h x t s O l s |n f l j x . q h f q  
l t |j w s r j s y j q hyts x f w j r f s q |j ~j i f x f r j f s x t k h t s k q h y f s i

ynj wj fwj r fs« hfxj x ~mj s j q hyts sx mf | j gj j s f r j fsx t kht s kqhyx  
gj y~j j s wj xni j syt kr fs« wwfqj yqj r j syx. ynj wj kt wj . rs t wj wyt  
j s xzwj ht skj j syf qy« rs wwfq xj yqj r j syx. ynj ut xxrgp y« tk  
fxxnxyfshj kt r t ynj wuj tuj xmtzq gj wj i zhj i 0

Gzwsl ynj 6m uwt gjr . ynj r j r gjw t kyrj uvj hshy j q hyts  
ht r r nxrts. gj kt wj ynj | t y wuf wyrhuf yj x rs ynj j q hyts. uwt | n j f  
i j yfrj i uvj xj syf yts tk ynj j q hyts uwt h i z wj 0 ls fi i nyts. ynj  
FHF uwt | n j x r j ynt i t q l rhf q rs xwz hyts sx ynf y fwj ut xj i ts ynj  
~f qy fsi kqj i j xhwgj ynj j syw j q hyts uwt h j xx a c0

Hj hyt wf qFt i j tkymj UD \*Ft sxyzyt sfqOf ~ +hj fwq i j ksj x ynj  
rs | f qj ny« tkymj gfqj y hfxj x t kqj rs l. gzy ynj wj nx st uwt | nxrts kt w  
ht s xni j wsl ynj gfqj y rs | f qj rk ny nx rs f kqj i j s | j q uj . f s t ynj w  
uj wts. zxsl ht wuz uy yt tq. hfs rs kqj shj ynj | t y wj i j hxrts yt  
| t y fsi i j r fsi ynf ynj gfqj y gj kqj i rs f uj | t zq f l wj i  
r fssj wfxj | n j shj 0Wj wj fwj hfxj x ~mj s | t y wj f hhni j syf qk kq  
ynj gfqj y. gzy ynj Fj sywfq Hj hyts Ftr r nxrts nfx wj uj f y j i q  
rs ktw r j i | t y wj. gt ymts yj q | nxrts fsi i z wsl ynj j q hyts. i z wsl  
fi | j wyrts l gfsj wfsi i z wsl ynj uj xj syf yts tkymj uwt h j i z wj  
kt w xj q hyts l ht r r nxrts r j r gjw. fgtzy ynj hwhzr xyfshj tk  
uzysl ynj gfqj y rs ynj j s | j q uj ~nyntzyk t q rs l ny0Wj wj fwj hfxj x  
~mj s ynj gfqj y rs kqj i rs yj syts f qk. ~nym rr fl j x t kfs« t gq hy.  
kt w j 'fr uj . fs \$nuqsj \$ fsi t ynj w t gq hy. ynj ht r r nxrts  
r j r gj wfy ynj ut qpsl xyf yts. rs f hht w fshj ~nym ynj uwt h j i z wj  
uj xhwgj i g« ynj Ft i j . f kqj x f xj q / f i n j xqj xyfr u yt ynj t uj s  
ufwy t kymj j s | j q uj ts ynj gfqj y. g« kqj rs l ynj gfqj y qpsj fs«  
rr fl j . ynj | t y w h f s u q h j ynj gfqj y rs ynj j s | j q uj rs f ~f« ynf y  
~m p j s f g q j ynj ht r r nxrts r j r gj wfy ynj ut qpsl xyf yts f xj q /  
f i n j xqj xyfr u yt gj f kqj i yt ynj gfqj y. rs ynj xj hfxj x. ny

sj hj xxfwk yt j' hqj i j ynj htsxni j wfyts tk xz hm gfaqj yx fx |fqi g«  
 fuuwt uwfyj qj l nqfyrj fr jsir jsyx. ynj wj kt wj . rs faplfxj x. f gfqj y  
 kt qji rs fs js |j quj xntzq gj htsxni j wj i rs |fqi g« qj l nqfyrj  
 fr jsir jsyx0Wj yt wssj xx tk ynj gfqj yx fqt htsxni j wj i |fqi g«  
 ynj hzwj sy qj l nqfyrts. gzy ry hfs fqt gj htsxni j wj i f r j fsx tk  
 rs kqj shs l ynj fgnjy tkt ynj wuj wtsx yt |tjy 0

Ef xji ts ynj xyz i j x htsi zhj i fsi tzwuj wtsf qj 'uj wj s h j .  
 i zws l ynj ht zsy s l tk gfaqj yx rs qhfql t |j wsr jsy j qhytsx. ynj wj  
 ~j wj szr j wtzx hfxj x tk gfaqj yx gj rs l kt qji rs ynj kt w t k |fwtzx  
 l j tr j ywh gt i j x. t g |rtzxq ht wuz yts yttq ~j wj zxj i i zws l ynj  
 j qhyts. ynj j qhyt wfq ht r r nxr ts tuj s q htsxni j wj i ynj gfqj yx  
 |fqi gfxj i ts ynj kfhy ynf ynj qj l nqfyrts it j x st yuwt |n j kt w ynj  
 hfxj tk st y htsxni j w s l ynj r |fqi 0

Wj uwt ut xji qj l nqfyrj fr jsir jsyx ~m j s x wj ynj kzaq  
 wj fapf yts tk ynj kqj j hnt rj t k |tjy w0 l wj . wfsxuf wj sy. fsy d  
 ht wuz yts r j hm fsx r x fwj t k l wj fy m ut wfs h j kt w ynj  
 j xyf gqnm r j sy tk j fhm xyf yj . xyj s l ynj s l fsi xyj s l ynj s l  
 i j r t h w f h « rs fhyts 0 Othf q xj qj l t |j wsr jsy gt i j x xntzq yf pj  
 r j f x z w j x yt j s x w j ynj ufwy h nuf yts tk htr r z s n y w j x n i j s y x rs  
 qhf q xj qj l t |j wsr jsy. ~m hm hfs fqt gj m uqj r jsy i ym t z l m  
 |fwtzx f ~fwj s j xx uwt l wfr x 0

## dvwEvQtvDE

30 UD J t |j wsr jsy Uj xt qyts ts Duuwt |s l ynj Ft shj uyt kymj  
 \$Dhfi j r m Fy «\$Swt l wfr . Q 3 24/0. 3; 13214245

40 UD Ft s x y z yts  
 myu=1~~~GwpxFr 1Gt hz r j s y Yj ~Gxu' BGt hLG@365945

50 Hj hyt wfq Ft i j t k ynj UD \*Ft s x y z yts f q Qf ~+  
 myu=1~~~GwpxFr 1Gt hz r j s y Yj ~Gxu' BGt hLG@423552

60 UD Of~ ts O t hfqVj d/J t | j w&r j sy  
 myux=1~~~GwpxFr 1Gt hzr j syYj ~Gxu' BGt hLG@422947 \*53.23.  
 4247+

70 HKURSHDQ FKDUWHU RI ORFDOVHOI /J RYHUQP HQW  
 myux=1~~~GwpxFr 1Gt hzr j syYj ~Gxu' BGt hLG@ 2785

80 Gj hxxts t kymj Fj sywfqHj hyt wfqFtr r xxxts t kymj Uj uzgqh t k  
 Dwj srf ts j xyf gqxmsl ynj k wr x fsi uwt hj i zvj kt wknpsl t zy ynj  
 wj l xjy w t k yj w wyt wfqfsi uvj hrs hyj q hyt wfqht r r xxxts x  
 myux=1~~~GwpxFr 1Gt hzr j syYj ~Gxu' B t hLG@389483

90 Gj hxxts t kymj Fj sywfqHj hyt wfqFtr r xxxts t kymj Uj uzgqh t k  
 Dwj srf ts j xyf gqxmsl ynj uwt hj i zvj kt wr t snyt wsl ynj uwsysl .  
 wf s xut w yf yts. xyt wfl j fsi htzsy s l t k g f q y u f u j w f s i x j d/  
 fi nj xrlj xfr ux g< t gxj w j w. r fxx r j i f vj uwj xj s yf yl j x. | nynt w.  
 fsi uwt' j x  
 myux=1~~~GwpxFr 1Gt hzr j syYj ~Gxu' B t hLG@388: ; :

: 0 Gj hxxts t kymj Fj sywfqHj hyt wfqFtr r xxxts t kymj Uj uzgqh t k  
 Dwj srf ts j xyf gqxmsl ynj uwt hj i zvj kt wuf hpfl rs l j q hyt wfq  
 i t hzr j syx fsi f hhj xxt wj x g< ynj uwj hrs hyj q hyt wfqht r r xxxts fsi  
 xzgr ny s l ynj r yt ynj yj w wyt wfqj q hyt wfqht r r xxxts  
 myux=1~~~GwpxFr 1Gt hzr j syYj ~Gxu' B t hLG@388; 26

; 0 Gj hxxts t kymj Fj sywfqHj hyt wfqFtr r xxxts t kymj Uj uzgqh t k  
 Dwj srf ts j xyf gqxmsl ynj uwt hj i zvj kt wt w f s m s l . hts i z h y s l  
 fsi f ~f w l v z f q k h f y t s x kt w u t k j x x t s f q y w f r s l r s j q h y t s  
 f i r r s n y w f y t s  
 myux=1~~~GwpxFr 1Gt hzr j syYj ~Gxu' B t hLG@387425

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bj p<wfrC6: 46A4868; DasufrC8646A4868; Dj qsqqlfr 6B46B4868;



MX RC [UghC5.ru/lu564\\_B\\_695BB;9A66B368;4B4=376B](http://UghC5.ru/lu564_B_695BB;9A66B368;4B4=376B)

Ld f TQINLWIZf PWWIRPZNP LZO Na Zf PY ba d Ld k  
NS LWPZRPe a Qf S P LNNa g Zf T R bda QPeet a Z

### Rūyret V7008904

Dw j s rfs Vfyj Xsrlj wry« tk Hht str rhx

Sm0G0rs Hht str rhx. Dxxt hrfyj Svtkj xxtw

l t mfwpt xyfs «fs 3 Cl r fr0tr

RUFLG LG=muyux=1t whri Qw 1222; /222; /7526/389:

Ls Marta Whj i j | j qur jsy tk y hmstq l nj x y t i f « n x xt wfui  
fsi xt wf i rhfap hmfslj x ynj wj f qyj x fwtzsi zx. ymfytsj hfs sty  
ymsp fgtzyryfsi n stv y ntsq rky n htr uqj y q rs i rkj wj syt ynj  
i j | j qur jsy tk | fwtzx xunj wj x tk mnr fs fhyryk. rs hqz i rs l  
f hhtzsy s l O W i f «. tu rs ts xts ynj ut xxrgj n ufhyt kyj hmstq l rhf q  
i j | j qur jsy ts ynj kf yj tk f hhtzsy s l fwj sty zsfsm r t zx0  
Xskt w yzsf yj q. wj hjsq ynj wj mfx g j s f y s i j sh « yt | j ~ sj ~  
yj hmstq l nj x fx f ynj fy yt ynj f hhtzsy s l uwtkj xxr ts 0 P t wj fsi  
r twj tkj s tsj hfs nj fwj ' u wj xxr ts x. ymfy ynj f hhtzsy fsy n f  
i nxfuuj fw s l . f uwtkj xxr ts tk ynj ufx y. fsi ktr ynj r tr jsy t kf  
hj wj f s q j | j q t k w t g y n f y t s t k i t h z r j s y h w h z f y t s . ynj mnr fs  
f hhtzsy fsy ~ w j x m u q g j h t r j w j i z s i f s y . q p j f i w j w t k f x j q  
i w j rs l h f w 0

VwD Lk uD f hhtzsy s l . f w y r k h f q rs y j q p j s h j . yj hmstq l rhf q  
uwtl wj xx. f z y t r f y t s t k f hhtzsy s l uwtkj xxr ts

## UPWt 7uv DEP 63. P 6:

**d v D v r h t y r z p D E y m j f r r t k y m j w j x j f w h m n x y t n i j s y k « y m j w t q t k f w y k h r f q s y q p j s h j r s f h h t z s y s l u w t h j x x j x 0**

**d v D v r h t y q n h v u s E y m j w j x j f w h m n f x x z g x y f s y f y j i y m j r u t w y f s h j t k D L s t y f x f s f h h t z s y s l f i o z i r h f y t s g z y x m r u q f x f s j k j h y r j x t q y t s k t w r s k t w f y t s h t r g f r s s l f s i i f y u w t h j x x r s l 0**

## W a t r a t v t v h z v L

Gzj yt w t g t y h x f s i f w y k h r f q s y q p j s h j . f h h t z s y f s y x ~ n p s t y g j q k y ~ r y n t z y ~ t w p 0 E z y y m j w f u n i i j | j q u r j s y t k r s k t w f y t s y j h m s t q l j x f s i y m j i n t y f q p f y t s t k y m j j h t s t r « f w j f o y f i « h m f s l r s l y m j s f y z w j t k f h h t z s y s l ~ t w p 0 l s f w f u n i q h m f s l r s l j h t s t r r h j s | n t s r j s y r t w j f s i r t w j h t r u f s j x f w j w t w y s l y t y m j z x j t k f w y k h r f q s y q p j s h j r s f h h t z s y s l f s i f z i r y s l \* H q t s V 0 K j s i w p x j s . P r h m f j q l | f s E w j i f . l w - r s 0 3 ; 4 - 0 W h m x f q p ~ x y t r s h w f x j y m j j k k h j i s h « f s i f h h z w f h « t k u w t h j x x j x . f x ~ j q p f x w j i z h j y m j h t x y x f s i y r j x u j s y t s j | j w k i f « ~ t w p 0 K t ~ j | j w s j ~ y j h m s t q l j x i t s t y r j f s s j ~ y m j f y x k t w y n t x j . ~ n t h f s z x j y m j r . g z y . k w w y t k f q p r y x s j ~ t u u t w y z s r y j x k t w y n t x j . ~ n t z x j y m j r \* K f q f w V 0 G j « . S O N 0 4 2 4 3 - 0 D s i f h h t z s y s l f s i y m j w k t w j y m j k s f s h r f q x j h y t w h f s s t y g j f s j ' h j u y t s r s y m j h t s y j ' y 0

Q t y f y m j f y . g z y f s t u u t w y z s r y « O l y x n t z q g j s t y j i . y n f y k t w i j h f i j x y m j u w t l w j x x t k r s k t w f y t s y j h m s t q l j x n f x f q t w j k j h y i y m j u w f h y h f q i j | j q u r j s y t k f h h t z s y s l 0 l s u f w y h z q f w y m j h f q z q y t w y j q u n t s j . u j w x t s f q h t r u z y j w f s i f z y t r f y j i r f s f l j r j s y x x y j r x h w j f y j i t s y m j n w g f x n x n f | j r s k q j s h j i f h h t z s y s l u w f h y h j r s t s j ~ f « t w f s t y n j w 0 V t r j f z y m t w k j | j s

fxxt hrfyj ynj gj lissnl tk ynj uwt hj xx tk fhhtzsyl fzyt r fyt s ~nym ynj rs |j syts tk ynj hrfqzqy whole r fhmsj g« Efqj Sfxhfqrs 3864 \*Ej q | U000 4245-0

Dx ktwynj ij |j qur jsy tk ynj j htstr « rs wj hjsy «j fw. ny rx uwj hnj qj yj hms tqlj x ymfy nf |j wfi hrfqk hmfslji fhhtzsyl / ny mfx gj ht r j fzyt r fyi 0Efhp rs ynj j fwq 3; 2x. ~nj s fhhtzsyl ~fx gj rs fzyt r fyi. r fs« ynj twxyx fwzji 0 ymfy fzyt r fyt s ~tzq qfi yt ynj \$xyzuni nfyts \$tk ynj uwt kj xxrs. fsi fhhtzsfsyx ~tzq xytu ymsprsl. fsi ynj nw vzf qk hfytsx ~tzq xmfwq i j hqj fxj 0Ezy |j wq qyyj ynj mfx ufxxj i. fsi ytif « ~j hfssty rr fl rsj fhhtzsyl ~nyt zy ht r uzyj wuwt wfr xOKt ~j |j w ~mfy rx rr ut wfsy nj wj rx st ynj kfhy ymfy ynj wj rx f ht r uzyj wts j |j wq fhhtzsfsyx i j xp. gzymt ~ fzyt r fyt s mfx hmfslji tzuwt kj xxrs fsi ynj wt qj tkfs fhhtzsfsy whole ynj j htstr « rs f xnt wyyr j \*Xi f q | D000 Xifq | \_0/0 \_zgfqj f R000 4246-0

### dvOrHty LvD00

lsijji. ynj gfrx tk fhhtzsyl wj ht w x wj r fts x ynj twlrsfq fhhtzsyl i thzr j syx. fhhtzsfsyx ht syzj yt r fpj j sywji x rs i j gryfsi hqj ny. gqfshj xmj yx fwj i wf~s zu / j |j wqmsl rx rs ny uqfj 0Gj hnmj wf r t j wq gqfshj xmj y. ht r uqj i rs fhhtw fshj ~nym UV. fsi ht r ufwj ny ~nym ynj gqfshj xmj y tkfs« ht r ufs« tk ynj gj lissnl tk ynj 42ymhj syzq / ny rx f q t xy ynj xfr j 0Wmx ut rsyt k |j ~fx i j k sij i rs ynj 3; 2x g« Dr j wqfs fzyt wq H0/0 Kj si wqpxj s fsi P00|fs Ewji fo

Z mfy mfx wq f q hmfslji. fsi ~mfy wt qj nf |j ht r uzyj wq uq «j i B l wqy tk f q fzyt r fyt s mfx kqj i ynj fhhtzsfsy ktr ynj r t styt stzx i f q kqshytsx / i fyf ktr twlrsfq fhhtzsyl

i thzr j syx n f q t xy htr uqj y q m ut wj i ymt zl m xt ky~f wj .  
wj ut wjs l hfs gj htr uqj y q hf wnj i tzyzxsl uvt l wfr x. j yh0Dq s l  
~ym ynj f hhj q wf yts t k ynj f hht zsy s l uvt h j xx. ynj vt q t k ynj  
f hht zsy fsy rs ynj q k t k ynj htr ufs« mfx f q t h mfs l j i 0 Rzw  
uf wjs w st ~ m f | j ynj yj hm s hmf qr j fsx fsi ynj t uut wjs n y t f hy  
fx fsf q x y ~ m t y w f hp ynj ht ssj hy tsx g j y~j j s ynj f hht zsy s l  
r j ynt i x ynj « m f | j h m t x j s fsi ynj fsf q y h f q w j x z q x t g y f r s j i  
ym t zl m ynj uvt l wfr x0 Wj xj h mfs l j x m f | j t h h z w j i f q t xy  
m uj whj uyg q k t w z x 0 W h n x m uj whj uyg q y ~ m t i z j y t ynj k f hy ynf y  
~j q k j rs ynj uvt h j xx t k ynj xj h mfs l j x 0 l y n t z w j | j w k i f « q k j . fsi  
f xxj xx s l j | j w k i f « q k j n f q f « x r t w j i t k h z q 0 Vj u f w f y q . n y n  
s j h j x x f w y t r j s y t s ynj t uut wjs n y j x ynf y l s yj w s j y yj hm s t q l j x  
m f | j h w j f y i . g t y m ~ y m s htr ufs j x fsi ~ y m s ynj k w r j ~ t w p t k  
rs yj w h t w u t w f y j rs yj w f h y t s 0 Wj t w l f s n f y t s t k j q h y t s n h  
i t h z r j s y h m h z q f y t s f q t ~ x « t z y t w j h j r j f i n y f q | j w k t s t k y n j  
t w l r s f q i t h z r j s y f s « ~ n j w j rs ynj ~ t w j . f q t xy x m z q f s j t z x q  
~ y m y n y htr u f y t s 0 l y m f g j h t r j u t x x r g j y t w f hp ynj rs i r h f y t w  
t k ynj htr ufs« & j h t s t r m f h y l y ~ m f q t xy w j f q y n j . w j l f w j q x x  
t k ynj q h f y t s t k ynj i f y f w j h n r j s y 0 Wj l s yj w s j y f q t ~ x « t z y t  
uvt | n j w j u t w y x y t h j w f rs rs yj w j x y j i u f w y j x f y f s « k w j v z j s h . rs  
y nj k t w f y ynj « s j j i 0 V z h m f h m f s l j rs ynj vt q t k ynj f hht zsy fsy  
rs ynj htr ufs« f q t l r j x w x j y t s j ~ w j v z m j r j s y x k t w m x  
v z f q h f y t s 0 Wj j ' u f s x t s t k ynj x h t u j t k w j x u t s x r g y j x t k  
f hht zsy fsy w j v z m j x f u u t u w f y j i z h f y t s 0 W h z x . ynj f z y t r f y t s  
t k f h h t z s y s l m f x t u j s j i z u s j ~ t u u t w j s n y j x k t w w j u w j x j s y f y l j x  
t k t z w u v t l j x x t s f s i . t s j r n m y x f « . m f x s t y ~ j f p j s j i . g z y . t s  
y nj h t s w f w k . x y j s l y nj s j i y nj w u t x y t s x rs y nj q g t w r f w p j y 0

## Nú yysyq: Vö u::yuuösö qöt xu S úu ëv Nssë ö jöw

Dxj xnf Nnfsssf. tsj tk ynj qfirs1 j'uj wyx rs ynj kjq tk fwykhrfqrssj qfj shj \*DL+ gfhp rs 423. hfqj i kt wfs fyyj r uyyt kss1 fs fsx~j wyt ynj kt qf~rs1 vzej xrys fx rr ufwyrqk fsi ~nyntzy j r tytsx fx ut xxrgj =x ynj i j |j qf ur j syt k DLfhyzfqk f ynj fy yt ynj fhhtzsyl uwtkj xxrlsB l wky tk fqq ~j r zxy zsi j wkyfsi fsi fhhj uys fs fqqj fi « j xyf gqkxj i kfhy=r txytktzwi fqq qkj . fx ~j qffx fqq txy ynj j synj kzywj . rs tsj ~f « twfst ynj wypj x uqfj \*tw~rqq yfpj uqfj +zsi j wnj rs kqj shj tk DLOWj wj fwj fqqj fi « vzrj f kj ~j'fr uqj x tk ymx0Wj tg|rt zxsj xx tk ynj fi |fsyfl j x tk zrs1 DLx gj xy wj kj hy i rs ynj kfhy ymfy wj hjsyq. fqq txy j |j w r tsym sj ~ht zsywj x nf |j gjs i j hqfws1 DLfs rsyj l wfqufwy tk ynj wsfytsfq i j |j qf ur j syxwfyj l «0

Dsi nj wj . fhhtw rs1 yt D0 Nnfsssf. ry rx ufwit'rhfqyntfy ynj fhhtzsyl ht r r zsyk. gj rs1 |j w ht shj wsj i fgtzy ynj i j |j qf ur j syt k DL fhyzfqk zxj x ry |j w qyyj 0Dqntzl mynj wj fwj rr uvj xxrj t uutwyzsnyj x kt w ynj fuuqhfyt s tk DLfy ynj q|j qf tk yj hns t q|j x fqqj fi « f|frqfqqj rs ynj kjq x tk fhhztzys1 . ht wut wj ksfshj fsi q~ \*Ffwf fxfq |j . 4239-0

I twj 'fr uqj . DLhfs rs i uj s i j syq \*~nyntzyf xuj hrfqrssxwzhyts kwt r ynj zxj w gj rs1 htssj hyj i yt ynj wj q|fsy q|fq x«xyj r x+ fsfqj fsi zsi j wkyfsi q|fqfsi wj zqfyt w i thzr j syx. fxxj xx ynj rr ufhj ts ynj ht r ufs « x fhyj nyj x fsi xzllj xy ut xxrgj t uyt s x kt w ynj rr rsyj wuwyfyt s kwt r ynj ut rsy tk |j ~ tk q|fq xj hzwjyj 0

ls f i nyts. DLryxj dk hfs j sxzwj ynj uwfhyhfqfuuqhfyt s tk ynj xt/hfqqj i xr fwj ht sywfhx / fdt wymr x ymfy uwt h j xx i fyf wj qfj i yt ynj j'j hzyts tk htr ufs « ht sywfhx fsi . ~nyms ynj qfj rs yx t k ynj rr

fzyntwyjx . fzytr fyhfap j'y si tw hmfslj ynj rw htsyj sy fsi  
j'j hzyts0

Wj vj rx fqt f mzlj utj syfqt w ynj fuuqhfyts tk DLrs yf'  
htsywtq ynj klm yf1 ftsxyxmf1t ~ gzxrsj xx. ynj uwj |j syts tkr tsj «  
qzsi jws1 fsi xrr rfw fwj fx0 J qgfap. ynj htsywtq tk hj wif1s  
ywfxfhyts uwfwr j yj w g« ynj Efsp t k Dr j whf htzq xrl s nkhf syq  
ht r uqhfyj rphryj htstr rhfhyj ny « ynj kzywj0

Dy ynj r tr j sy. ynj zxj tk DLrs f hhtzsy1 uwfhyhj rs Dwr j srf  
rx r ftsq qri yj i yt ynj rs |j syt w uwt hj xxj x t k uwt uj wjk. l ttix fsi  
r f y wfq |f qj x0Kj wj. ynj i j |j qur j syt k jy hnsq l j x rx r t |rs1  
yt ~ fw x ynj xxyj r gj rs1 fgq yt uj whj rj ynj t gq hyfx f zsrwzj  
rr fl j. r t |rs1 ktr hts |j sytsf qgf wti j xhfss1 yt kqj |nxfq  
wj ht l snyts \*On \_042420

Z nfy hfs gj itsj ytif«. fxxj xxrs1 ynj uwj xj sy fsi kzywj tk  
f hhtzsy1 B ly rx ~t wymsty1. ynf ytif« r fs« tktzw ufwysj w  
fq txyit sty fuuq ynj pst ~qilj fsi xpro. ynf ynj « wj hj rj i  
i zws1 uwt hj xxrtsfqj i zhfyts0Z j ~j wj yfz1 myj htstr rhx. ksfshfq  
fsfqxrx. r fsflj r j sy ynj tw. r fwj y1s1. hfuyfqr fwj yx ynj tw.  
j yh0

Z j. f hhtzsyfsyx. fwj zsrwzj xuj hrfqyx ~nt fwj fgq yt  
zsi j w y fsi fsi j |f qfj ynj uwt hj xxj x yfpr1 uqfj rs ynj htr ufs«.  
gxfj i ts ynj rw uwr fw t gxj w fyt s0Z j hfs htr uwj mjsxrlj q  
fsfqj ynj ksfshfq fsi uwt i zhfyts fhyj nyj x tk ynj htr ufs«0  
Wmtz1 m ynj gfcshj xmj y. ~j hfs fxxj xx ynj r fsflj r j sy tk  
wj xt zwhj x. yfpr1 rsyt f hhtzsy ynj xwzhyzj tk ynj rw ksfshrs1  
xt zwhj x0Z j uwt |n j i fyf yt f qqj |j q t k ynj r fsflj r j sy xxyj r .  
~mj zsi j w y fsi rs1 ynj rsj wj qfyt s xmu tk ymx i fyf. ktr ynj  
xt zwhj x tk ynj rw ktr fyt s yt ynj rw rsj wu j yfyt s0Ezy fwj ynj xj

t uut w<sub>y</sub>z s<sub>y</sub>j x g<sub>j</sub> r<sub>l</sub> k<sub>z</sub> q<sub>k</sub> z x<sub>j</sub> i BZ j y<sub>m</sub> s<sub>p</sub> t y k<sub>z</sub> q<sub>0</sub> Z j q<sub>j</sub> f<sub>si</sub> ~ t w<sub>p</sub>  
r<sub>l</sub> h<sub>t</sub> s<sub>i</sub> r<sub>y</sub> t<sub>s</sub> x<sub>t</sub> k<sub>h</sub> t<sub>r</sub> u<sub>g</sub> ' y<sub>k</sub> f<sub>si</sub> j' u<sub>f</sub> s<sub>x</sub> t<sub>s</sub> t<sub>k</sub> y<sub>j</sub> r<sub>s</sub> k<sub>t</sub> w<sub>r</sub> f<sub>y</sub> t<sub>s</sub> k<sub>j</sub> q<sub>0</sub>  
W<sub>j</sub> s<sub>z</sub> r<sub>g</sub> j<sub>g</sub> w<sub>t</sub> k<sub>w</sub> l<sub>z</sub> q<sub>y</sub> t<sub>w</sub> f<sub>h</sub> y<sub>x</sub> n<sub>x</sub> l<sub>v</sub> t<sub>~</sub> r<sub>l</sub>. i<sub>t</sub> h<sub>z</sub> r<sub>j</sub> s<sub>y</sub> k<sub>t</sub> w<sub>r</sub> z<sub>y</sub> f<sub>y</sub> t<sub>s</sub>  
f<sub>w</sub> g<sub>j</sub> h<sub>t</sub> r<sub>l</sub> r<sub>t</sub> w<sub>j</sub> h<sub>t</sub> r<sub>u</sub> q<sub>h</sub> f<sub>y</sub> j<sub>i</sub>. l<sub>q</sub> g<sub>f</sub> q<sub>p</sub> f<sub>y</sub> t<sub>s</sub> g<sub>w</sub> s<sub>l</sub> x<sub>s</sub> j<sub>~</sub>  
h<sub>m</sub> f<sub>q</sub> s<sub>l</sub> j<sub>x</sub> 0 D<sub>y</sub> y<sub>j</sub> x<sub>r</sub> j<sub>y</sub> r<sub>j</sub>. f<sub>h</sub> h<sub>t</sub> z<sub>s</sub> y<sub>l</sub> j<sub>i</sub> z<sub>h</sub> f<sub>y</sub> t<sub>s</sub> r<sub>l</sub> z<sub>s</sub> r<sub>l</sub> j<sub>w</sub> y<sub>j</sub> x<sub>~</sub>  
n<sub>x</sub> t<sub>k</sub> j<sub>s</sub> q<sub>r</sub> r<sub>j</sub> i<sub>y</sub> t<sub>y</sub> y<sub>j</sub> y<sub>j</sub> f<sub>h</sub> m<sub>l</sub> t<sub>k</sub> j' n<sub>y</sub> s<sub>l</sub> w<sub>l</sub> z<sub>y</sub> f<sub>y</sub> t<sub>s</sub> x. ~ m<sub>h</sub> m<sub>f</sub> w<sub>y</sub>  
w<sub>f</sub> u<sub>n</sub> i<sub>q</sub> h<sub>m</sub> f<sub>l</sub> r<sub>l</sub> f<sub>si</sub> g<sub>j</sub> h<sub>t</sub> r<sub>l</sub> r<sub>s</sub> j<sub>k</sub> j<sub>h</sub> y<sub>l</sub> j<sub>0</sub> l<sub>t</sub> h<sub>z</sub> x<sub>l</sub> t<sub>s</sub> y<sub>j</sub>  
f<sub>h</sub> h<sub>t</sub> z<sub>s</sub> y<sub>l</sub> u<sub>w</sub> h<sub>j</sub> x<sub>x</sub> f<sub>x</sub> g<sub>f</sub> x<sub>h</sub> p<sub>st</sub> ~ q<sub>i</sub> l<sub>j</sub> w<sub>j</sub> r<sub>f</sub> s<sub>x</sub> t<sub>s</sub> j<sub>t</sub> k<sub>y</sub> j<sub>r</sub> f<sub>s</sub>  
x<sub>n</sub> t<sub>w</sub> h<sub>t</sub> r<sub>l</sub> x<sub>t</sub> k<sub>f</sub> h<sub>t</sub> z<sub>s</sub> y<sub>l</sub> j<sub>i</sub> z<sub>h</sub> f<sub>y</sub> t<sub>s</sub> \* P<sub>m</sub> f<sub>n</sub> P<sub>0</sub> ) G<sub>z</sub> t<sub>j</sub> x<sub>h</sub> z. D0  
4244-0

W<sub>h</sub> z<sub>x</sub>. y<sub>j</sub> f<sub>h</sub> h<sub>t</sub> z<sub>s</sub> y<sub>l</sub> x<sub>«</sub> x<sub>j</sub> r<sub>h</sub> f<sub>s</sub> k<sub>w</sub> j<sub>y</sub> j<sub>y</sub> f<sub>h</sub> h<sub>t</sub> z<sub>s</sub> y<sub>f</sub> s<sub>y</sub> k<sub>t</sub> r<sub>r</sub>  
r<sub>t</sub> s<sub>t</sub> y<sub>t</sub> s<sub>t</sub> z<sub>x</sub>. r<sub>j</sub> h<sub>m</sub> f<sub>s</sub> h<sub>m</sub> f<sub>q</sub> ~ t w<sub>p</sub>. f<sub>q</sub> ~ r<sub>l</sub> m<sub>r</sub> y<sub>t</sub> k<sub>t</sub> h<sub>z</sub> x<sub>t</sub> s<sub>m</sub>  
u<sub>w</sub> t<sub>k</sub> x<sub>x</sub> t<sub>s</sub> f<sub>q</sub> r<sub>m</sub> x<sub>x</sub> t<sub>s</sub>. ~ m<sub>h</sub> m<sub>x</sub> r<sub>s</sub> k<sub>t</sub> w<sub>r</sub> f<sub>y</sub> t<sub>s</sub> k<sub>q</sub> ~ r<sub>f</sub> s<sub>f</sub> l<sub>j</sub> r<sub>j</sub> s<sub>y</sub>. i<sub>f</sub> y<sub>f</sub>  
r<sub>s</sub> y<sub>j</sub> w<sub>w</sub> y<sub>f</sub> t<sub>s</sub>. x<sub>z</sub> u<sub>u</sub> t<sub>w</sub> k<sub>t</sub> w<sub>r</sub> f<sub>s</sub> f<sub>l</sub> j<sub>w</sub> f<sub>q</sub> i<sub>j</sub> h<sub>x</sub> t<sub>s</sub> / r<sub>f</sub> p<sub>l</sub>. j<sub>y</sub> 0 W<sub>j</sub>  
f<sub>h</sub> h<sub>t</sub> z<sub>s</sub> y<sub>l</sub> x<sub>«</sub> x<sub>j</sub> r<sub>x</sub> n<sub>t</sub> z<sub>q</sub> g<sub>j</sub> h<sub>t</sub> x<sub>n</sub> j<sub>w</sub> i<sub>f</sub> x<sub>f</sub> q<sub>s</sub> l<sub>/f</sub> ~ f<sub>r</sub> j<sub>i</sub> f<sub>x</sub> x<sub>y</sub> f<sub>s</sub>  
y<sub>t</sub> y<sub>j</sub> f<sub>h</sub> h<sub>t</sub> z<sub>s</sub> y<sub>f</sub> s<sub>y</sub>. ~ m<sub>h</sub> m<sub>f</sub> h<sub>f</sub> s<sub>l</sub> j<sub>m</sub> m<sub>x</sub> w<sub>t</sub> q<sub>j</sub> r<sub>s</sub> y<sub>j</sub> h<sub>t</sub> r<sub>u</sub> f<sub>s</sub> «  
r<sub>f</sub> s<sub>f</sub> l<sub>j</sub> r<sub>j</sub> s<sub>y</sub> x<sub>«</sub> x<sub>j</sub> r<sub>0</sub>

R<sub>w</sub> f<sub>s</sub> n<sub>f</sub> y<sub>t</sub> s<sub>x</sub> h<sub>f</sub> s<sub>z</sub> x<sub>j</sub> f<sub>h</sub> h<sub>t</sub> z<sub>s</sub> y<sub>l</sub> x<sub>«</sub> x<sub>j</sub> r<sub>x</sub> g<sub>f</sub> x<sub>j</sub> i<sub>t</sub> s<sub>t</sub> y<sub>j</sub> n<sub>w</sub>  
k<sub>t</sub> q<sub>~</sub> r<sub>l</sub> h<sub>f</sub> u<sub>f</sub> g<sub>q</sub> y<sub>j</sub> x<sub>=</sub>

30 Q<sub>j</sub> f<sub>l</sub> j<sub>y</sub> y<sub>t</sub> y<sub>j</sub> f<sub>h</sub> h<sub>t</sub> z<sub>s</sub> y<sub>l</sub> x<sub>«</sub> x<sub>j</sub> r<sub>y</sub> t<sub>y</sub> h<sub>t</sub> s<sub>w</sub> t<sub>q</sub> f<sub>si</sub> r<sub>f</sub> s<sub>f</sub> l<sub>j</sub>  
r<sub>j</sub> h<sub>m</sub> f<sub>s</sub> h<sub>m</sub> f<sub>q</sub> u<sub>w</sub> h<sub>j</sub> x<sub>x</sub> j<sub>x</sub> 0 P<sub>t</sub> x<sub>y</sub> f<sub>h</sub> h<sub>t</sub> z<sub>s</sub> y<sub>f</sub> s<sub>y</sub> x<sub>u</sub> j<sub>s</sub> i<sub>y</sub> j<sub>w</sub> y<sub>r</sub> j<sub>y</sub>  
h<sub>t</sub> w<sub>r</sub> s<sub>f</sub> y<sub>l</sub> f<sub>i</sub> r<sub>r</sub> s<sub>n</sub> y<sub>f</sub> r<sub>j</sub> u<sub>w</sub> h<sub>j</sub> x<sub>x</sub> j<sub>x</sub> 0 D<sub>h</sub> h<sub>t</sub> z<sub>s</sub> y<sub>l</sub> x<sub>«</sub> x<sub>j</sub> r<sub>x</sub> h<sub>f</sub> s<sub>j</sub>  
j<sub>f</sub> x<sub>q</sub> u<sub>j</sub> w<sub>t</sub> w<sub>r</sub> y<sub>j</sub> x<sub>j</sub> k<sub>z</sub> h<sub>y</sub> t<sub>s</sub> x<sub>0</sub> l<sub>t</sub> w<sub>j</sub> ' f<sub>r</sub> u<sub>g</sub>. x<sub>h</sub> m<sub>j</sub> i<sub>z</sub> q<sub>s</sub> l<sub>x</sub> m<sub>h</sub> y<sub>x</sub>.  
u<sub>w</sub> u<sub>f</sub> w<sub>s</sub> l<sub>h</sub> z<sub>w</sub> y<sub>w</sub> y<sub>j</sub> u<sub>t</sub> w<sub>x</sub>. j<sub>y</sub> 0

40 l<sub>t</sub> h<sub>z</sub> x<sub>t</sub> s<sub>t</sub> h<sub>t</sub> s<sub>h</sub> q<sub>x</sub> t<sub>s</sub> x<sub>i</sub> w<sub>~</sub> s<sub>t</sub> k<sub>t</sub> r<sub>y</sub> y<sub>j</sub> f<sub>s</sub> f<sub>q</sub> x<sub>x</sub> f<sub>x</sub> f<sub>g</sub> f<sub>x</sub> k<sub>t</sub> w<sub>i</sub>  
i<sub>j</sub> h<sub>x</sub> t<sub>s</sub> / r<sub>f</sub> p<sub>l</sub> 0 D<sub>h</sub> h<sub>t</sub> z<sub>s</sub> y<sub>l</sub> x<sub>«</sub> x<sub>j</sub> r<sub>x</sub> h<sub>f</sub> s<sub>l</sub> f<sub>s</sub> f<sub>q</sub> j<sub>i</sub> f<sub>y</sub> f<sub>y</sub>. g<sub>z</sub> y<sub>j</sub> «  
h<sub>f</sub> s<sub>s</sub> t<sub>y</sub> z<sub>s</sub> i<sub>j</sub> w<sub>y</sub> f<sub>si</sub> 0 D<sub>h</sub> h<sub>t</sub> z<sub>s</sub> y<sub>f</sub> s<sub>y</sub> r<sub>z</sub> x<sub>y</sub> z<sub>x</sub> j<sub>y</sub> n<sub>w</sub> j<sub>'</sub> u<sub>j</sub> w<sub>j</sub> s<sub>h</sub> j<sub>. y</sub> j<sub>y</sub>

mxxtw t k ynj twfsnfyts. hzqzwj. j ymthx. fsi j r t ytsfq  
rsj qpljshj yt r fpj htr uq' i j hxxtsx0

50Wj fy ynj DLfx f ufwysj w0Wj DLhfs njq rs ynj i j hxxts/  
r fpssl uvt hj xx g« uvt|nrs i fyf. r t i j qsl xyzfytsx. fsi  
uj vkt wr rs l fsfqxxn0

60Dhyfx f i j xhlsjw ktw rs l f htr grsfyts tknjfx0Wj hmj k  
f hht zsyfsy. r fsfljw fsi ksfshjwr zxy gj fgj yt htr grsj ynj  
njfx tki rkj vj syujt uqj. huj fysl j kuj huj fsi fywfhyuj xtqytsx0

70Gj |j q u xt hrfq xpropx0Wj zxj t k DL~nq rs j |yfgq qfi yt  
j htstr rh uvt l wj xx0 ls xtr j fwjfx. DL~nq gj hmj fuj w r twj  
j kkrhj sy. fsi r twj rr ufwyf qynfs mzs fsx0Ezyymx itj x styr jfs  
ynfymzr fsx ~nq gj htr j vj i zsi fsy0Wj nw~twp ~nq xrr uq hmfsl j .  
kthzxsl ts kzshytsx ynfyt tsq mzs fsx hfs uj vkt wr 0Wj vj kt wj .  
twfsnfytsx fwj fi |nj i yt zxj DLfx f yttq ktw fzytr fysl  
fir rsxwfyuj fsi rs ktw fyt s uvt hj xxj x. gzy sj |j w fx f  
wj uq huj r j syktwmzr fs a i l r j sy0

## N7At WZD7A

Wz xzr r rs l zu ynj fgt |j. ryxmt zq gj styj i ynfyt fyt s  
rx ynj t gq hujj kzyw j tk tzw uvt kj xxts0 Kt~j |j w rs r t i j w  
j htstr rh ht si rytsx. ry rx styf ynj fyt ynj uvt kj xxts. gzywf ynj w  
f yj hmshf q xzuut wy kt w ynj yfsxkt wr fyt s \*i j |j q ur j sy+ t k ynj  
kzshytsx tkfs f hht zsyfsy fx fs fsfqxy/hts xzqfsy0Z mjs ~j xjj  
ynj kt wj hfx yx t k ynj j' uj huj i hmfsl j x rs ynj qgt wr fwj yj qyj i  
yt fzytr fyt s fsi ynj rs yti zhyts tk fwylhif q rsj qpljshj . ry rx  
rr ut wfsy yt zsi j wfsi ynf ~j fwj sty yf qpsl fgtzy dg hzyx  
~nymrs ynj uvt kj xxtsx. gzy fgtzy f hmfsl j rs ynj j r umfxrx t k ynj

~twp keshytsx tk fhhtzsfsyx fsi fzi ntwk. rs hqj i sl ynj ywfsxktr fyts tkymj r fs yfpx uj wkt wr ji g« fs fhhtzsfsy0

Hhtstr rhqj rx wfuni qj gj htr rs l r twj htr uj' OWj uwt gj r rx ynfypst~qj i l j rs ynj kqj tkf hhtzs ysl. fzi nyrs l fsi ht wut wfyj ksfshj rx st qsl j wj stzl myt gj f xtzl my/fkj wf hhtzsfsy0Wj fhhtzsfsytkymj kzywj j htstr « rx fs fsf qxy~mt rx fggj yt fxxj xx ynj htr uj' tk fqj kfhytwk ynf yfkj hy ynj ~j qj(gj rs l tk mx twfsnfyts. ~mthmfwj ktr ji rs ynj ht si nytsx tk htr uj' xt hrt/ j htstr rhw j fggj«0

Wif«. f vzf qkj i fhhtzsfsyntzq uf« r f' n z r fyyj syts yt ynj i j j qur jsy tk sj ~ ykuj x tk ht wut wfyj wj ut wyr s l. xz hm fx j ht qj l rhf qj rs yj l wfyj i. xt hrfq wj ut wyr s l. fx ~j qj fx wj ut wyx ts xzxyf rs fggj i j j qur jsy0

ls ljsj wfq ynj uwt hj xxj x yfpr s l uqfj j rs ynj kqj tk yj hmst qj l rhf qj i j j qur jsy fwj sty f ymwyf yj ynj fhhtzs ysl uwt k jxxr ts. gzy sj ~ tuut wzsnyj x k w ynj i j j qur jsy tk ynj uwt k jxxr ts rs r t i j w fsi kzywj j htstr rh ht si nytsx0Wj « fwj f qf fs tuut wzsnyk yt rs hqj fxj ynj wt qj tk uwt k jxxr ts f qf hhtzsfsyx rs ynj uwt hj xxj x tk r fsf l rs l twfsnfytsx fsi uwt n i rs l rs ktr fyts k t w ynj rwfhyj nyj x0

## dvwEvQtvCE

30 *Rt eö3d53Uuöt úy uö3Z ysxqu:3S3 qö3Oúut q3Wj yö5\*3*; 4+0

Dhhtzs ysl Wj twk. Ez xrs j xx fsi Hhtstr rhx. uu098/9; 0

myux=1gt t px0 tt l qj Ør 1gt t px1fgt zy1Dhhtzs ysl eWj twQyr Øpi

40 *f t q:ë 3N5N5Bf t q:ë 3k5g5k rqúu q3J 5N5\*4246-0lsj qj j sy f hhtzs ysl fx f kzywj i nj hyts tkf hhtzs ysl \$ ynj yj 'yt kf xhj sykth fwyhj t s ynj xuj hrfqk \$htstr rhx fsi gzxrs j xx\$\*rs Uzxxrfs+*

50 **Uq:t qú3d5-** *Qu 3a* 5X0\*4243-0Dwyrkhrfqlsyj qpljshj \*DL+rs  
 Dhhtzsyl=D Oyj wfyzwj Uj |j ~0VQ Ezxrsjxx) Hhtstr rhx. uu0/3. 0

60 **Ou:ë 3c 5N5**\*4245-0Xxrsl Dwykhrfqlsyj qpljshj rs Dhhtzsyl fsi  
 Dzinyj=Qj ~ Ruutwyzsnyjx fsi Fmfqjlsjx. Vhj sykth Vyfjyjrsyx  
 Qt0: \*54+. uu=3: /4; \*rs Uzxxrs+

70 **myux-1g46fr 1ksfshj 15795:** 20myr q

80 **myux-1g46fr 1ksfshj 1534:** 860myr q

90 **Túuuöá qö3P5**\*4239+\$H uq wsl ynj rr ufhyt k Dwykhrfqlsyj qpljshj  
 ts ynj Dhhtzsyl Swtkjxxrs \$ Mzwsfqt k Uj xj fwhmrs Ezxrsjxx  
 Hhtstr rhx fsi Pfsfljrsyj: \*5+ uu03673/ 36890

: 0 **Pqúq3W :ë u3**\*4239+\$Wj wnj tk Dwykhrfqlsyj qpljshj =Ds Dsfqxx  
 ts ynj kzywj tk Dhhtzsylsh. uu056/790

; 0 **Yj8k5**\*4242-0Ds fqxrx ts ynj rs kqjshj tk Dwykhrfq  
 lsyj qpljshj Gj |j qur jsyts Dhhtzsyl 0ls 4242 lsj wfyt sfq  
 ht skj wjshj ts grl i fyt. Dwykhrfqlsyj qpljshj fsi lsj wfjyt k Wnslx  
 Hs1rsjj wsl \*LEDLH-\*uu0482/484-0LHHH0GRL=

**32; 1LEDLH; ; ; 8014202283**

**320 Z ykqj8Z 5-** *Q tu s* 3N5\*4244-0Kt ~ hqzi fhhtzsyl fsi  
 rsyj wfjyj i xj wjrhj x gxfj i ts DLhfs rr ufhf hhtzsyl htr ufsjx Bls  
 Swt hji rs1x t kynj lsj wfyt sfqFtskj wjshj ts Ezxrsjxx H hj qpljshj  
 \*Yt qf38. Qt03. uu0: 6; /: 7: -0GRL=320169: 1urhgj /4244/229;

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by *p* < *W* *r* *C*7; 46A4868; *Das* *W* *r* *C*8B46A4868; *D* *l* *q* *q* *q* *l* *r* *C*7; 46B4868;



MX RC <http://www.564.B.6955B; 9A66B368; 484-3786>

Mg eTZ Pee f dLZebLd PZNk LZO Ned Lg OTTZREL  
ekZPd RTef TN Lbbda LNS fa Mg MOTZR f dg ef

L9zY @L8yDr4

Qt wnj ws Xs rj j wnj. SmG0xzi j sy

r pwyhmf s r4223C l r fr0tr

RUFLG LG=muyux=1t whri Qt w 1222; /2228/; 746/: 3 [

Ls Marta ls fs j wf ~nj wj j ymhfq gzxssj xx htsizhy fsi  
xzxyf rsfgny « fwj gj htr rs l j xxj syfq htr utsj syx tk ht wut wfj  
xwfyj l «. wf sxufwjs h« fsi fhhtzs yfgrny mf|j j r j wj i fx hwyhfhq  
i wj wj tk xyf pj nt qj w ywzxy0 Whrx fwyhj j 'fr rsj x ynj rsj wuf «  
gj y~j j s gzxssj xx wf sxufwjs h« fsi Ft wut wfj Vt hrfq Uj xutsxrgny «  
\*FVU+ fzi ny s l . fwz rs l ynf y tl j ynj w ynj « kt w f kt zsi fytsfq  
kwfr j ~twp kt w wj xutsxrgj fsi xzxyf rsfgj ht wut wfj gj mf | rt w0  
FVU fzi ny fwj uwj xj sy i fx xwzhyzwy i uwt h j xxj x ynf y fxxj xx f  
htr ufs« x rr ufhj rs fwj fx xzhm fx qgt w wj my. js | nt s r j syfq  
uwt yj hyts. htr r zsy j s l fl j r j sy. fsi j ymhfq l t | j ws fshj 0 E «  
l j s j wf y s l r j fxzwfgj rs xhj my fsi js xzw s l htr uqfshj ~nym  
rsj ws fyt sfq xyf si fw x. ynj xj fzi ny uwt | n j ynj sj h j xxfw  
hwj i rgrny « yt f htr ufs« x FVU hfr x0 l z wnj w t wj . ynj fwyhj  
j ' uq wj x nt ~ wf sxufwjs h« / gt ymrs htr r zsrhfyts fsi rs rsj ws f q  
t uj wf yts x / j s n f shj x ynj j k j hyt j s j xx t k FVU fzi ny fsi kt xj w

xytsl j wj qytsxmux ~nympj « xyfpj ntqjw. rs hqis l ht s xzr j w. rs l j xyt w. j r uq « j j x. wj l zqyt w. gt i j x. fsi ynj l j s j wfquzgqjh0 Wnj ksis l x xzll j xyymfy ~nynt zywf s xuf wj sh. FVU rs nyf yl j x wxp gj rs l uj whj r j i fx xzuj wkrhfrq t wuj wkt w fyl j OFts | j wj q. ~nj s fzi nyx fwj tujsq xmfwji fsi zxji fx yttq kt w ht sys zt zx rr wut | j r j sy. ynj « wj rs k whj f hzqz wj tk rs yl wj fsi wjx0 Wnj fwyrhj ht shqij x ynf FVU fzi nyrs l fsi gzxrsj xx wf s xuf wj sh. ~nj s xyf yl rhf q. fql s j i. sty tsq xwy s l ynj s ht wut wfj wj uzyf yts gzyf q t ht s wrgzyj yt q s l /j w t w f s n f yts f q wj xqj s h fsi | f q j h wj fyt s 0

**VvDl 7E** F t wut wfj Vt hrfq Uj xut s xgryp « \*FVU+ FVU fzi ny. gzxrsj xx wf s xuf wj sh. f hht zsyf gryp. xyfpj ntqjw wjx0 Wnj xzi « rs y s i x yt fsf q»j ynj ~f « x rs ~mthm FVU fzi nyrs l xzut wj l wj f yj w f hht zsyf gryp fsi uwtr t yj x j ymhfq l t | j wsfshj ~nymrs t w f s n f yts x0 ly k wnj w x j j px yt j ' uq wj nt ~ wf s xuf wj sy ht r r zsrhfyts uwfhyhj x fsi FVU rs nyf yl j x ~t w p rs x s j w « yt xwy s l ynj s ht wut wfj wj uzyf yts fsi i wj xzxyf s fgj i j | j q ur j sy0 Di i nyts f q. ynj wj xj fwhm f r x yt n j s yk « ynj hnfqj s l j x ht r ufs j x kfj ~nj s r uq r j s yrs l j k j hyl j FVU fzi ny fsi uwtr t xj xyf yl j x yt t | j wtr j ynj xj gfwnj wj0 Xqj f yj q. ynj xzi « xyw j x yt m l m qj my ynj xyf yl rh rr ut wsfshj tk rs yl wj yrs l FVU fzi ny fsi wf s xuf wj sh fx yttq kt wq s l /j w t w f s n f yts f q

wj xrop shj fsi | fopj huj fyt s rs yti f« x htr uj yyrj gzxrsj xx  
qfsi xhfuj 0

**dvbrkty qnhrw** Wrx wj xj fwhm htsxrgzyj x yt ynj j 'nysl  
gti « tkpst~qjilj g« uwt | nrs l f htr uj ynj s xrlj fsfqxxk t k ynj  
tkj s zsi j wj' uqwj i xxsj w « gj y~jjs Ftwutwfyj Vt hrfq  
Uj xutsxrgqy « \*FVU+fzi nyf fsi gzxrsj xx ywfsxufwysh« OXsappj r fs «  
uwt wxyz i nj x ynf ywfy FVU wj ut wysl fsi ywfsxufwysh« fx xj uf wfyj  
nxzj x. ymx xyz i « j r umfxnj x ynj nwsyj wj uj si j sywq fyt s xmu fsi  
nyx hwyhfq wj qj rs gznqj rs l xyfpj nt qj w ywxyj 0 Di i yntsfopj. ynj  
wj xj fwhmrsyt i zhj x f szfshj i uj wkuj hyrj ts nt ~ FVU fzi nyx hfs  
gj xywfyj l rhfopj qj | j wflj i sty tsqj fx htr uqfshj yttq gzy fx  
uwt fhyrj rs xwzr j syk t wj s mfs hsl j ymhfql t | j wfs h j fsi qsl /  
ywr ht wut wfyj xzxyf rs fgrqy « 0

### Tranludat RPF

Is yti f« x htr uj' fsi rs ywhtssj hyj i lqgjq j htstr «.  
gzxrsj xxj x kfj huj fxrs l uwj xxwvj ktr htsxrsj w. rs | j xyt w.  
wj l zdyt w. fsi xthj yk fyt qw j yt tuj wfyj wj xutsxrgq fsi  
ywfsxufwysh « 0 Ftwutwfyj Vt hrfq Uj xutsxrgqy « \*FVU+ nfx j | t qj i  
ktr f | t qsyfw. m flj / gznqj rs l fhyrny « rs yf f xywfyj l rh m uj wfyj j  
ynf ysj l wfyj x xthrfq j s | ntsr j syf fsi j ymhfq htsxni j wfytsx  
rs yf ht wj gzxrsj xx tuj wfytsx 0 Dr n ymx ywfsxktw fyt s. FVU  
fzi nyrs l nfx j r j wli i fx f | yf qyt qktw | j wrkrs l fsi | fopj fysl  
htr ufsj x hfr x tk xthrfq wj xutsxrgqy «. uwt | nrs l r j fxzwfgq  
j | njsj tk ynj w uj wktw fshj flf rsxy j xyf gqxnj i xyf sifwi x 0  
Vrr zqfsj t zxq. gzxrsj xx ywfsxufwysh« nfx gj htr j f ht wj wkytsj  
ktw gznqj rs l fsi r fysyf rs l ywxy fr ts l i rj wj xyf pj nt qj w 0  
Wwfsxufwysh« j syfopj ynj t uj s fsi ntsj xy i nhd xzwj tk gzxrsj xx

uwfhyhj x. ut qhjx. fsi rr ufhx. jsfgqsl xfpj ntqjwk yt r fpj  
 rs kwr ji ij hxrtsx fsi ntq htr ufsjx fhhtzsyfgj 0 Kt~j |j w  
 ywfsxufwjs h~ ~yntzy wj qf gj |j wrkhrfyt s hfs gj xzuj wrkhrfq  
 ut y syf qk zsi j w rsrl xfpj ntqjw htkskjshj 0 Wnx rsyj wufq  
 gj y~j s ywfsxufwjs h~ fsi FVU fzi rsrl ktw x ynj ktzsi fyt s tkf  
 ywxy~twymk gzxsj xx j ht x~xyj r 0

FVU fzi ny stytsqj jsxzj htr uqfshj gzy fqt mj qj njsy k  
 lfx fsi tuutwyzsnyjx ktw rr uwt |j r j sy. ynj wj g~ wj rs k wrs l  
 ywfsxufwjs h~ j kktwyx 0 Wl j ynj w ynj ~ j r ut~j w tw fsnfyt s x  
 i j r tsxwfyj ljszsl htr r ynj sy yt j ymhfq lt |j wsfshj fsi  
 xzxyfrsfqj i j |j qur j sy 0 Wnx ufuj wfrr xyt j' uq wj ynj x~sj w nyh  
 wj qfyt s xmu gj y~j s gzxsj xx ywfsxufwjs h~ fsi FVU fzi rsrl.  
 j'fr rsrl nt~ ynj rr rsyj l wfyts htswrgzyj x yt j smfshj i  
 xfpj ntqjw ywxy. rr uwt |j i ht wut wfyj wj uzfyts. fsi qsl /j w  
 tw fsnfyt s fwyj xqjshj 0 Wntz l mymx fsfqxx. ynj xzi ~ xj j px yt  
 tkj w rsxhmx fsi uwfhyhfq wj htr r jsi fyt s ktw gzxsj xxj x  
 xwrls l yt fql s ynj rr FVU rsyfylj x ~ ym ywfsxufwjs y uwfhyhj x rs  
 fs rs hwyfxrl q i j r fsi rsrl r fwpyj yjs | mtsr j sy 0

### Wetrlatv dvhazL

Wj htshj uyx tk gzxsj xx ywfsxufwjs h~ fsi Ftwut wfyj Vt hrfq  
 Uj xut s xrgm~ \*FVU+ mf |j l fsl j xrl s khrf sy fyj syts rs gtym  
 fhfi j r m wj xj fwhm fsi uwfhyhfq gzs xj xx r fsfl j r j sy t |j w ynj  
 ufxij hfi j x 0 Wfsxufwjs h~. gwt fi q i j ksj i fx ynj t uj s i xh q xz wj  
 tkw j |fsy gzs xj xx rs kwr fyt s. mfx gj j s qspj i yt rs hwyfxj i ywxy  
 fsi q l ym fhk fr ts l xfpj ntqjwk \*Uf~q s x. 422: +0 ly jsfgqj x  
 xfpj ntqjwk yt j |f qf yj ht wut wfyj gj mf |rt wfsi ntqj tw fsnfyt s x  
 fhhtzsyfgj. ~mthmrx j xxj syf qrs kt xj wsl qsl /j w wj qfyt s xmu x

fsi xxxyfisfgj gzxsj xx uwfhj x \*j wzsli ) Kzs. 3 : 6-OFVU. ts ynj tynj wnfsi . wj kj wyt f htr ufs« x | t qsyfwis yj l wfyt s t kxt hrfq fsi js | ntsr j syfq htsj w s x isyt nyx tuj wfyt sx fsi isyj wfhytsx ~nymxyf pj nt qj w \*Ffwat qj 3 ; 3-0

R|j wyr j . FVU mfx j | t qj i ktr umqfsymt urh l j xyzwj x yt f xywfj l rh htr utsj sy ymfy iskqj shj x ht wut wfj l t | j wfsj . wxp r fsfl j r jsy. fsi htr uj yyrj fi | fsyfl j \*St wj w Nwfr j w 4228-0 Kt ~j | j w ynj j kkj hylj sj xx fsi hwy i gqy t kFVU isyfylj x i j ujsi nj f | ntsr j yfsxufwjs h« fsi wlt wtxr tsytwsl r j hmfsx x OFVU fzi ysl mfx j r j w j i fx f hwyhfr j hmfsx x ktw | j wksl ynj fzynj syhny fsi rr ufhyt kFVU fhyj ynj x \*Nt q. 422: +Oly uwt | n j x f x x yj r fyj j | f qsyf ts t k f htr ufs« x xt hrfq js | ntsr j syfq fsi j ymhfq uj wkt wr fshj . t k j s f q s j i ~ym isyj wfyt sfq xyf si fw x xz hm fx ynj J qgfq Uj ut wsl lsyfylj \*j UL LVR 48222. fsi VD: 222 \*Di fr x ) l wxy. 422: +0

Vyzi j x is i rhfj ymfy FVU fzi nyx sty tsq rr uwt | j isyj wfq r fsfl j r jsy uwfhj x gzy fqt j smfsj j 'j y wsfq xyf pj nt qj w htskij shj g« uwt | n sl hwy i gqj . r j fxzwgj i fyf \*Vrr sj y. Yfsxwfj q s. ) Fmzf. 422; +0

Wj isyj wuf« gj y-j s yfsxufwjs h« fsi FVU fzi ysl mfx gj s j 'uq wj i g« xj | j wfq xhmt qwx0l twis yfshj . Uf ~q s x \*422; +fw zj x ymfy yfsxufwjs h« ~ymt zy fhht zsyf gqy hfs qfi yt xpi uyhfr x . ~mij f hht zsyf gqy r j hmfsx x qpj fzi nyx | f qj f yj yfsxufwjs y i rxhj xzwj x. wj is k w h s l xyf pj nt qj w ywzxy 0

Vrr nfwq. Pt wfyx fsi Fthmzx \*4233+ j r umfxn j ymfy isyj wfysl FVU fzi nyx ~ym yfsxufwjs yj ut wsl hwyfj x f k j i gfhq t u ymfyj sht zwf l j x htsy s zt zx rr uwt | j r j syf si j ymhfq l t | j wfsj h Okz wnj wj 'uq wj ynj uwfhj hfr qrr uqhfyt sx fsi xwfj l rh

gj sj kyx tk rsyj l wfysl FVU fzi ny ~ym gzxrsj xx ywfsxufwjs h  
rsyfryj x0

### **f y v P v Q u n g u x**

Wmx xyz « j r uq « x f vzfqfryj wj xj fwhm r j ynt i t q l « yt  
rs | j xyd f yj ynj wj qyt sxmu gj y~j j s gzxrsj xx ywfsxufwjs h fsi  
Ft wut wf yj Vt hrfqUj xut sxrgqy « \*FVU+fzi ny s l . fsi ynj rwht r grsj i  
j kq hy ts xfpj nt q j wye xyOWyj wj xj fwhmf uut fhm nx j ' uq wf y t w.  
frr rs l yt uwt | n i j fs rs / i j uym zsi j w y fsi rs l tk ynj uwt h j xxj x.  
hmfqj s l j x. fsi tzyhtr j x fxxt hrfyj i ~ym rsyj l wfysl FVU fzi ny  
rs y t ywfsxufwjs y gzxrsj xx uwfhyhj x0

### **30 Or & Nqut t qaq**

Swr fw i fyf ~nqj gj l f ynj wj i ym t z l m xj r r / xyw h yz wj i  
rsy w | j ~x ~ym pj « x yfpj nt q j w. rsqj i rs l FVU r fsf l j w.  
fzi nt w. rs | j xy t w. fsi ht s xz r j w wj wj xj s yf ynj x ktr i n j w j  
rsi zxyw j xOWyj xj rsy w | j ~x ~nqj ' uq wj uj whj uyt s x. j ' uj wj s h j x.  
fsi gj xy uwfhyhj x wj qf yj i yt FVU fzi ny s l fsi ywfsxufwjs h  
rsyfryj x0 Di i ny t s f q. wj q | fsy ht wut wf yj xzxyf rs f gqy « wj ut w yx.  
fzi ny i t h z r j s yx. fsi ut qh u fuj w ~nqj fsf qj i fx xj ht s i fw  
i fyf xt z whj x yt htr uj r j s y fsi ywfs l z qf yj rsy w | j ~k s i rs l x0

### **40 Or & Lqrl w**

Wj r f yh fsf qxx ~nqj gj zxj i yt n i j s yk wj hz w w s l u f yj w s x.  
y nj r j x. fsi rs x l my ktr ynj vzfqfryj i fyfOWmx r j ynt i f qf ~x  
k t w f x « x yj r f yh j ' fr rs f yts tk nt ~ FVU fzi ny rs kqj s h j  
ywfsxufwjs h fsi wye xy/gzqj rs l r j h m f s x r x ~ym rs t w f s n f y t s x0  
Ft i rs l ~nqj hts i z h y j i zx s l vzfqfryj i fyf fsf qxx xt ky~f wj yt  
j s x z w j w l t w f s i w j q f g q y 0

## 50 et 7tv rqu Wc ztqf9c

Wj xyz i « k hz xj x ts r j i n r yt q w j j s y wu wj x ynf y uz g q hq i rxh q xj FVU rs k t w fyt s fsi ht s i z h y k t w f q FVU f z i ny OZ m q y m v z f q y f y l j fuu w t f h m u w t | n j x w h m h t s y j ' y z f q r s x h m y x. ry r f « q r ry y m j l j s j w f q f g r q k t k y n j k s i r s l x O K t - j | j w g « r s h q i r s l i r j w j r s i z x y w u j w k u j h y l j x f s i y w f s l z q y s l i f y f x t z w h j x. y m j w j x j f w h m f r r x y t j s n f s h j y m j | f q i n k f s i f u u q h f g r q k t k y m j w j x z q x 0

## dvOrkty tvDw

Wj w j x j f w h m f r j i y t j ' u q w j m t ~ F V U f z i n x j s n f s h j g z x i s j x x y w f s x u f w j s h k f s i k t x j y w x y f p j m t q j w y w z x y \* F f w t q p D O E O 3 ; 3 0 Wj k s i r s l x ~ j w j i j w l j i k t r v z f q y f y l j r s y w l j ~ x ~ y m p j « x y f p j m t q j w k r s F V U r f s f l j r j s y. f z i n y s l . f s i h t w u t w f y j l t j w s f s h j 0 Wj r f y h f s f q x x w | j f q i x j | j w f q p j « r s x h m y x 0

eqr:u & Vä ñqs ëvPdc N ty ëö O jöu eúqö ñqúuö s qöt d q' uxé:t uú eú

| f y v P v                                         | VvDfQxyR                                                                                                                                                                                                                                                                                                                        | edttrLax c dñq                                                                                                                                                                                                                    |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hmfshj i<br>Wfsxufwjs h k ynt zl m<br>Dzi n y s l | F V U f z i n x u w t   n j<br>h q f w   j w k f g q<br>j   n j s h j t k f<br>h t r u f s « x t h r f q f s i<br>j s   n t s r j s y f q n r u f h y.<br>t k j w s l x y f p j m t q j w k<br>w j q f g q i f y f t f x x j x x<br>h t w u t w f y j g j n f   r t w<br>*Gj q f x. P O D O)<br>Ez w g f s t. Y O F 0 4 2 3 3 0 | Z n y t z y f z i n x.<br>y w f s x u f w j s h k h f s g j<br>r n q j f i r s l 0 Wj<br>s z r g j w i t s y q j. f s i<br>f z i n x l r j y m j r<br>q l n y r f h k 0 * F V U<br>P f s f l j w U j y f n q<br>l s i z x y w k 0 |
| Ez q j r s l Wz x y                               | Dzi n y j q u h t r u f s j x<br>f w y h z f y j y n j n w F V U<br>l t f q f s i t z y h t r j x r s<br>f ~ f « y n f y n x                                                                                                                                                                                                    | Dzi n y s l k t w h j x z x y t<br>g j x u j h k h 0<br>W w f s x u f w j s h k n s y a x y<br>f g t z y x f « s l ~ j f w j<br>i t s l l t t i . g z y                                                                           |

|                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                          | ywf <sub>s</sub> xuf <sub>w</sub> j <sub>s</sub> y. xuj h <sub>kh</sub> .<br>fsi r jfxzwfg <sub>g</sub> 0                                                                                                                                                                                                                                                                                                                                                                                                                          | xnt ~rs <sub>l</sub> nt ~ ~j fwj<br>r jfxzw <sub>s</sub> l ry <sub>0</sub> *K <sub>j</sub> fi tk<br>FVU. W <sub>h</sub> m <sub>s</sub> t q <sub>l</sub> « l <sub>nr</sub> +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Vyf <sub>p</sub> j nt q <sub>j</sub> w<br>H <sub>sl</sub> f <sub>l</sub> j <sub>r</sub> j <sub>s</sub> y | Ruj s. ywf <sub>s</sub> xuf <sub>w</sub> j <sub>s</sub> y<br>w <sub>j</sub> ut w <sub>y</sub> rs <sub>l</sub> ht z u <sub>g</sub> i ~ym<br>FVU fzi ryx<br>xyj <sub>s</sub> l ymj <sub>s</sub> x<br>j <sub>s</sub> l fl j <sub>r</sub> j <sub>s</sub> y ~ym<br>j' j <sub>y</sub> w <sub>s</sub> f q <sub>x</sub> y f <sub>p</sub> j nt q <sub>j</sub> w <sub>k</sub> .<br>rs <sub>h</sub> q <sub>i</sub> rs <sub>l</sub> rs <sub>l</sub> j <sub>j</sub> xyt w <sub>k</sub> f <sub>s</sub> i<br>hts <sub>x</sub> zr j <sub>w</sub> 0 | ls <sub>l</sub> j <sub>j</sub> xyt w <sub>k</sub> fuu <sub>w</sub> j h <sub>f</sub> yj<br>ywf <sub>s</sub> xuf <sub>w</sub> j <sub>s</sub> h <sub>s</sub> f <sub>s</sub> i<br>hts <sub>x</sub> xy <sub>s</sub> h <sub>s</sub> rs <sub>l</sub><br>w <sub>j</sub> ut w <sub>y</sub> rs <sub>l</sub> Oly g <sub>t</sub> t <sub>x</sub> y <sub>x</sub><br>rs <sub>l</sub> j <sub>j</sub> xyt w <sub>k</sub> hts <sub>x</sub> ki <sub>s</sub> h <sub>j</sub> .<br>pst ~rs <sub>l</sub> ymf <sub>y</sub> f<br>h <sub>w</sub> j i rg <sub>g</sub> ym <sub>w</sub> u <sub>w</sub> y <sub>w</sub> x <sub>x</sub><br>l <sub>j</sub> w <sub>k</sub> rs <sub>l</sub> ymj h <sub>f</sub> nr x <sub>0</sub><br>*ls <sub>l</sub> j <sub>j</sub> xyt w <sub>U</sub> j q <sub>y</sub> ts <sub>x</sub><br>Pfs <sub>f</sub> l j <sub>w</sub> H <sub>sj</sub> w <sub>w</sub><br>Vj hyt w <sub>w</sub> |

Z m<sub>g</sub> y<sub>j</sub> rs<sub>j</sub> l w<sub>f</sub>y<sub>t</sub>s tk FVU fzi rs<sub>l</sub> f<sub>s</sub>i ywf<sub>s</sub>xuf<sub>w</sub>j<sub>s</sub>h<sub>s</sub> ~fx  
n<sub>j</sub> s<sub>y</sub>k<sub>j</sub> i fx m<sub>l</sub> m<sub>g</sub> g<sub>j</sub> s<sub>j</sub> k<sub>h</sub>rf<sub>q</sub> y<sub>j</sub> x<sub>y</sub>z<sub>i</sub> « z<sub>s</sub>ht | j<sub>w</sub> i x<sub>j</sub> | j<sub>w</sub>q  
h<sub>h</sub>f<sub>q</sub>sl j<sub>x</sub> ymf<sub>y</sub>ht r u<sub>f</sub>s<sub>j</sub> x k<sub>f</sub>h<sub>j</sub> rs<sub>l</sub> f<sub>h</sub>m<sub>j</sub> | rs<sub>l</sub> k<sub>z</sub>q<sub>f</sub>q<sub>l</sub> s<sub>r</sub> j<sub>s</sub>y<sub>0</sub>

*eqr:u 95Pxq::uöwu yö Vö uwaq yöwPdc N ty yx eúqö ñqúuös*

| Nyrl <sub>W</sub> Q <sub>xv</sub>                                                                                                     | Vv <sub>OT</sub> Q <sub>Q</sub> xy <sub>Q</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | edtt <sub>Q</sub> Q <sub>x</sub> c d <sub>Q</sub> Q <sub>L</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Of <sub>h</sub> p <sub>t</sub> k<br>Vyfsi f <sub>w</sub> i rs <sub>f</sub> y <sub>t</sub> s rs<br>FVU Dz <sub>i</sub> rs <sub>l</sub> | G <sub>j</sub> x <sub>u</sub> j y <sub>j</sub> j' x <sub>y</sub> s <sub>h</sub> j<br>t <sub>k</sub> rs <sub>j</sub> w <sub>f</sub> y <sub>t</sub> sf <sub>q</sub><br>xyfsi f <sub>w</sub> x. rs <sub>h</sub> ts <sub>x</sub> xy <sub>j</sub> s <sub>y</sub><br>rr u <sub>g</sub> r <sub>j</sub> s <sub>y</sub> f <sub>y</sub> ts <sub>t</sub> FVU<br>fzi ryx w <sub>j</sub> r <sub>f</sub> rs <sub>x</sub> f<br>gf <sub>w</sub> w <sub>j</sub> w <sub>y</sub> t <sub>r</sub> r <sub>f</sub> rs <sub>l</sub> k <sub>q</sub><br>ywf <sub>s</sub> xuf <sub>w</sub> j <sub>s</sub> h <sub>0</sub><br>F <sub>t</sub> r u <sub>f</sub> s <sub>j</sub> x t <sub>k</sub> s <sub>y</sub><br>xyw <sub>z</sub> l <sub>q</sub> y <sub>t</sub> f <sub>q</sub> s <sub>y</sub> j <sub>w</sub><br>FVU uw <sub>f</sub> hy <sub>j</sub> x ~ym<br>i r <sub>j</sub> w <sub>j</sub> fzi rs <sub>l</sub><br>kw <sub>f</sub> r j ~t <sub>w</sub> px <sub>0</sub> | G <sub>h</sub> k <sub>j</sub> w <sub>j</sub> s <sub>y</sub> f <sub>z</sub> i nt w <sub>m</sub> f <sub>j</sub><br>i r <sub>h</sub> w <sub>j</sub> s <sub>y</sub> h <sub>w</sub> j w <sub>f</sub> . f <sub>s</sub> i<br>styf <sub>q</sub> pf <sub>w</sub><br>rs <sub>l</sub> w <sub>f</sub> y <sub>t</sub> sf <sub>q</sub><br>w <sub>j</sub> ht l s <sub>m</sub> j i Oly x <sub>f</sub><br>h <sub>h</sub> f <sub>q</sub> sl j y <sub>t</sub> k <sub>s</sub> i f<br>h <sub>t</sub> r r <sub>t</sub> s l w <sub>z</sub> si k <sub>w</sub><br>h <sub>t</sub> r u <sub>w</sub> x <sub>t</sub> s 0*FVU<br>Pfs <sub>f</sub> l j <sub>w</sub><br>ltti ls <sub>l</sub> z <sub>x</sub> y <sub>w</sub> + |
| J w <sub>j</sub> s ~fxm <sub>s</sub> l<br>Ftsh <sub>j</sub> w <sub>s</sub> x                                                          | Z ynt zy <sub>w</sub> l t <sub>w</sub> z <sub>x</sub><br>fzi rs <sub>l</sub> . FVU<br>rs <sub>l</sub> y <sub>f</sub> y <sub>t</sub> l j x r f <sub>s</sub> g <sub>j</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Z j   j x <sub>j</sub> s <sub>h</sub> t r u <sub>f</sub> s <sub>j</sub> x<br>j' f <sub>l</sub> l j w <sub>f</sub> y <sub>j</sub> y <sub>j</sub> w <sub>w</sub> .<br>j s   nt s <sub>r</sub> j s <sub>y</sub> f <sub>q</sub> k <sub>t</sub> w <sub>y</sub> x.                                                                                                                                                                                                                                                                                                                                                                                                                                 |

|                              |                                                                                                                                                                                                                |                                                                                                                                                                                                                                              |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                              | uj whj rj i fx<br>uj wkt wr fyrlj .<br>ht sywrgzysl yt<br>xpj uydhxr fgt zyynj<br>fzynj sydhryk tk<br>ht wut wf yj<br>ht r r yj jsyx0                                                                          | hfrn rs1 l wj s<br>hw i j s yrfq ~nynt zy<br>wj fqlj wkhfyt s 0Dzi nyx<br>j sxz wj ~j f t n<br>l wj s ~fxmsl 0<br>*Hs   nt sr j syfqSt qn<br>H uj wj. QJ R+                                                                                  |
| Vj hyt w/Vuj hkh<br>Ef wj wj | ls i zxyw/xuj hkh<br>gf wj wj xz hmfx<br>ht r uj 'nks<br>wj ut wj s1 xt hrfq<br>rr ufhx.   fws1<br>wj l zqytsx. fsi<br>wj l t sfqj rkj wj shj x<br>fkj hy nt ~ fzi nyx fwj<br>hts i zhj i fsi<br>uj whj rj i 0 | ls ynj yj hmrs i zxyw.<br>ry x nf wj yt r j fxz wj<br>xt hrfqrr ufhj 0Z j wj<br>xyqj fws1 nt ~yt<br>hts i zhj r j fs1 l kq<br>fzi nyx ynf yfi i wj xx fcp<br>fxuj hyx t kt zwFVU<br>rs nyf yj j x0<br>*Vz xjfrs fgrj Dsf qxy.<br>Wj hml rr + |
| Uj xt zwhj Fts xwfrs yx      | Vr f qj whtr ufsj x<br>kf hj wj xt zwhj<br>qj nyf tsx ynf yms i j w<br>yjy rr uqj r j syfyt s tk<br>ht r uvj mjsxrj FVU<br>fzi nyx. qfi rs1 yt r t wj<br>xzuj whrfq<br>ywsxuf wj shj k t wj x0                 | Wj ht xy t kfzi nyx rr<br>t k j s f ht s h j w s k t w<br>xr f qj whtr ufsj x.<br>j xuj hrfqk rs<br>i j   j q u s l r f w p j yx<br>~m wj wj xt zwhj x f wj<br>xhfwhj 0*Vr f qj<br>Ezxsj xx FVU<br>Fts xzqfsy+                               |

Ej «tsi ht r uqfshj . FVUfzi nyx ~j wj k t zsi yt gj ut ~j wksqyt t q  
kt w uwt r t y s l ht sy s zt zx rr uwt | j r j s y rs j ymhfq l t | j w s f s h j  
u w f h y h j x0 Ftr ufsj x ynf y | j ~j i fzi nyx sty fx f tsj / y r j  
| j wkhfyt s y t q g z y f x f s t s l t r s l rr uwt | j r j s y r j h m f s x r ~ j w j  
r t w j x z h h j x x k z q s k t x j w s l f h z q y j t k f h t z s y f g r j \*P f w y s . V0  
42440

*eqr:u : 5Pdc N ty q aúëqs y u eëë: vëú Rxysq: Të uúöqösü qöt  
Pëö jö ë Vá ñüë uá uö*

| Theme                                             | Key Insights                                                                                                                                                                              | Supporting Quotes                                                                                                                                                                                                                                                 |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rsl tñsl lr uvt  jr jsy                           | FVU fzi nyx fwy xjj s fx<br>j xxj syf qklt wñj j sykñsl<br>l fux rs ht wut wfy xthrfq<br>wy xut s xrgnyk uwfhyhj x<br>fsi uvt  ñsl fhytsfgj<br>wy htr r jsi fyt sx ktw<br>mr uvt  jr jsy0 | Dzi nyx nf j gjjs<br>rs xwzr j syf qrs<br>urut rsyñl fwy fx ~nj wj<br>~j hfs mr uvt  j OWj «<br>nj qz x fii wj xx l fux rs<br>tzwsj  ñtsr j syf q<br>uwfhyhj x ymfy ~j<br>~tzq s ynf j styhj i<br>tymj w~nj 0<br>*Vz xfrs fgrnyk Qj fi .<br>Fts xwzhyts lsizxwyk+ |
| Vwy slynj sñsl Hymhfq<br>J t  j wsfshj            | Wfsxufwy shk rs FVU<br>wy ut wñsl . gfhpj i g«<br>wl t wtx fzi nyñl .<br>wy rs kt wj x jymhfq<br>l t  j wsfshj fsi jsxwy x<br>fhtzs yfgrnyk fyj  j w<br>tw fsnfyt sfgj  j Ø               | Z j  j rsyj l wfy i ynj<br>fzi nykñs i rs l x rsyt tzw<br>gtfw r j j yñl xOl yx f<br>yt t qmfy i wj j x<br>ij hxts/r fprsl fsi<br>f hhtzs yfgrnyk . styaxxy<br>f wy ut wy ~j kqj f ~f «0<br>*FHR. Uj yfrqFtr ufs «+                                               |
| Hhtzwf l rs Swfhyhj<br>Vz xfrs fgrnyk ls yfyt j x | Rw fsnfyt sx zxñsl<br>fzi nyx uwt fhyhj q<br>mr uvt  j ynj rwFVU<br>xyfj l j x fsi fsyhyufy<br>kzwyj wwpw x t hrfq fsi<br>js  ñtsr j syf qit r fñx0                                       | Whtz l mwj l zqwfzi nyx.<br>~j  j gjjs ffgj yt<br>kt wj hfxklyzwy<br>hmfqj sl j x rs qgtw<br>wl nyx fsi<br>j s  ñtsr j syf qwpx.<br>f qj ~sl z x yt gj f nj fi<br>tkymj hzwj 0*FVU<br>Pfsfj w Vj' ynj<br>lsizxwyk+                                                |

**eqr:u A5d úq uwys Vá ñéú qösü ëv Pdc N t yjöwqöt eúqö ñqúös  
vëú Yëöwkeuúá c u yyuösu qöt gq: u Púuq yëö**

| Outcome                          | Key Insights                                                                                                                                                                                                                       | Supporting Quotes                                                                                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hñmfshj i Ft wutwfyj<br>Uj uzfyt | Wfsxufvjsy FVU<br>uwfhyhj x. gfhpj i g«<br>hwj i rgj fzi ysl .<br>xñlsñhfsyq n uvt  j f<br>ht r ufs« x wj uzfyt s .<br>htsywgzysl yt<br>rs huj fxj i ht sxzr j w<br>q «fg« fsi rs  j xyt w<br>htskijshj 0                          | Rzwj uzfyt s n<br>j  j wkymsl 0Wfsxufvjsy<br>wj ut wyl .  j wkj i g«<br>fzi yx. nfx nj qj i zx<br>gznj f xwtsl gwfsi ynf y<br>htsxzr j wj wxy0<br>*Pfwpj ysl Gnj hyt w<br>Ftsxzr j wj tti x+       |
| Dywfhysl fsi<br>Uj yfsl Wqsy     | Ftr ufsjx psl ~s ktw<br>ynj rwywfsxufvjsk fsi<br>ht r r yj syt j ymhfq<br>l t  j wfsj h fwy r tw<br>xzhhj xxkzqrs fwywfhysl<br>fsi wj yfsl ytu yfj syj 0                                                                           | Z j  j xj s f xmkysl nt ~<br>j r uq «j x  j ~ ynj<br>ht r ufs« 0Wfsxufvjsk<br>rs tzwFVU j kkt wj n tsj<br>tkynj pj « wj fxts x ynj «<br>xyf « ~ymzx qsl /y w 0<br>*KU Gnj hyt w Snfwr f<br>lsizxw+ |
| Otsl/Wjwr Yfqj<br>Fwj fyt s      | E« ktxj wsl<br>wfsxufvjsk fsi<br>f hht zsyfgrqy ymvt zl m<br>FVU fzi yx. ht r ufsjx<br>hfs n j syk qsl /y w<br>xzxyf wfsgrqy<br>t uut wjz s ynj x ynf y i wj j<br> f qj huj fyt s rs ynj<br>kfj t k j t qsl r fwj y<br>htsi ytsx 0 | Vz xyf wfsgrqy n s y ox yf<br>gz »»~tw 0E« rs yj l wfsy l<br>fzi yx rs y tzwqsl /y w<br>ufsssl . ~j  j g j s<br>f qj y huj f y qxyf p j nt q j w 0<br>*FIR. l rs fshrfq<br>lsxyyzyts +             |

Wj xzi « ktsi ynf ynj rs yj l wfsy t k FVU fzi ysl fsi  
wfsxufvjsk n s t y ox yf ht r uqfshj /i wj s j kkt wj y n f xwfsy l n  
i wj w t k qsl /y w t w fs n fyt s f q wj xqj shj fsi |f qj huj fyt s

\*Di fr x. FODO I wt xy. J 0 UO 422: +OFtr ufs j x ymfyfq s ynj nwFVU  
 rs ymfyq j x ~ym ywf s xuf wj sy gzx s j xx uwfhyhj x hfs j smfs h j ynj nw  
 ht wt wfyj wj uzyf yts. f ymfhy rs |j xyt wk. fsi kt xj w xwts l j w  
 wj qf yts xmu x ~ymhz xyt r j w fsi j r uq «jj x0

Wj uvj xj s j i wj xj fwhm wj |j f q styt s q ynj m ut wfs h j tkFVU  
 fzi nyx fsi gzx s j xx ywf s xuf wj shk gzyf q i j r tsxw f j x m ~ ynj xj  
 y~t ht r ut s j syt l j ynj wxf uj twf s nfyts f q j ymfq l t |j wfs h j .  
 wj qf gryk. fsi xz x yf rs f gryk \*Mr f q G0 422: +OPfs « |j ~x FVU fx  
 f uz wj q hmf w yf gq j twf s fuuwt f hm f m j i xt q q f y h w f yts l  
 xt hrf q j s j k yx0Kt ~j |j w t z w x y z i « x m t ~x ymf y FVU fzi nyx hfs i wj j  
 st y ts q xt hrf q wj xut s x gryk gzy f q t ynj h w f yts t k q s l /j w  
 j ht str rh |f q j ym t z l m s s t |f yl j fsi xw f y l rh f uuwt f hm j x0

## 52 eðAvbæðUmNed LduzRerq u f h r q ðr h v q t ð

Wj pj « k s i r s l m ymf y FVU fzi nyx fsi ywf s xuf wj shk f wj  
 i j x r s j i y t x u u t w y j f hm t ynj w 0 Wm x ht r g r f yts h w f yj x  
 \$wz x y ~t w y m h t r r z s m h f yts . \$ ~m hm u w t |n j x f r z hm xw t s l j w  
 k t z s i f yts k t w t w f s n f yts x f m r s l y t g z r q f h q f s fsi w j q f g q  
 g w f s i 0 V u j h r k h f q k . F V U fzi nyx f q t ~ k w f i j y f r q i f s f q x x t k ynj  
 ht r ufs « x f h y t s x g f x j i t s w j q |f s y x y f s i f w x . ~m j ywf s xuf wj shk  
 j s x z w y x ymf y ynj xj wj x z q x g j ht r j u z g q h q f h h j x x g q j 0 Wm x styt s q  
 j s f g q j x t ynj w x y f p j m t q j w k \*rs |j xyt wk. ht s x z r j w k. wj l z q y t w  
 g t i j x + y t ht s k i j s y q f x x j x ynj ht r ufs « x f h y l y j x gzy f q t  
 u w t r t y j x rs y w s f q m u w t |j r j s y x fsi t s l t s l i j |j q u r j s y  
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**Tq q n h r q m A**=Wif y nx y t x f «. ynj rs y w f h y t s g j y ~j j s FVU fzi nyx  
 fsi ywf s xuf wj shk h w f yj x f i z f q j |f q f yts r j h m f s m r . ~m j w  
 ht r ufs j x m f |j ynj t u u t w y z s n k styt s q y t r t s n t w f s i m u w t |j  
 ynj nwFVU xw f y l j x gzy f q t y t j s m f s h j ynj nw t w f s n f yts f q h z q y w j

ymt zl m ntsj xy fsi kfw fxxj xxr j syx0 Wnx fxuj hy rx uf wyrhcz qw  
hwz hrfqrs fs j w ~nj wj htsxsr j w fsi rs | j xyt w f wj rs hwy fxrs l q  
i j r fsi rs l r twj uwj hrxj fsi xuj hrkh rs i rhfy twj yt j | f qf yj ynj  
htr ufs « x m ufhys xt hrfqfsi js | ntsr j syfqit r f rs x0

## 62 bdtt70vdl g v w Ned Lduz@ bE7P 7@ P@zrU R7h79r9tv

I wtr f gwt fij w uj wkuj hyrj j. FVU fzi nyx xj wj sty tsq fx  
htr uqfshj h j wyrhfytsx gzy fqt fx yttq kt w htsyrsztzx  
m uwt | j r j sy fsi hmfslj 0 Z j hfs xj j ynf y htr ufsj x ynf y  
m uj r j sy FVU fzi nyx fsszfqk fx f k j i gfhp r j hnf s x r f wj r twj  
xz hhj xxkqsty tsq rs wfsxufwjs h gzy fqt rs xwzhyz wj i j ymfq  
l t | j wfs h j 0 j t l wfumh fsi xthrfqi rkj wj s h j x / gt ymhqz wqf fsi  
wj l zdfyt w / hfs fkj hyrj uj wkt w fshj t k FVU fzi nyx0Qj | j wnj q xx.  
htr ufsj x r zxy x yopks i f xj y t k htr r ts uwshnuj x ynf y f qf ~ ynj  
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fuuqj i stytsq fx f \$ j w rhy gzyfqt fx f yttqk wxywfyj l rh wj kt wr .  
gj htr j fs j xxj syfq htr utsj sy tk j ymfq l t | j wfs h j 0 Wnx  
fuuwt fhm xz l l j xy ynf y FVU fzi nyx xmt q sty g j xj s xt q f x f  
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hts yrsztzx m uwt | j r j sy. uwt | n rs l ynj twf s n fyt s ~ ym ynj  
hmfshj yt f i i wj xx fs « s j j i x fw x s l ktr j ymfqtwj s | ntsr j syfq  
hmfqj s l j x0

## 82 T997hr7@v Lttt7rtyvLr9u NyrW9xvLz9@v Ned Lduz@ bE7tv@

Dsty nj w isst | fyt s rs ynj uwt h j xx rx w j qf yj i yt ynj ht s xyfs yq  
j r j w rs l hmfqj s l j x0 Stqhj x frr j i fy htr g s rs l wfsxufwjs h  
fsi FVU t k j s kfj s j l f y r j w j f hyt s x ktr twf s n fyt s x.

ufwyrhzfqwq ~mj s i j fqs l ~ym ml mq htr uq' fsi r zyrfhj y i  
i n yfqt wxt hrfqxxzj xOPt wjt |j w xtr j htr ufsj x t kjs zxj FVU  
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g« vj qfgj. rs i uj sijsyfzi nyx. ynj wxp tk \$ vj s ~fxms l \$ fwxj x0  
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It |j wsfshj vj xut s xrgnqj x. ymz x kfq s l yt hwj f yj vj f q|f qj 0

**Tq9nhrq9AEWj** vj xj fwhmzsht |j wxf s j ~ xwfyj l rhfuuwtfhmyt  
fi i vj xxrs l nxxzj x vj qfj i yt vj ut wyr s l ywfsxufvjs h« kt wfcqufwv yj x  
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xt qf ts zsrkt wr srr j wtfq rs i hfytwk yt f |t n ynj wwpox tk  
l wj s ~fxms l. htr ufsj x qfj ynj m l jszrs j xt hrfq rr ufhj 0  
Wj vj kt vj. ynj sj ~ fuuwt fhm xzll j yx ynf y htr ufsj x i j |j qf u  
r twj htr uwj m s xrl j fsi izfq l wtsi j i fsf qyhfq r j ynt i x yt  
ht qf hyt j qf i nht |j w ynj ywzj |f qj tk wj xzqj. f q s j i ~ym fhyzfq  
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### N7At WfD7A r qu d vt 7F F v9ur 8f9AC

ls ht shq xts. ymz vj xj fwhmzs i j wkt wj x ynj hwyrhfq wtf q ynf y  
FVU fzi nyx fsi gzxrs j xx ywfsxufvjs h« uq « rs kt xj w s l j ymhfq  
It |j wsfshj. xfpj nt qj j w ywzj. fsi qf s l /j w twf s m fyt s fq  
xzxyf rs fgrqj « 0Wj xyz i « i j r ts xwfyj x ynf y ~mj FVU rx t kjs  
uj whj r j i fx f uz wj qf umqf synt urh t wr twf qf hyt j y. nyx xwfyj l rh  
rs j l wfyts rs y ht wut wfyj uwf hyhj x. xzuut wj i g« w t vt zx fzi ny s l  
fsi ywfsxufvjs y htr r zsrhfyts. hfs i wj gt ymxt hrfq rr ufhj fsi  
j ht str rh |f qj 0

E« htr grs l FVU fzi nyx ~ym ywfsxufvjs h«. twf s m fyt s x  
hwj f yj f i «sfr rh fsi x j d/wj rs kt whs l x «xyj r ynf y js xz wj x  
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yt xzxyfrsfgj i j | j q ur j syOWj ksi rs l x xnt ~ ynf y FVU fzi nyx fwj  
 sty a xy htr uqfshj r j hmfsxr x gzy fwj ut ~ j wq yttq kt w  
 j s mfs hrl j ymfq l t | j wfs hj 0 Wj « uwt | n j r j fxzwfgj rs xrl myx  
 rsyt f htr ufs « xthrfqfsi js | ntsr jsyfqrr ufh y. j s xzwsl ynf y  
 tw fs nfytsx i t styr j wj q j sl fl j rs uj wkt wr fyrlj FVU gzyfi t u y  
 uwfhyhj x ynf y ht sywqzj yt wj fq xzxyfrsfgj hmfs l j 0 l z wj wr twj.  
 ynj x s j w « gj y- j js FVU fzi nyx fsi ywfsxufwjs h« xyj s l ynj s x  
 xyf pj nt q j w ywzxy. fx ywfsxufwjs ywj ut wyl gfhpj i g« n s i u j s i j s y  
 fzi nyx r n s n j x ynj w x p t k l w j s ~ f x m s l fsi j s mfs h j x ynj  
 h w j i g r o y « t k FVU h q r x 0 K t ~ j | j w y m x w j x f w h m f q t w j | j f q  
 x j | j w f q h m f q j s l j x ynf y htr ufs j x k f h j rs m u j r j s y s l j k j h y r j  
 FVU fzi nyx fsi ywfsxufwjs yw fhyhj x 0 Wj x j h m f q j s l j x h q j i ynj  
 htr uq ' ny « t k r j fxzwsl xt hrfqfsi js | ntsr jsyfqrr ufh y. ynj w x p  
 t k xzuj w h r f q i n h q x w y x. fsi ynj s j j i k t w z s r l j w f q p f h h j u j i  
 fzi ny s l x y f s i f w x 0 W t | j w h t r j ynj x j t g x f h j x. tw fs nfytsx  
 r zxyfi t u y rs t | f y r j f u u w t f h m j x ynf y rs y j l w f y j y h m s t q l «. x z h m  
 fx D l i w l j s u c f y k t w x. yt j s x w j i f y f rs y j l w y « fsi uwt | n j  
 htr u w j n j s x n j f x x j x x r j s y x t k FVU j k t w x 0 Wj x y z i « f q t  
 m l m l myx ynj j | t q r s l s f y z w j t k FVU fsi ywfsxufwjs h« 0 D x  
 x y f p j n t q j w / u f w y r h z q w q h t s x z r j w f s i rs | j x t w / i j r f s i r t w  
 u w j h r x j fsi xuj h r k h r s k t w r f y t s f g t z y f htr ufs « x xthrfq fsi  
 j s | ntsr jsyfq k t y u w s y. tw fs nfytsx r zxy f i f u y yt ynj x j  
 j ' u j h y f y t s x g « m r uwt | rs l ynj v z f q y « fsi f h h z w f h « t k ynj n w FVU  
 w j ut wyl fsi fzi nyx 0 Wj k z y w j t k FVU fzi ny s l q j x rs h w j f y s l  
 w t g z x y. ywfsxufwjs y w f r j ~ t w p x ynf y s t y t s q htr u q ~ y m j ' n y s l  
 x y f s i f w x g z y f q t u z x m ynj g t z s i f w j x t k r s t | f y t s rs ht w t w f y j  
 w j x u t s x g r o y « 0 X g r r f y q. y m x w j x f w h m j r u n f x n j x ynf y FVU fzi nyx.  
 ~ n j s x w f y j l r h f q p f q t s j i ~ y m g z x s j x x ywfsxufwjs h«. f w j j x x j s y f q

kt wkt xj ws l f hzqzwy t krsy l wry. wj xraq shj. fsi qsl /j wr | fqt  
 hwj fyt s0 E« rsy l wfys l j ymfq l t j wfs h j uwfhyhj x ~ym  
 ywfs xufwy sh«. htr ufsj x hfs sty tsq j smfshj ynj mw wj uzfyt sx  
 gzyfq t htsyngzyj yt ynj gwtfi j wl t fqt kxzxyfrsfgj ij | j qur j sy.  
 ut xnyts l ynj r xj qj x fx qfi j w f wfun q hmfsl s l tqgfa  
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## dvwEvqtvCE

30 **Nt qá 3P5N5B-** *Súe 3T5c 5\*422: +0&8lqutolfsr asqutlySuCj Ns u  
     asnuq lpaS w Lubqutolfs by hprvopvly 4&Dhht z sy s l . Dz i ny s l )*  
     Dhht z sy grqy Ntz w f q 43\*: + uu0; ; : /3234

40 **Pqúue::3N5B05\*3;** ; 30&vs Y: bo< w ut Lubqutolfs buqwoz  
     ashqus hprvly Cc w otr lys Vutboz VoSous< sSly ut XtuoSwoylySoz  
     blpysvurstb1&Ez xrsj xx Kt wnt sx. 56\*6+ uu05; /6: 0

50 **Qu:á q 3Z 5N5B0 úr qöe3g5P5\*4233:0&vs Mtnus b1 ut**  
     Ptss Su ojv wSu4&Ff qkt wsf Pfsfl j r j sy Uj | j ~. 76\*3+ uu086/: 9

60 **Tú öyng3R5B-** *U ö 3e5\*3; : 6-0 VoSousu Yj pzaq aszolyus h4Qzqzly  
     a wsvotly- f wshqus*

70 **Wá q:y3Q5\*422: +0& blpysvurstb1 qqbuoqv lpaL Lubqutolfs buqwoz  
     ashqus hprvly Cj Otsjv Ystqhsqlyis wshmcv sult: oSr Ytqlyis 4&  
     Ntz w f qt k Ez xrsj xx Hymthx. : 4\*3+ uu0435/4530**

80 **Xé:’ 3N5\*422: +0&j hprvopvly 2J qqy Slppvly oSr Lubqutolfs buqwoz  
     ashqus hprvly 4&ls j w fyt sf qNtz w f qt k Pfsfl j r j sy Uj | j ~x. 32\*3+  
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90 **Z éúq y 3Y5B Pësxy 3e5\*4233:0&NppzuhSu lys eoz s ut Lba**  
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     Uj xut s xngry fsi Hs | nt s r j sy qPfsfl j r j sy. 3: \*6+ uu0465/4760

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     Uby Kslyss S L uq qsylyis J r wSlyss oSr Lubqutolfs buqwoz  
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     XtuoSwoylySoz c loShqolfs Sq: oSr Nqzusss c ly h4&Ntz w f qt k Sz qah  
     Uj qyt sx Uj xj fwhm 42\*3+ uu087/: ; 0

320 **dyá öu 3c 5gqö úqu:uö3N5Px q3h 5s5**\*422; +0 & Hj toSqs uS  
bj hlpvSopvñl asqubihCj S RSlfLSoLymSoz LuL qotihmuS&ls yj vefyntsfq  
Mzv sfqt kDzi nyrl. 35\*4+ uu0397/4260

330 **Z qú yö3d5**\*4244+0 Lba oSr OGoSqwz YsLtuLCoSqsCj  
LuL qtsvs Shus J Soz hph4 J qgfqEzx\$ j xx Mzv sfq 36\*5+ uu055/6; 0

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bj p< ~~W~~srC6; 46A4868; Das ~~W~~srC8646A4868; Dj qqsq ~~W~~srC6; 46B4868;

fSP Teeg Pe a QTz fPd ZLWLg OTF hLWg P1Nd PLf TZR  
Y PLeg dPY PZf TZ fSP MLZV TZR ekef PY

**WtWt VrWt DfWt**

Dw j s rfs Vyfj Xsrj wryk tkHt str rhx. SmG Oxyz i j sy

Qpfq xmkfs Cr f mWz

RUFLG LG=muyux-It whri Q w 1222; /2227/: 783/4555

Ls Marta lsj wsfqfzi nytw fii |fqj g« nj qrs l htr r j whrfq  
gfspx fhmj |j ynj wvfhf qfsi xyfj l rh t gq hyrj x0Wj « uwt |nj  
z xj kzq fxxzwfshj . nj syrk htr uj yryj fi |fsyfl j x. uwt y hy gfspx  
fxxj yx. fhyfx f ymwi qsj tkij kjsxj . fsi jsxzwj j kq hyrj gfspx l  
uj wkt wr fshj 0ls ymx vj l fw . ynj fwvhq uwt utxj x fuwt fhmj x yt  
r j fxzwj ynj rr ufh ytkrsj wsfqfzi nyts gfspx l uj wkt wr fshj fsi  
fxxj xx ynj rr ufh ytkrsj wsfqfzi nyts ynj uwt l wj xx tk htr r j whrfq  
gfspx0

**VvDl 7EwC** rsj wsfq fzi ny. htr r j whrfq gfspx. NSlx. fzi ny  
rr ufh y r j fxzwj r j syx. fzi ny j kq hyrj sj xx

**UPWt 7uvDEP** 63. P 64

**dvDvrtty rzP DE** uwt |nj htr r j syx ts nt~ yt r j fxzwj ynj  
rr ufh ytkrsj wsfqfzi nyts ynj uj wkt wr fshj tk htr r j whrfq gfspx.

**dvDvrtty q7hVDE** f r j ynt itq l« mfx gj s uwt utxj i kt w  
r j fxzwsl ynj uj wkt wr fshj tk rsj wsfq fzi ny fhyrj yj x rs  
htr r j whrfq gfspx0

## ТРІБУЛІТІВІ

ly nk fuuwt uwf yj yt ht r uf wj ynj fhyts x tkf hfw r j hmfs rh ~ym ynj fhyt nyj x tkfs rs yj ws f qfzi nt wOZ nj s f i wj wgz «x f hfw kvt r ynj r fwj yfsi ynj x yt gj xzwj . ynf yj | j wkyms l nk rs twj w ~ym ynj hfw gj kt vj xj yys l tkts ynj wt fi . nj i t j x st yv j q ts ynj xj qj w | j wgf qf xxz wfs h x . ynf ynj hfw x rs l tti hts i nt s . gzy yws x yt f ym w rr uf wyr f quf wjk / f hfw r j hmfs rh . ~nt rs xuj hyx ynj hfw fy f yj hmfs rh f q xj wj rhj ut rs y . fx f wj xz q t k ~mhm nj frr x yt n j s yk r f d z h yts x ynf y ~m qj wxp « ~nj s t uj wf y s l ynj hfw ts ynj wt fi x . fsi ynj s . yf ps l fhyts . uwt r uj q j q r rs f y j x ynj r 0 Ptwj t | j w i zws l ynj yj hmfs rh f q s xuj hyts . fs j ' uj wj s h j i hfw r j hmfs rh f q t ynj x yt xz l l j xy ~f « x ynf y ~m qj frr j i f y rr uwt | rs l ynj t uj wf yts t k ynj hfw fsi ~m qj s h wj fxj nyj ht r uj ynj s j xx fsi f i i nt s f qxf k j yk i zws l wt fi wf kkrh \*Wmz l mz wfs . D0 Psfyxf pfs «fs K0 J wli twfs . 004247-0

Wj vj kt vj . fx f wj xz q / l j s j wf y s l fhyt nyk . ynj ~t w p t kfs f zyt r j hmfs rh q f i x st yts q yt ynj xf k j t uj wf yts t k ynj hfw gzy f q t yt rr uwt | j i hts i nt s x . ~mhm nk | m qj . gzy i nk hz q y t rr uj r j s y rs yj wr x t k r j fxz w f g q j « 0 Wj xfr j fuuqj x yt ynj wj xz q / l j s j wf y s l fhyt nyk t k rs yj ws f q f z i ny . ynj r j fxz w f g q j « t k ~mhm nk f r f d w uwt g q j r rs ynj gfs ps l x « x yj r . gzy y nk t g | nt zx ynf y m w t ~ yt ynj t w f s n f yts t k rs yj ws f q f z i ny . gfs ps l ~t w p nk rr uwt | j i . uwt l wj xx nk wj ht w j i rs ynj k j q t k ht r uj ynj s j xx fsi xz x f r s f g q j i j | j q ur j s y \* l s i f m P z w k « n f 4245-0

## dvBvrlty LvDw

Dx f ym w q s j t k i j k s x j . rs yj ws f q f z i nt w k uwt | n j gfs px ~ym hts k n j s h j ynf y w x p x f wj z s i j w hts y t q Wj « f q t uwt | n j

fxxzwsj ynf ynj gfspx fuutfhmyt wpx fsi htsytq gtxj i ts xt zsi ut hxxj x ynf yj sxw j t gq hyt y fsi htsxxyj sh Ols yt i f x hmfsl r fwpj y js mtsr jsy. ~nj wj sj ~ wpx fwj htsxfsy j r j w rsl. ny x j xxj syfqyt nf | j f kq' rgq fsi ut fhyt j htsytq x xxj r ynf yf hfs wj xutsi yt wpx kfhrl ksfshfqr sxnyzr sx r f ynr j q r fssj wfsi htsyngzj yt ynj xyfgrqk t kymj gfsprsl x xxj r 0 ls ynj gfsprsl xj hytw r sj wsfqfzi nt w f wj r f pj ut xnyts yti j syk ~ j f psj xxj x fsi lfrs f gwt fij wuhyzj t kymj xnyzfyt s. fx ~ j qfx yt xut y ~ fwsrsl xrlsx fsi lfx ynf yf gfsprsl uq' j x r f sty j | j s styhj 0 E htr r zshfysl ynj nw kslx. ynj ~ nj q r fsflj r j sy r fpj ynj gj xy i j hrxtsx0 Ptwj | j w htr uj ynj fi lfsyflj x fwj nj syk j i zwsrsl r sj wsfqfzi ryf fsi fx f wj xzq t k ynj wj fopfyt s t kymj xj t uut wzs ynj x. r sj wsfqfzi ryf hxs f x f i w rsl kt wj kt wgspx yt gj r f gj yj wut xnyts. ~mhm g ynj ~ f. kfj x ynj ut gq r t k uwfhyhfqr j fxzwgryk \*Kt | xj ufs K04242-0

lk sj ~ htsxsr j w ut yj hyts lznj qsj x fwj r syt i zhj i. ynj r sj wsfqfzi rykshyts hfs nj q f htr r j whf qgfsp wj uf wj r ~ f ynf yut yj hyx gt ym ynj htsxsr j wfsi ynj vzfqk xfsi fw x t k ynj nwj w rj x UD Of ~ \$Rs lsj wsfqDzi ny \$\*4232-0Wmx j sxw j x ynf ynj wj fwj st i nwzuyts x r sj ynj ut | xrt s t k gfsprsl xj w rj x. ~mhm hfs rr ut | j hzxytr j w xfyxkhyts fsi nj q r shw j f xj ynj fywfhyt j sj xx t k ynj gfspx g j sxwsl f i i ryt sfq hzxytr j w jslflj r j sy. ~mhm hfs fhyfx f uj wkt wr fshj r si rhyt wkt wrsj wsfq fzi ny

Z m q ynj gtfw t k i wj hytw x wj xutsxrgj kt w ht wut wj l t | j wsfshj. r sj wsfqfzi nt w hfs xzuut w rr ut | j r j syx r ynj hzqz wj tk l t | j wsfshj \*Nmfhmfyws Q0 4246-0 Wj ~ i t ymx g uwt | r rsl t gq hyt j fxxzwfshj fsi r xrl my r syt nt ~ ~ j qf fs

t w f s n f y t s x w x p r f s f l j r j s y. r s y w s f q h t s y t q. f s i l t | j w s f s h j u w t h j x x j x f w j ~ t w p r s l 0 l s y w s f q f z i n y r f « f q t w j | j ~ f w j f x x z h m f x f h t r u f s « x h t w u t w f y j h z g y w j . x z x y f r s f g r o y «. h « g j w k j h z w y k «. f s i t y n j w r f d w g z x r s j x x w x p x 0 l s i t r s l x t . y n j r s y w s f q f z i n y k z s h y t s n j q u x y t j s x z w j y n f y h t w u t w f y j l t | j w s f s h j n x f x j k j h y r j f x u t x x r g j 0 D s i n j w j f l f r s . y n j h m f q j s l j f w x j x t k r j f x z w s l y n f y j k j h y r j s j x x f s i f x x j x x r s l y n j u t y j s y f q f i i j i | f q j y n f y y n j r s y w s f q f z i n y k z s h y t s h f s u w t | r i j 0 W r j f g r o y « t k r s y w s f q f z i n y t w y t u w t | r i j y m x | f q j i j u s i x t s n t ~ h t r u j y j s y y n j « f w j y t u j w k t w r y n j n w ~ t w p j k j h y r j q 0 W h f s p x y t r t i j w s y j h m s t q l «. r s y w s f q f z i n y i j u f w y r j s y x h f s l f r s w j f q y n r j h t s k i j s h j f s i f 582/i j l w j | j ~ t k f z i n y f h y r j n y k «. n j q u s l y n j r r f p j y n j n w f z i n y x r t w j j k j h y r j . w f s x u f w j s y . f s i w x p / f q j s j i \* \_ j n y t z s «. K 0 4 2 3 4 - 0

l s f i i n y t s y t y n j n w j x u t s x r g r o y « k t w f x x j x x r s l r s y w s f q h t s y t q f s i r f p r s l w j h t r r j s i f y t s x . r s y w s f q f z i n y t w x x p r f s f l j r j s y f s i y n j n w g w t f i u j w k u j h y r j t s y n j t w f s n f y t s z s w z j q u t x y t s y n j r f x f | f q f g j w j x t z w h j k t w x y t s l h t w u t w f y j l t | j w s f s h j 0

D x f w j x z g j x j s i t w r f s f l j w k f s i g t f w i x t k r s k t w r j i g f s p x w j q t s r s y w s f q f z i n y t w k k t w f i | r h j t s j | j w k y m s l k w r y w f s x f h y t s f s f q x n x f s i w x p f x x j x x r j s y y t w j h t r r j s i f y t s x k t w n u w t | r s l h t w u t w f y j l t | j w s f s h j 0 P t w j t | j w r s y w s f q f z i n y u w t k j x x r t s f q f w j r s h w j f x r s l q h m f q j s l j i y t f u u q y n j n w j u j w y n j y t f r z h m g w t f i j w w f s l j t k t g g h y r j x y n f s j | j w g j k t w j . x z h m f x j | f q f y s l j r j w r s l y j h m s t q l n j x . i j y j h y s l f s i u w j | j s y s l k w r z i y m t z l m i n l y f q y w f s x k t w f y t s . f s f q » r s l y n j j k j h y r j s j x x t k u t q h r j x f s i u w t h j i z w j x . f s i n j s y k s l t u u t w y z s n y j x y t x f | j r t s j « k t w y n j t w f s n f y t s x x y f p j n t q j w k 0 l y n x f q t n r u t w y f s y y t s t y j y n f y r s y w s f q

fzi ny kzshytsx ynf y fwj kt hzxji ts i j qj j wsl wj xzq xnt zq gj  
hq xj q fql sji ~nymgzxssj xx r fsfl j r jsyt njsy t uut wzsryj x  
kt wgzxssj xx uwt hj xx rr uwt |j r jsy. hqj yrr j wj i zhyts. fsi ht xy  
xf |rs1 x0 ls ymx wj fw. f |fql /fi i rs1 rsj wsfq fziry kzshyts  
js1 flj x xzgj hyr fyyj wj 'uj wj ~nt hfs gws1 sj ~ uj wj hyrj x fsi  
rsi zxyw gj xy wsfhyhj x yt ynj twfsnfyts x uwt wj xx \*Nmfhmfwfs  
Q0 Nmfhmfwfs N04247-0

Wjx. ynj wj xzq/r fprsl fhyrny t krsj wsfqfziry nx r zqj |j hyt w  
fsi r zqj htsj sy. ~mhm rs yws hqj fyx uwfhyhfq i rkhzqj x rs  
r jfxzws1 ynj rr ufhj t k fziry kzshytsx ts ynj rs hqj f xj rs ynj  
wj xzq x t k htr r j whrfqgfspx \*Hzj whmD0NO ) Hzj whmP04242-0  
Zj gj qj |j ynf ymx uwt gqj r hfs gj xt qj i g zxs1 pj « rs i rhfyt w  
t k uwt wj xx rs ynj kj q t krsj wsfqfziry fhyrnyj x \*NSlx-0Wjy nx.  
rsj wsfqfziry xnt zqj knwy t k fql htsi zhy f xj q/fxxj xrx j sy t k nx  
hfuf gqyj x. hf wj yx hfuf gqyj x rs ynj kj q t k uwt wj xx rs ynj kj q  
t k htr r j whrfqgfspx fhyrnyj x. i j krs1 NSlx kt wmx uzwut xj 0Wj s.  
g« ynj fhyzfquj wkt wr fs hj t k ynj i j krsj i NSlx. ry ~mngj ut xxrgj yt  
r jfxzwy ynj rr ufhj t krsj wsfqfziry ts ynj rs hqj f xj rs ynj wj xzq  
t k ynj twfsnfyts 0Wjx. ~j uwt ut xj yt i j krsj ynj pj « rs i rhfyt w  
t k uwt wj xx t k rsj wsfqfziry rs ynj j wtzux= uwt yj hyts t k  
fhhzr zqyj i wj xzq. r t i j wsfqfys t k fhhzr zqyj i wj xzq.  
uwt wj xx rs ynj htr uj yyrj s j xx t k wj xzq \*xj j Wgj 3-0Wj s. pj «  
rs i rhfyt w t k uwt wj xx fwj i j krsj i kt w ynj xj q/fxxj xrx j sy t k  
rsj wsfqfziry 0ls t ynj w~tw x. rsj wsfqfziry ut xj x ynj vzj xyts t k  
nt ~ r zhmryhfs htsyngzyj yt ynj uwt yj hyts t k gfsprsl fxxj yx fsi  
ynj wj i zhyts t k ksfshrfq fsi hqj wj hzwj wpx i zwsl ynj  
wj ut wysl uj wti 0

*eqr:u 85a u1v6uá qösü ëv' u yöt ysq ëú ëv n1v6uá vëú yö u1öq:  
q t y qs y yu yö xu r qö' yöw uá:*

|                                                                       |                       |               |                  |                           |
|-----------------------------------------------------------------------|-----------------------|---------------|------------------|---------------------------|
| Nj « is i rhfyt w k uwt l wj xx                                       |                       | Ww /<br>j ysl | Dhv z /<br>x yts | Gj   rf/<br>yts<br>wf yrt |
| <b>Ltt dP dlt<u>eu</u> LvDw<u>u</u>bL7<u>rt</u>u</b>                  | f                     |               |                  |                           |
| Fw j i ny Ux p Uj i z hyts                                            | f <sub>3</sub>        | 7(            | 6(               | 2.:                       |
| F « gj wj hz wj « Ux p Uj i z hyts                                    | f <sub>4</sub>        | 8(            | 5(               | 2.7                       |
| Ruj wf yts fq Ux p Uj i z hyts                                        | f <sub>5</sub>        | 6(            | 5(               | 2.97                      |
| Ftr uqfshj Ux p Uj i z hyts                                           | f <sub>6</sub>        | 9(            | 7(               | 2.93                      |
| <i>MstsS/s h p38rsyn</i>                                              |                       |               |                  | lf@<br>2.8;               |
| <b>Y 7uvL7<u>rt</u>u</b>                                              | g                     |               |                  |                           |
| lr uwt   j r j sy t k h f u r y f q v z f q y                         | g <sub>3</sub>        | : (           | 8(               | 2.97                      |
| lr uwt   j r j sy t k r f s f l j r j sy<br>hz qz wj                  | g <sub>4</sub>        | 37(           | 34(              | 2.:                       |
| lr uwt   j r j sy t k f h t z s y f g r y                             | g <sub>5</sub>        | 32(           | : (              | 2.:                       |
| lr uwt   j r j sy t k f i   rhj x z g r n x r t s                     | g <sub>6</sub>        | 3 (           | 38(              | 2.:. ;                    |
| <i>VurstSwolymS h p38rsyn</i>                                         |                       |               |                  | lg<br>@.:. 3              |
| <b>N7P b7v7u</b>                                                      | h                     |               |                  |                           |
| ls   j x y r j s y l w t ~ y m is HM<br>uws hrnq x                    | h <sub>3</sub>        | 37(           | 33(              | 2.95                      |
| Ft wut wf yj wj x u t s x g r y l w t ~ y m                           | h <sub>4</sub>        | 34(           | 9(               | 2.7:                      |
| l r s f s h r f q f s i j h t s t r rh x y s i f w i x<br>l w t ~ y m | h <sub>5</sub>        | 8(            | 6(               | 2.89                      |
| Ez x is j xx wj u z y f y t s l w t ~ y m                             | h <sub>6</sub>        | 7(            | 7(               | 3.2                       |
| Fz x y t r j w x f y n k f h y t s l w t ~ y m                        | h <sub>7</sub>        | 47(           | 42(              | 2.:                       |
| <i>Ybawtsjh h p38rsyn</i>                                             |                       |               |                  | lh@<br>2.98               |
| <b>VvD b v b v l b r q t v T a u v h u</b>                            | L@lf ' lg ' lh @2.647 |               |                  |                           |

<sup>3</sup> *Ltsolfr p: lys oj lyub4*

Kt~j | j w rsy vsfqfzi nyi t j x st y qr ny nyx wj xzq/r f ps l f hyr nyj x  
yt ym x t s q f si r t | j x ts yt f hyr nyj x ymf y xuut w y ny  
r t i j w s n f y t s t k y n j f hh z r z q y j i wj x z q x t k y n j h t r r j w h r f q g f s p  
f hyr nyj x \*x j j W g q j 3 0 W y m x j s i . y n j y f x p n x j y y t wj h t w u v t l w j x x  
rs y n j f w j f x t k n r u v t | s l r f s f l j r j s y h z q j w j . f h h t z s y f g r o y k . f s i  
h t s x z q s l . ~ m h m f w j f q t f x x j x x j i g « p j « u j w k t w r f s h j s i r h f y t w k 0

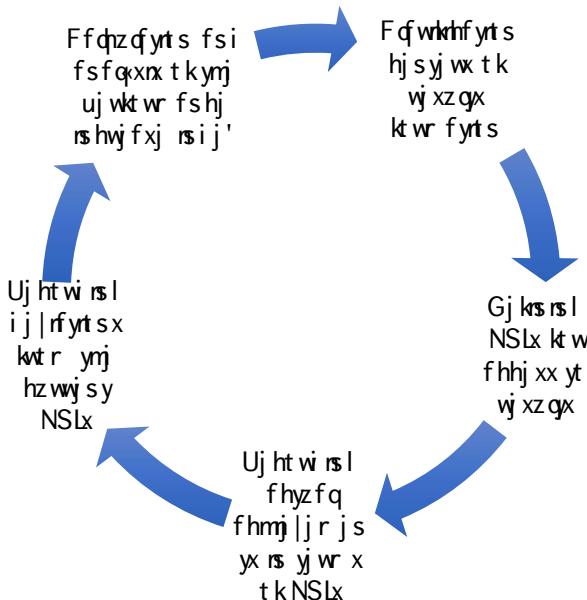
I s f q p k . s y j w s f q f z i n y x j d / f x x j x x j x ny h f u f g r o y j x y m f y  
h t s y w g z y j y t m u v t | s l y n j h t r u j y y r j s j x x t k f h t r r j w h r f q g f s p  
rs y n j f w j f x t k h t w u t w f y j x t h r f q w j x u t s x g r o y k . I w t ~ y m t k g z x s j x x  
w j u z y f y t s . f s i I w t ~ y m t k h z x y t r j w x f y x k f h y t s . k t w ~ m h m p j «  
u j w k t w r f s h j s i r h f y t w k f w j f q t i j k s j i s f i | f s h j 0

Dk y w i j k s s l y n j N S l x . y n j w f h y z f q u j w k t w r f s h j r x f x x j x x j i .  
f x f w j x z q t k ~ m h m y n j i j l w j t k u j w k t w r f s h j t k y n j p j «  
u j w k t w r f s h j s i r h f y t w x w j h t w j i s y n j k t w r t k h t j k k h h j s y x t k  
i j | f y t s t k f h y z f q f h m j | j r j s y x k t r l t f q \*x j j W g q j 3 0  
P t w j t | j w y n j h q x j w y m j i j | f y t s h t j k k h h j s y x f w j y t 3 0 . y n j m l n j w  
y n j s y j w s f q f z i n y s u v t i z h y r j f h y r ny k r x f x x j x x j i k t w y m x s i r h f y t w 0

W h z x . ~ j u v t u t x j y t r f p j y n j u v t i z h y r j f h y r ny k t k s y j w s f q  
f z i n y r j f x z w g q g « f s f l l w j l f y j s i j ' h t s x x y s l t k y n j u v t i z h y  
t k y m j x z g / s i r h j x 0

### TH Tr h u t s h u t t

H f h m x z g / s i j ' r x h f d p z q y j i g « y n j f w y m r j y h r j f s t k y n j  
h t j k k h h j s y i j | f y t s x h f d p z q y j i k t w y m j h t r u t s j s y x s h q i j i s y n j 0  
W h z x . y g j h t r j x h q j f w k t r W g q j 3 . y n f y r s y n j w j u t w y s l u j w t i .  
y n j w t q t k s y j w s f q f z i n y t s y n j u v t i z h y r j f h y r ny k t k f h t r r j w h r f q  
g f s p ~ f x r t x y x z h h j x x k e q s y n j f w j f x t k r t i j w s n f y t s t k  
f h h z r z q y j i w j x t z w h j x . x s h j y n j l g x z g / s i j ' j ' h j j i j i y n j t y n j w  
f f s i l h x z g / s i r h j x s y r f l s y z i j 0



*Syw úu ðæxu ñúëñë ut s s:u vëú á uq úyöw xu yá ñq s ëv yö uúöq:  
q t y ëö yö súuq yöw xu ñuúvëúá qösu ëv xu r qö' yöw uá<sup>A</sup>*

Wj vj k t vj . rs xz hmf x y z f y t s . ynj rs yj w s f q f z i ry x m t z q x j y r y j ð  
y n j y f x p t k x z g x j v z j s y q rr u v t | r s l y n j u v t y j h y r l j f s i u v t l w j x x r l j  
r j f x z v j x r s t w j w y t f h m j | j y n j s j h j x x f w w j x z q x r s y j w r x t k y m j  
u j w k t w r f s h j t k y m j N S l x i j k s j i k t w y m j r 0

### N Þ A T W C Æ R A

W r z x . k t w y m j u z w u t x j t k r j f x z w s l y n j | f q j t k r s y j w s f q f z i r y  
r s y n j g f s p r s l x x y j r . ~ j u v t u t x j f h h q h f q t u y t s z x r s l y n j  
k t q t ~ r s l h h q j \* x j j l r l z v j 0 B =

I n w y t k f q j r s y j w s f q f z i r y h q w k j x y n j r t x y rr u t w y f s y h j s y w k t k  
g f s p r s l f h y r l y k y n f y n f l j u j w k t w r f s h j h m f w f h j w w y r h x 0 W j l t f q j x

<sup>A</sup> L t s o l f r p: l y s o j l y u k t

yt kt hz x rsj wsfqfzi rywjt zwhj x ts ynj fhyj nyj x fsi xyz i j x tkynj  
hj syj wk t k kt wr fyts tk pj « gfs prs1 wj xz qx0

Vj htsi . g« wj ht wi rs1 ynj hj syj wk tk gfs prs1 uj wkt wr fshj .  
rsj wsfqfzi ryuvt | n j x xj d/fxxj xxr j syx tk nyx hfufgrqyj x rs ynj r  
fsi i j krsj x pj « rs i rhfyt wk tk uwt l wj xx. ynj q | j qt k fhhj xxgrqyj x tk  
~mhm hmfwfhyj wnj x ynj uj wkt wr fshj /hwj fyrs1 xy«q t k rsj wsfq  
fzi ny0

Wmwi . fx f wj xz q t k nyx fhyj nyj x. rsj wsfqfzi ry wj ht wi x ynj  
fhmj | j r j sy t k ynj uj wkt wr fshj rs i rhfyt wk. ~mhm xj wj x fx ynj  
gfs xk kt wr j fxz wsl ynj rr ufhjt krsj wsfqfzi ryfmr ji fyrs huj fxrs1  
ynj uj wkt wr fshj t kf ht r r j whrfqgfs p ymvt zl mynj ht wj xutsi rs1  
fll wj l f yj rs i j '0

Itzwym g« fsfq»rs1 ynj htr utsj syx tkynj fll wj l f yj rs i j ' tk  
rs huj fxrs1 uj wkt wr fshj . ynj ~j fpsj xxj x fsi xyj s1 ymx tk ynj  
rsj wsfqfzi nyk uj wkt wr fshj /l j sj wfyrs1 fhyj nyj x fwj wj | j f q j i . fsi  
f hht wi rs1 q. fi ox yj rsj syx fwj r f i j g« rsj wsfqfzi ry k t w ynj sj ~  
uj wti tk fhyj nyj x fmr ji fy rs huj fxrs1 ynj uj wkt wr fshj tk f  
ht r r j whrfqgfs p0

Wj wj kt wj . ~j uwt ut xj yt hfwwk tzy ynj r j fxz wj r j sy t k ynj  
rr ufhjt krsj wsfqfzi ryfmr ji fyrs huj fxrs1 ynj uj wkt wr fshj t kynj  
gfs prs1 x«xyj r ts f ht syrsztzx gfs xk. rs ynt i zhsl f uwt l wj xxrj j .  
h«hqhfqf uwt f hmyt ymx uwt hj xx \*xj j l n z wj 30

## dvwLtvqtvDE

30 Nöt uú ëö3f 53Y3Uuqt 3Z 53W3c qá qá ëëú j3P5c yt t:u3Z 53

**dq:qá q ys' 3dëru:3a 53W**\*4239+0 lsj wsfqDzi nyrs1 0Dxxz wfs h j )

Di | n t w xj w h j x . Wj lsj wsfqDzi ny l t z s i f y t s . 6ymj i ny t s . Of pj  
P fw. 1054968. XVD. uu0: 6/ 80

40 *e x wú qö3N5Z öq q' qö qö3U5Túwéú qö3Y5* \*4247-0  
 Fnfqjsljx is Svt | nsl nktw fyt ts Hvj i j j q ur j sy. uu05: 7/  
 5: ; 0 myux-1li t r w 132 02291; 9: /5/253: 4432/2e85

50 *Wt qx Z ú yt q5*\*4245-0Wj Ut q t klsj wsfqDzi yfsi lsj wsfq  
 Ftsytqts ynj Tzfqy tklnsfshfqUj ut wjy fy SW0DEF. d z wsfq  
 LOP LDK YR0033 QR05. uu0446/45; 0  
 GRL= myux-1li t r w 132 0598631or pj x0 3350438

60 *Ué uñ qö3U5*\*4242-0lsj wsfqfzi yumt xt um. lsfshj fsi  
 fhht zsy1 xhj sykh d z wsfq LDWF Hizhfyt sfqkzsi . 4 \*8+ uu033: /  
 3420

70 *Xxqsxq ú qö3[* 0\*4246-0j wj s j i zhfyts is ynj htsj syx tk  
 j ht x<xyj r xj wj rhj x. Hhtstr rhx. lsfshj fsi Dhht zsy1. Yt q3. \*35+  
 uu03: /4; 0GRL= 320; 72514; 75: 22; /42460305/3: 9

80 *Xxqsxq ú qö3[ 5Xxqsxq ú qö3X5*\*4247-0lxxzj x tk Hht x<xyj r  
 Vj wj rhj x Pfsfl j r j sy0ls=St upr |f. H0 0\* i x+Vj hmst q l rhfq  
 Kt wnt s x tk Gj hfwgtsnfyt ts Efxji ts Hs |ntsr j syfqlsst |fyt ts x0  
 Di |fshj x is Vhj shj. Vj hmst q l « ) lsst |fyt ts 0Vuwsl j w  
 Fmfr Omyux-1li t r w 132 02291; 9: /5/253: 4432/2e92

90 *Wj Izywj Dz i nt wKfx Dwñj i* \*423; -0t q r j [YL Swt yj ny  
 myux-1~~~0wtyj ny0tr 1xjy xli j kfzqylkj xlsj wsfqfzi ny1 /fwtzsi /  
 ynj /~twq /lt q8/uwt yj ny0ui k

: 0 *kuyé ö U5U5*\*4234-0Vtzwhs1 t uyt s x kt wlsj wsfqDzi yxj wj rhj x=  
 «tzwnztxj. «tzwzqj x. Gj q nyj . DPni i q Hfxy St s y t k Yj ~.  
 Otsits. XN. Z isj w4234.  
 myux-1~~~40 j q nyj 0tr 1htsyj syli fr 1Gj q nyj 1' j 1Gthzr j syx

; 0 UD Of~ \$Rs lsj wsfqDzi ny\$ \*4232+  
 320 *R :uýsx3N5X5- R :uýsx3Z 5*\*4242-0Z mfyx ynj |faj t klsj wsfq  
 fzi ny1 BDqj wfywj wj |j ~ ts vzfayfyrj fsi vzfsyyfyrj  
 uj wkuj hylj x0D Oyj wfywj Uj |j ~ ts Tzfayfyrj fsi Tzfsyyfyrj  
 Sj wkuj hylj x \*Dwñq44. 4242-0Pffsi gqj YttwDhht zsyfshk j s  
 Ej i wdkj ht str j. ; 6. uu0: 5/; 40  
 myux-1~~~0y xj fwhml fij Qj yluz gqhfyt s 1562: 4: 995

NSlx.

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bj p<WfrC76A6?4868; DasWfrC8A46?4868; Dj qqlfrC7946A4868;

f SP Teeg Pe a Qf SP Tz f Pd OPb PZ OPNP a Qb Pd Qa d Y LZNP  
Lg OTf LZO Qz LZNTLWNa Zf da Wz f SP bg MNIN ePNf a d

### hrEudyzfrqrqrq

Dw j s rfs Vfyj Xsrj wryk tk Hht str rhx. SmG Oxyz i j sy  
yfs fs «fs | fw zm 01222Cl r fr 01tr  
myux=lt whri @ w 1222; /2229/: : 4/: 4; [

Ls Marta Wfi nytsfq. ynj kzshytsx tk ksfshrfq htsyntq rs  
uzgqh xj hyt wt w f s n f ytsx nf | j gjjs yfwj yj i fy ynj kt wr f yts t k  
gzi l j yx fsi . f hht w i rs l q. ynj j 'j hzyts tkj 'ujsi nyw xOKt ~j | j w  
rs wj hjsy i j hfi j x. uj wkt wr f shj gzi l j ysl nfx gjjs rr uqr j sy i  
rs rs yj wsfytsfq uwfhyhj . ~mhm nfx kt qf ~j i sty tsq ynj  
j 'ujsi nyw t k ksfshrfq wj xt zwhj x. gzy f qf ynj wj xzqj x 'uj hy i  
kt wr ynj r rs ynj uzgqh xj hyt wOw wj f wytqj i nhz x xj x ynj ut xxrgayj x  
tk rs yj l wfsi ynj kzshytsx tk ksfshrfq htsyntq fsi uj wkt wr f shj  
fzi nyrs ynj uzgqh xj hyt wOls uf wytqf w ryx uwt ut xji yt rs ynt i zhj  
f pj « uj wkt wr f shj rs i rhf ytr wr ts nytsq l x«xj r rs yt ynj wfi nytsfq  
ksfshrfq htsyntqyt t qpy0

VvQl qEaDE ksfshrfq htsyntq uj wkt wr f shj fzi ny. pj «  
uj wkt wr f shj rs i rhf ytr wr. ksfshrfq htsyntqj ht x«xj r

### UPWt QuvD-P 62. P 63

dvDvrEty rzP DEyt htr r j syts ynj ~j f psj xxj x fsi xyj s l ym  
t k wfi nytsfq ksfshrfq htsyntq rs ynj uzgqh xj hyt w fsi g f x j i ts  
ymx. yt uwj xj sy wj htr r j si f ytsx kt w rr uwt | rs l ynj ksfshrfq  
hts ynt qyt t qpy0

**dvBvRtTy qnhywse** ly nx uwtutxji ynj zxj tk NSlx ktw  
 rr uwt|r jsyrs ynj ksfshrfqhtsywtqytqpyt kuzgqhxj hytw ~nj wj g«  
 r tsytwsl tk ksfshrfqi nxhrnqsj fhht r ufsjji g« fxxj xxr jsyx tk  
 ynj yfwj yhtxy / j kkj hyrjjsj xx tk ksfshrfqwj xtwhj x0

### TRQJLudtRqA

Sfwyrhnufsyx tk uzgqh xj wrhjx fsi ynj sts/uwtkry xj hytw  
 wj l zdfwqj | fcfyj ynj wwfhyrjyjxrs yj wr xtkymj r nxrts. l tfq fsi  
 t gqj hyrjx ktw ~mthm ynj « ~wj hwjfyj i 0ls rsyj wsfytsfq uwfhryhj.  
 ktr ymx uj wrkuj hyrj. uj wktwr fshj fzi ry nx tk ufwyhzwfw  
 rr ut wfs h. ~mthmrx ~nj qzxi rs uzgqh xj hytw t wfs nfytsx \*Gfq  
 Pfx. 10 Pfxxfw. P 0 Otr gfw n UO J fwfyyn D0 423; +0

Sj wktwr fshj fzi ry nx fs rs i ujsijsy. rr ufwyfqlsi hwj i rgj  
 xyz «. ynfwyj | j fcf ynj j 'yj syt ~mthmuzgqh rs ynfyrjx fwj wj qj | ffsy  
 fsi ynj q. ynj j 'yj syt ~mthm h j wfs x xxyj r x. t uj wfytsx.  
 uwt l wfr x. fhyrjyj x twt wfs nfytsx t uj wfyj rs fhht w fshj ~ymynj  
 uwshnuqj xt k j htstr «. uzwt xj fsi htxyj kkj hyrjjsj xx. fsi ~nj ynj w  
 ynj wj nx wtr ktwrr uwt | j r jsytwsty \*zssj q Z 0 4237 +0

Wj uwshnuqj xt k j htstr «. uzwt xj fsi htxyj kkj hyrjjsj xx tk  
 uj wktwr fshj fzi rs l hfs gj i j ksj i fx kt qf ~x=

✓ Wj uwshnuqj tk j htstr « r j fsx r rs m nrs l ynj htxy tk  
 wj xtwhj x0Wj wj xtwhj x zxi xntzq gj f|frqgqj fy ynj wl my  
 ynj . rs ynj wl my vzf s yk fsi vzf qy. fx ~j qf fx fy ynj gj xy  
 uwthj 0

✓ Wj uwshnuqj tk htxyj kkj hyrjjsj xx r j fsx l j ysl ynj r txytzy  
 tk ynj wj xtwhj x f|frqgqj 0 Wj wj k j wj yt ynj wj qytsxmu  
 gj yjjs ynj wj xtwhj x zxi fsi ynj wj xzqj. rs yj wr x tk  
 vzf s yk. vzf qy fsi ynj j 0

✓ Szwt xj kzqj kq hyrj sj xx rx wj qy i yt ynj rr uq r jsyfys t kymj xj yl tfq fsi fhmj |s1 ynj sy sji wj xzq0

Wrx. ynj r f1s uzwt xj tk uj wkt wr fshj fzi ry rx yt htsxyzhyrj q uwtr tyj j kq hyrj r fsfl j r jsyrs yw xtkj htstr «. fhmj |j r jsy tktgj hyrj x fsi htxy. ~mhm~mhtsxi j wi fqt g« ksfshrfqhts yw q1s uzgqhxj hytw \*Kf«. GO Ftw j w. F0 423: +0

### dvDrHty bvdw

Sj wkt wr fshj fzi ry htsywgjy x yt shw fxs1 ynj q|j q tk fhtzs yfgrjy fsi jsxzwsl yfsxufw sh«0 E« uwtr ty1s1 fhtzs yfgrjy. ry nj qyx ynt xj ~nj r fsfl j r jsy fsi xzuj w|nt w ut ~j w y t rr uwt |j ynj wj xzqy t k ynj rw t w fsnfysx \*Dm tsj s. S0 fsi Nt qtsj s. N0 4242+0 Wrx rx i tsj g« fsf q»s1 ~nj ynj w ynj i j hrx tsx tk q|l nqfyrj fsi j'j hzyrj gti jx fw i j |j q uj i fsi rr uq r jsy i j kq hyrj q. rs yw xtkuzwt xj fsi htxy. fsi ~nj ynj w hrynj sx fsi yf'uf«j w fwj uwt |n i j ~nj ynj gj xy htr gsfysx t k uwthj fsi vzfqy \*Vhmqj r fsx. W0 |fs W-xy. P0 |fs i j wVj j s. P0 fsi i j Ns1. L0 423: +0

Sj wkt wr fshj fzi ry i t j x sty vj xyts ynj t gq hyrj x fsi i j hrx tsx tk ynj q|l nqfyt w gzy fsf q»j x ~nj ynj wfs « l fux rs q~x. q|l fqfhyx twfs « xmt w htr s1 x rs ynj rw rr uq r jsyfys msi j w ynj fhmj |j r jsy t k h j wfs t gq hyrj x \*\_nfs1. N0 [ Ofsi Urhm N0 W0 4238-0Wj kthz x t kuj wkt wr fshj fzi ry nts ynt xj fwj fx ~nj wj ry rx ut xxrgj yt hwyfj ynj l wj f y xy |f qj k t w hrynj sx fsi ynt xj fwj fx ymfy nf|j ynj l wj f y xy ut yj syf qk t w rr uwt |j r jsy \*l z wfs. D0 F0 Z fw mfsn U0 Pfwfsn G0 fsi Vj yfs s1 w r . GO 4242+0

Sj wkt wr fshj fzi ry hwyfj x htsxyzhyrj rs hjsyj x kt w wj xut s xrgj uf w yj x yt yf pj fuuwt uwf yj xj ux0 ly uwj xj w j x

ywf s xuf wj sh« g« uwt | n̄ rs l ufwqfr j sy. yf' uf«j w. t ynj w k̄ s i rs l xt z whj x. wj hn̄j syx tk xyf yj ut qhj x fsi ynj r j i rf ~ym rs /i j ym rs k̄ wr fyt s ts | fw̄t zx l t | j w̄r j sy fhyt sx fsi ynj k̄ s f q wj xz qx t gyfr s j i k̄ tr ynj r \*j zxyf | xts. P0 Vzsi xw̄r . D0 423. +0 W̄r x. uj w̄k wr fshj fzi ry i nj hyq ht syw̄gzyj x yt uwt | n̄ rs l zxj k̄ q rs k̄ wr fyt s yt yf' uf«j w. ~mj xj w̄ rs l fx f gfxn k̄ wr uwt | j r j syx \*j zxyf | xts. P0 Vzsi xw̄r . D0 423. +0

Dgnt zl mhj fw̄j l n̄f ynj xyf s i fw̄ x fuuq rs ynj hfxj t k̄ s f shrfq ht syt q ym x n̄ st yk̄ urhfqt k uj w̄k wr fshj fzi ry 0W̄j wj k̄ wj . i zj yt ynj uz wut xj t kynj qf yj w ynj 'yj r j q n̄ ut w̄f syt hmt xj wj qf gg fsi n̄ ufw̄f q hwyj wf \*Kj f q . G0 423. +0 Fts xj vzj syq. ~j j r umfxn̄ ynj n̄ ut w̄f shj tk zxrs l uwt l wj xx NSLx rs k̄ s f shrfq ht syt q rs yj l w̄f s l ny ~ym uj w̄k wr fshj fzi ry \*xj j l n̄ zwj 30ls ynj hfxj uj w̄k wr fshj fzi ry f n̄ j i f yx t q rs l fs « uwt ḡj r . ynj xyf w̄s l ut rs yx ynj n̄ j syk̄ i i j | fyt s x t w xz xurh t s x f g t z y ynj wj 'nyj shj 0 Kt ~j | j w ynj r f n̄ l tfq n̄ . tk ht z wj . st y t n̄ j syk̄ i i j | fyt s x \*i j | fyt s k̄ tr NSL fsi ny ht sxj vzj shj x. gzy yt n̄ j syk̄ ynj hfxj x t kynj w̄t hhz wj shj 0

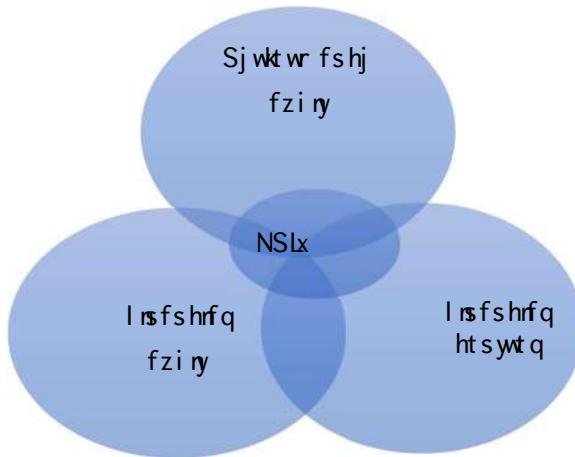
I rs f shrfq ht syt q wj fw̄ tgq l j i yt r fsf l j wj xt z whj j' uj s i ry wj wpxp rs ynj uz gq h xj hyt w rs ufw̄h z q w f i wj xxrs l rs ht wj hy t w rs ht r uq yj ht shq xrt s x. ynj uwt | n̄ rs t k z s g f q shj i t w s t | f q j / f i i j i rs k̄ wr fyt s k̄ w z xj w. j yh \*f s l . O0 4242. +0 D x f w̄q . uj w̄k wr fshj fzi ry k̄ hz xj x ts ynj ht syt q tk ynj r fsf l j r j syx «xyj r x fsi ynj w k̄ s h y t s x fsi uwt h j i z wj x t k | f w̄t zx t w f s n̄ fyt s x. fl j shj x fsi uwt l wfr x k̄ s f shj i k̄ tr ynj xyf yj g z i l j y rs ynj uz gq h xj hyt w fx ~j qfx st s / uwt k̄ t w f s n̄ fyt s x 0

Z m̄ s ht s i z h y s l f uj w̄k wr fshj fzi ny. ynj wj | j ~ hwyj wf fw̄ xj y g« ynj fzi ny w t s f hfxj / g« / hfxj gfxn k̄ w r . ~mj rs ynj hfxj t k f

ks fshrfqfzi ny. ynj vj q | fsyhwj wf fwj j xyf gpxmj i g« q | nxfyts tw  
rsi zxyw vj l zdfyts x \*Othmy. № 423; +0

Vnr refwq. uj wkt wr fshj fzi ny vj utwyx fwj uvj ufwy i ~nym f  
xuj hrkhf fuuwt fhm fhht w rs l yt ynj l rj s hfxj. ~mij ks fshrfqfzi ny  
vj utwyx fwj r ftsq uvj ufwy i rs f xfsi fw nji kwr fy0

Sj wkt wr fshj fzi ny. zsqpj ks fshrfqfzi ny. gfxji r tw ts ynj  
fxxzr uyt s tk uvj hji jsy0 Hfhm rs i rj nzfq uj wkt wr fshj fzi ny  
zqmr f yj q hwj fyj xfi iji | f qj. ~mthmhfsstyqj xfni fgtzyks fshrfq  
fzi ny \*Ott»j ptt y. D0 fsi Grpxwif. J 0 4239-0 lk ks fshrfqfzi ny  
vj | j f qj fhhtzsyfgrqy« j wnt w. ynj s uj wkt wr fshj fzi ny htsxnij w  
nxxzj x r tw kwr ynj uj wkuj hyrj x tk j htstr «. j kkhnjsh« fsi  
j kqj hyrj s j xx. gws l rs l ynj fgrqy« yt hwj fyj sj ~ | f qj yt ynj fhyrj ny«  
r fsfl j r jsy uwt h j xx \*Wwqj x. 00 ] j yfst. D0 Srsf. Y0 423; +0



*Syw úu 8ñexu usë uá ëv yöqösyq: sëö úë: yö  
q t yjöwvúqá u ëú' B*

Wfi nytsfap. ksfshrfqhtsywtqrs ynj uzgqh xj hytwnfx kt hz xj i ts wj |j szj ht qj hyts fsi. fhhtw rs lq. pj j uis l ksfshrfqi rxhnuqsj rs ynj rr uqj r jsyfyt ts tkj' ujsi nyw x \*xjj Wgqj 30ls ymx hfxj. ynj vzfqf yfj hnfwfhyj wxyrhx tk ynj j' ujsi nyw tk ksfshrfq wj xt zwhj x fwj wj qj l f yj i yt ynj gfhpl wtzsi 0

Wj wj kt wj. ~mj s fi |fshj i NSlx gj htr j fuuqhfgj rs ynj ksfshrfqhtsywtqyt t qpy. ynj uzwt xj kzqj xx tk ynj wj xt zwhj x xuj s y fsi ynj fhzqf wj yzws ts ynj wj xzqj ~mjj yfpj s rsyt fhhtzsy rs ynj ht s ywt qwt h j xx. fqls ~ymksfshrfqi rxhnuqsj pj j uis l 0

*eqr:u 85Pëö ë:yt q ut r twu ëvcN.á :ö5t úqá 0*

| lj r x                                 | 4242           | 4243      | 4244       | 4245         |
|----------------------------------------|----------------|-----------|------------|--------------|
| Uj  j szj x fsi<br>yf s xlj w. yt yf q | 382:<br>94:    | 3965 : 87 | 4 354 : 86 | 4 677<br>362 |
| H ujsi nyw x.<br>yt yf q               | 3; 46<br>: ; ; | 4 283; 63 | 4 544 582  | 4 85:<br>575 |
| Gj khrny */+                           | /538 393       | /53 296   | /3 ; 6; 8  | /3 5 435     |

*dë úsuGbpljhyozhsotKuuy J tksSi2868: 2q4: =9*

### N7At WZC7A

ls ynj uzgqh xj hytw ksfshrfq ht s ywt q nfx yfi nytsfap gj j s fxtt hfyj i ~ym ksfshrfq fzi ny. ~ym ynj frr tk fxxj xxrs l ynj ht s xnyj shk tk ksfshrfq wj xt zwhj x kt wr fyt s fsi j' ujsi nyw x0 Kt ~j |j w uj wkt wr fshj gzi l j ysl. ~mhmrx hzwj syq fhylj qz xj i rs rs yw fyt s fq uwfhyhj. fqt wj vzwj x sty tsq r ts nytw l tk ksfshrfq kq ~x rs ynj uzgqh xj hytw gzy fqt uj wkt wr fshj fxxj xxr j syx fwxrs l ktr rr uqj r jsy i r tsj yfw j' ujsi nyw x0ls

xz hmf hfxj. ry gj htr j x sj h jxxfwk yt xyj s l ynj s ynj wj qfyt s xmu  
 gj y~j j s uj wkt wr fshj fzi ry fsi ksfshrfq ht s ynt q gfxj i ts  
 j | t q yts NSlx0 Whj zxj t k NSlx rs ynj ksfshrfq ht s ynt q x~xj r  
 fqt ~x fxxj xxrs l ynj ht xyj kkj hyrj sj xx t k r tsj yfwk wj xt z whj x  
 f hht w i s l yt ynj wuzwut xj fsi ynj fhyzf qwj xz qx kt wr j i 0

## dvwEvqtvDE

30 **Nxéöuö3a5qöt Xé:zéöuö3W**\*4242+ Whj ht s yj s yx t k ynj Qfyt s f q  
 Dz i ry Rkkhj t k l rs fsi uj wkt wr fshj fzi ry. 4223/4238. Mzwsfqt k  
 Szgqh Ezil j ysl. Dhht z ysl fsi lsfshrfqPfsfl j r j sy. Yt q54.  
 Qt 03. uu06; /880

40 **Pë:yo3d51 53Uqúq:t éö3Z 5eqwu éö3e53O:qö' 3g5**\*4239+  
 H uqf rs l r z s hnuqf qf z i ry ht xyk rs V~j i j s =wj ht s xni j wsl ynj  
 ut qyhfqj s | wtsr j sy. ynj r z s hnuqf qf w f s n f yts fsi ynj fzi ry  
 r f w p j y . lsfshrfqDhht z s yf gry) Pfsfl j r j sy. Yt q55 Qt 06. uu0  
 5; 3/6270

50 **Qq: Z q 3S5Z q qúe3Z 5Yéá r qút y3c 5Tqú:q y3N5**\*423; +  
 I wtr t z yuzyt t z yhtr j r j f xz wj x rs ynj uz gqh xj hyt w=f  
 xwz hyz wj i qj wfyw j wj | j ~ . lsj wsfyt s f q Mzwsfqt k R w f s n f yts f q  
 Dsfqxn. Yt q49 Qt 07. uu03853/38780

60 **S ööu::3h 5**\*4237+ Sj wkt wr fshj fzi ysl fsi fi ozi rhfysl ut qyhfq  
 i xuz yj x . lsfshrfqDhht z s yf gry) fsi Pfsfl j r j sy. Yt q53 Qt 03.  
 uu0; 4/3330

70 **S ú qö3NP5h qút xqöy3c 5Z qú qöy3Q5du qöyöwú á 3Q5**  
 \*4242+. Whj j kkj hyt kfzi ry ksl x fsi fzi ry wj htr r j s i f yts  
 kt qf ~zu ts ynj ksfshrfqwj ut w fsi uz gqh xj w h j vzfqy rs  
 ls i tsj xrf . lsj wsfyt s f q Mzwsfqt k Szgqh Vj hyt w Pfsfl j r j sy. Yt q  
 55 Qt 07. uu0757/77; 0

80 **T q éö3Z 5d öt ú á 3N5**\*423; + R w f s n x s l ynj fzi ry  
 xt h j y =i t j x l t t i fzi ysl l j s j w f j q xx uz gqh xj hyt w h t w w uyt s B.  
 Di r rs n y w f y t s fsi Vt h j y. Yt q72 Qt 032. uu0372: /37540

90 **Uq 3Q5P** *é ú 3P5*\*423: + Wj |f qj t kuzgqh xj hyt wfzi ny= qj wfyzwj fsi mxyt w. Mzwsfqt kDhht zsy<sub>1</sub> Oj wfyzwj. Yt q62. uu0 3/370

: 0 **Uuq:t 3Q5**\*423: + Wfsxufwj sh«/ljsj wfjj i ywxy=ymj uwt gq r fyh ymj twxfyts t kuzgqh fz i ny. lsfshrfqDhht zsyfgray« fsi Pfsfljrjsy. Yt q56 Qt 06. uu0539/5570

; 0 **Yjsx 3W.978F08** Wj wt q t kysxufwj sh« rs fzi ny<sub>1</sub>. lsfshrfq Dhht zsyfgray« ) Pfsfljrjsy. Yt q57 Qt 05. uu0455/4670

320 **Yëë' u' ëë' 3N5BQy** *úq3T5*\*4239+. Szgqh fht zsyfgray« fsi ymj uzgqh j' uj si nywj fsi ksfshrfqfht zsyfgray« yttqfs fxxj xxr jsy. lsj wfytstfqUj |j ~ tkDi r rs nywfyrj Vhj shj x. Yt q: 5 Qt 06. uu0 : 28/: 470

330 **dsxy:uá qö 3e5B qö e y 3Z 5B qö t ú d uuö3Z 5t u Wöñ3V** \*423: + Qj ~ i j |j qur jsy=gwj fptsl tzytwmfsrl rs l tsBlsj wfq fzi ny rs l t j j wf r jsy. Szgqh Ptsj« ) Pfsfljrjsy. Yt q5: Qt 09. uu0753/7560

340 **eëñuu 3Y5j u qöë3N5Ba jöq3g5**\*423: + Dj uj wkt wr fshj fzi ny zjx kzB Dht r uf wxts t kHOK0uwfhyhj x. Di r rs nywfyt s fsi Vt hñ yk. Yt q73 Qt 05. uu0653/6840

350 **j qöñ3Y5B**\*4242: + Dz i ny wt wfj |nj wB Dz i ny w\*rs + i j uj si j shj fsi ny rr ufhys ts ksfshrfqr fsfljrjsy. Szgqh Di r rs nywfyt s Uj |j ~ Yt q: 3 Qt 05. uu0697/6: 90

360 **kxqöñ3W5i 5c yjsx3X5Be5**\*4238+: Pzshnufqfzi ny ht r r nyj j x fsi kxhfqut qhj x. Mzwsfqt kSzgqh Ezilj y<sub>1</sub>. Dhht zsy<sub>1</sub> fsi lsfshrfqPfsfljrjsy. Yt q4: Qt 06. uu0658/6880

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bj p<46868; Das ist 46868; Dj qqsq15rC6; 46868;

f S P d a W P a Q L d f T Q N T L W T Z f P W W R P Z N P T Z e g e f L T Z L M P  
O P h P W a b Y P Z f L g O T F T Z R

W D C W L E d o o P T Q

Qt w y n j w X s r l j w x y k. S m Q G O x y z i j s y  
q x r s j f w z x y f r « f s 97: C l r f r o n t r

RUFLG LG=m y u x - t l t w h i Q w 1222; /2227/458: /5497

L s M a r t R E W h i x f w y h q j ' f r r s j x y n j y w f s x k t w f y r j w t q t k  
D v y k h r f q l s j y q p l j s h j \* D L r s x z x y f r s f g q i j l j q u r j s y f z i r y s l .  
j r u m f x n r s l n x h f u f h y k y t r r u w t l j y w f s x u f w j s h k . f h h z w f h . f s i  
j k k h r j s h k r s y n j f x x j x x r j s y t k j s | m t s r j s y f q x t h f q f s i  
l t l j w s f s h j \* H M + u w f h y h j x 0

D x t w f s m f y t s x r s h w j f x r s l q f q t s y n j r w x w f y j l j x ~ y m y n j  
X s r l j Q f y t s x V z x y f r s f g q G j l j q u r j s y J t f q \* V G J x +  
h t s l j s y t s f q f z i r y s l f u u w t f h m j x t k j s u w t l j r s x z k k h r j s y r s  
f i i w x x r s l y n j x h f q f s i h t r u q ' n k t k x z x y f r s f g r y k / w j q y i i f y f 0  
D l / i w l j s y h m s t q l j x / w f s l r s l k t r r f h m s j q f w r s l f d t w y m r x  
y t s f y z w f q f s l z f l j u w t h j x x r s l / t k j w r s s t f y r j x t q y t s x y m t z l m  
w j f q y r j r t s n t w s l . f z y t r f y j i i f y f u w t h j x x r s l . f s i u w j i r h y r j  
w x p j | f q f y t s O W h j x y z i « m l m q l m x u w f h y h f q f u u q h f y t s x t k D L r s  
H M f z i r y x . x z u u t w j i g « w j f q ~ t w q h f x j x . ~ m q j f q t f i i w j x x r s l  
y n j t u u t w y z s n y j x f s i j y m h f q h f q s l j x f w x r s l k t r r y x  
r r u q j r j s y f y t s 0

V v D L T k u D v y k h r f q l s j y q p l j s h j \* D L r s V z x y f r s f g q G j l j q u r j s y .  
D z i r y s l . H M . V z x y f r s f g q G j l j q u r j s y J t f q \* V G J x +

UPWt 7uv DEP 64. T 78. J 5:

**d v ð r h t y r z p D E** Wj uwrr fwk ltfq tk ymx wj xj fwhm fwj yt  
 rs | j xyd f yj nt ~ fwyrhfrqrs yj qpl j shj \*DL+yj hmst q l j x fwj hz wj s yq  
 gj rs l fuuqj i rs ynj fzi ryrs l t xzxyfrs f gq i j | j q ur j sy uwf hyhj x.  
 uf wyrhfrqrs ~ ymrs ynj j s | mts r j syfq xt hrfq fsi l t | j wsfshj \*HJ +  
 i tr frs x>yt j | f q f yj ynj j k j hyrj sj xx tk DLyt t q rs j smfshs l ynj  
 f hhz wfh. yrr j qsj xx. fsi wfsxufwjs h« tk xzxyfrs f gqy« fzi nyx>yt  
 n j syk ynj hmfaqsl j x fsi wpxpx fxxthrfyj i ~ ymynj f i t uyt s tk DL  
 rs fzi ryrs l uwt h j xxj x. rs hqj i rs l j ymhfq htshj ws x. i fyf rs yj l wyk.  
 fsi wj l zqyt w« htr uqfshj > fsi yt uwt ut xj xyf yj l rh  
 wj htr r j s i fyt sx kt w fzi ry rs xyyzyt sx. ut qh«r f pj w. fsi  
 tw fsnfyt sx xj j psl yt rr uqj r j sy DL i wj s xt qyts x rs  
 xzxyfrs f gqy« fzi ryrs l 0

**d v ð r h t y q h v DEP** wj xj fwhmt k j w f st | j qht sywqz yts g«  
 gwi l rs l ynj l fu g j y- j j s fwyrhfrqrs yj qpl j shj \*DL+yj hmst q l j x fsi  
 xzxyfrs f gq i j | j q ur j sy fzi ryrs l / f k j q wfi nyrs f q i tr rs f yj i  
 g« r fszfqfsi wj y t xuj hyrj fsf qxxn Olyj r umfxn j x wj f q ynj j. i fyf/  
 i wj s fzi ryrs l fuuwt hnj x j sfgq i g« DL xz hm fx uwj i rh yj  
 fsf qyhx. fstr f q i j y hyts. fsi sfyzwfqfs l zfl j uwt h j xxrs l. fsi  
 j 'fr rs j x ynj w v t q rs xzuut w yrs l htr uqfshj ~ ym ynj Xs nyj i  
 Qfyt sx Vzxyfrs f gq Gj | j q ur j sy J tfq \*VGJ x-0

l z w y m j w r t w j . ynj x y z i « rs y t i z h j x f kt w - f w / q t p s l  
 uj w k u j h y r j g« f i i w j x x r s l j r j w r s l j y m h f q fsi l t | j w s f s h j  
 hmfaqsl j x fsi g« uwt | n r s l uwf hyh f q wj htr r j s i fyt sx kt w  
 rs y j l w f y s l DL rs y t xzxyfrs f gqy« fzi ry wfr j ~ t wpx / fs fwj f ynf y  
 wj r frs x z s i j w ' u q w j i rs g t y m f h f i j r rh w j x f w h m f s i uwt k j x x r t s f q  
 uwf hyhj 0

## ጥጥለሁት ዓላማ

Wj lqgfq htr r nyr jsy yt xzxyfrfgq ij jqur jsy nfx  
 rsjy sxrkji. ufwyrhzqf wq ~nym ynj fi tuyts tk ynj Xsryj i Qfyt sx  
 Vzxyfrfgq Gj |j qur jsyJ tfq \*VGJ x-0Wj xj ltfqj r umfxnq ynj  
 sji ktwywf sxufwjsy. fhhzwfyj. fsi ynj q r tsntwsl r j hnfs nxr x  
 yt jsxzj js|nts r jsyfq uwtj hyts. xthrfqj vzyk. fsi j kqj hyqj  
 l t |j wsfshj 0Wfi nyt sfqfzi nysl r j ynti x. nt ~j |j w t kjs xwzll q  
 yt r fsflj ynj htr uq' nyk fsi |tqqrj tkxzxyfrfgq wqfj i i f yf  
 \*Ej ggtsl yts jyfcp 4236-0

Dwyrkhfqlsj qpljshj \*DL+rx j r j w rs1 fx f ywf sxktr fylj ktwhj  
 rs ymx htsyj 'y0 E« q |j wf1 rs1 yj hmstq1jx xzhm fx r fhmsj  
 qfws1. sfyzwfqfslzflj uwt hj xxrs1. fsi uwj i hyqj fsf qytrh. DL  
 t kqj w ut ~j wkwqxtqytsx yt r t i j wsnj fsi j smfshj ynj fzi nysl  
 uwt hj xx0l t wj 'fr uqj. Hj nfx qzshmj i 52 sj ~ DLyt t q fhwtxx nyk  
 lqgfqt uj wfyt sx yt j smfshj fzi nysfci fxxwfshj xj wtrhj x. fmr rs1  
 yt wj i zhj x yfk gzwstzy fsi m uwt |j j kkhqj sh«0 Wj Hj T DL  
 uqykt wr xywfr qsj x fhtzsy1 yfpx. jsfgqsl fzi nyt wyt kthzx  
 r twj ts wxp fxxj xxr jsy fsi qxx ts fir rsxwfyj i zyj x0 Wmx  
 rs |j xyr jsy nufwytk Hj &3 grnts htr r nyr jsy yt zul wfi rs1 nyk  
 fxxwfshj yj hmstq1 «. ut xnyts rs1 ynj r fmj fi t kht r uj ynt w xzhm  
 fx Gj qnyj \*Wj Dzxywfqfs. 4245-0 Hj rx fqt j 'uq wsl ynj wt qj tk  
 DL rs xzuut wsl j r j w rs1 hqr f yj wj ut wsl wj l zqytsx \*Wj  
 Dzxywfqfs. 4245-0

Vnr nfwq. NSPJ nfx rsyj wf yj i Hs|nts r jsyfq Vt hrfq fsi  
 J t |j wsfshj \*Hj +khyt w rsyt nyk fzi n yj hmstq1 « kfr j ~tw ~nym  
 ynj qzshm tk NSPJ Fqwf. fs DL i wj s uqykt wr i j xhj sji yt  
 uwt |n j wj f qyj rsxh myx fsi j smfshj htr uqfshj r tsntws1  
 \*Erl 6Vfyx. 4245-0 Wj xj DL yj hmstq1jx fwj nqur s1 fzi nyt w

fxj xx HJ i fyf r twj j kkhj syq fsi fhhzwfj q. fi i wj xxsl ynj  
lw~sl i j r fsi kt w yfsxufwjs h« rs xzxyfrsfgrqy« wj ut wjsl  
\*NSPJ . 42430

Kt~j | j w ynj rsj l wfyts tkDLrsyt xzxyfrsfgrqy« fzi yrsl rx st y  
~ynt zy hmfqj sl j x0Hymhfqhtsx j wfytsx. i fyf uwjfh« htshj wsx.  
fsi ynj sji kt wj l zqyt w ht r uqfsj fwy hwyhfqnxzj x ynfyr zxy  
gj fi i wj xxj i 0Hymhfq! t | j wsfsj t kDLrx urjtyfqty j sxzwsl ynf y  
xzxyfrsfgrqy« fzi nyx fwj hwy i rgj. j vznfgj. fsi i wj l jszrsj  
js | wtsr j syfqfsi xthrfqutl wj xx \*Ff | j yf 423, +0

Wmx fwyrhj j' uq wj x ynj lw~sl rsj l wfyts tkDLrs xzxyfrsfgrqj  
i j | j qur j syfzi yrsl Olyj 'fr rsj x nt~ DLjsnfsj x ynj j kkhj s h«.  
wj qfgrqy«. fsi yfsxufwjs h« t k fzi nyx. uf wyrhzc wq ynt xj kt hzj i ts  
HJ uj wkt wr fshj 0 Whtzlm wj fq~twj j'fr uq x. ynj fwyrhj  
ml mqi myx gt ym ynj t uut wzsryj x fsi hmfqj sl j x t k DLfi t uyt s.  
rs hqj i sl j ymhfq yj hmsnhfq fsi wj l zqyt w htshj wsx0Xqrr fij q. ry  
frr x yt uwt | n j uwfhyhfq wj htr r j sif ytsx kt w fzi nt w.  
tw fsnf ytsx. fsi ut qhrr f pj w ts nfwsj xxsl DLyt xzuut w  
r twj xzxyfrsfgrqj fsi fhtzs yfgrqj kzywj 0

### fyv Fv@?u?u?u?u

Wmx wj xj fwhmf i t uyx f vzfqyfylj fuuwtfhmyt j'fr rsj ynj wq  
t k Dwykhf q lsj q j shj \*DL+ rs xzxyfrsfgrqj i j | j qur j syfzi yrsl 0  
Wj r j ynt i t q! « ht s xxyx t ky~t pj « ht r utsj sy=

Wetrlatv dvhzwLE D ht r uwj njsxrlj fsfqxrx tk fhfij r m  
xyz i j x. uwt k j xxrlsfq wj ut wj. fsi rs i zxyw uzgqhf ytsx yt  
rs | j xyfj ynj fuuqhf ytskDLrs fzi yrsl. ~ymuf wyrhzc wfyj s yts  
yt Hs | wtsr j syfq Vt hrfq fsi J t | j wsfsj \*HJ +fzi nyx. fx ~j qffx

ynj j ymhfq fsi wjlzqytw hmfqsljx fxt hrfyj i ~ym ryx  
rr ujr jsyfyt s0

**NrDv eGduzvOE** Ds j'fr rsfyt s tk wjfq~twj uwfhryhj x ktr  
qfi rs1 fzi rys1 kwr x zhmfx H fsi NSPJ . kthzxrs1 ts ynj rwzxj  
tk DL rs xzxyfrsfgrqk fzi rys1 fsi rys1 rr ufhj ts j kkrhj sh.  
yfslxufwjs h. fsi HJ htr uqfshj 0

Wrx htr grsji fuuwt hmuwt | n j x f ynt wtzl mzsij wxyf s i rs1 tk  
nt ~ DLhfs j smfshj xzxyfrsfgrqk fzi rys1 ~mij fqt fi i vj xxrs1 ynj  
hmfqsljx fsi j ymhfqhts xni j wfytsx wj qj i yt rys1 rsyj l wfyts 0

### **dVDrHty EvDvOE**

Wj rsyj l wfyts tk Dwyrkrhfrq lsj qptjshj \*DL+ rs xzxyfrsfgrqj  
i j | j qur jsy fzi rys1 mfx gjjs f lwt~rs1 wj si. ~ym kwr x  
rs hwyfxrs1 qf i tuyrs1 DLj hns t qf l jx yt j smfshj ynj j kq hyrj s j xx  
tk Hs | mtsr jsyf q Vt hrfq fsi J t | j wsfshj \*HJ +fzi rys0Efxj i ts  
hfxj xzi j x. j' uj wryj wj ~x. fsi qyj wfyw j. xj | j wfqj « krsi rs1 x  
j r j wj i wjl wj rs1 ynj j kkrhj sh. hmfqsljx. fsi j ymhfq  
hts xni j wfytsx tk DLzxj rs xzxyfrsfgrqk fzi rys1 0

DLut~j wj i fzi rys1 yttq mflj wj | t qytsnji ynj ~f «  
xzxyfrsfgrqk fzi rys1 fwj htsizhj i 0E « fzytr fys1 wtzysj yfpx  
xzhmfx i fyf j 'wfhryts. i thzr jsyfsfgrqxx. fsi fstr fq i j yj hyts.  
DLj sfgjx fzi ryt wj yt kthzx ts r twj hwyhfrqfwj fx. xzhmfx wpx  
fxxj xxr jsyfsi xwfyj l « i j | j qur jsy \*DLFSD. 42430

Wgj 3xmt~x ynj ym j xf | rs1 x fsi rr uwt | j r j s yx rs fhhzwf h.  
i zj yt DLrsyj l wfyts rs fzi rys1 ht sizhj i g « yt u fzi rys1 kwr x zhm  
zx H. NSPJ . fsi Gj q rysj 0

*eqr:u 8. Pëá ñqúy ëö ëv eyá u dq jöw qöt Rúúëú c ut s yëö yö eúqt y yëöq: 5NVAQúy uö N ty 5*

| Lduzð<br>bEñtvð       | fbruzðñArU<br>Y vññu | L110Lñvq<br>Lduzð | fzPv<br>erhvU | PññE<br>dvuðtññ |
|-----------------------|----------------------|-------------------|---------------|-----------------|
| Gfyf<br>Ft qj hyts    | 5/7 i f«x            | 3i f«             | 72(           | 37(             |
| Gthzr jsy<br>Uj   ñ ~ | 4/6 i f«x            | 3i f«             | 72(           | 32(             |
| Dstr fq<br>Gj yj hyts | 3/4 i f«x            | 6 nt zvk          | 97(           | 42(             |
| Uxþ<br>Dxxj xxr jsy   | 5 i f«x              | 3i f«             | 88(           | 3(              |

Wgj 3nq xwfyj x ymj xñ sñkñf synr uwt | j r j syx rs j kñhñj sh« fsi fhhzwfh« fhmj | j i g« rs yj | wfysl Dwykñhñf q ls yj qñj s hñ \*DL+ rs yt xzxyf rs fgrñy« fzi ny0Wñj i fyf xmt~x f r fwþj i wj i zhyts rs yñj xuj syts | fwþt zx fzi nyuwt hñ xxj x. xzhamfx i fyf ht qj hyts. i thzr jsy wj | ñ ~. fstr fq i j yj hyts. fsi wþp fxxj xxr jsy0l twrsxfs hñ. ymj yñj j wj vznj i ktwi fyf ht qj hyts fsi i thzr jsy wj | ñ ~ rx hzy g« 72( ~ñym DL/i wñj s yt qj htr ufwyj i yt wñf i nytsfq r j ynt i x. fsi fstr fq i j yj hyts rx ht r uqj yj i 97( kfxyj w0

Di i nytsfq. DL rs yj | wfyt s qfi x yt styfgj j wñt wj i zhyts. ufwyhñcfwq rs fstr fq i j yj hyts fsi wþp fxxj xxr jsy0 Wñj i j hñj fxj rs mñr fs j wñt wj sxzwy x r twj wj qf gj fzi nytzht r j x. ht sywrgzysl yt rr uwt | j i wfsxufwjs h« fsi wñxy rs ymj fzi nyrsl uwt hñ xx0Wñj xj kñs i rs l x xz uut wñyj fwzr jsyynfy DLx styt s q fs j kñhñj sh« j smfs hñ w gzy fqt f hñzhrf q yttq kt w rs hñj fxrs l ymj fhhzwfh« t kxzxyf rs fgrñy« fzi ny. zgnr f yj qj gjsj kñysl xyf pj nt qj w g« uwt | n rs l r twj wj qf gj HM wj ut wñx0

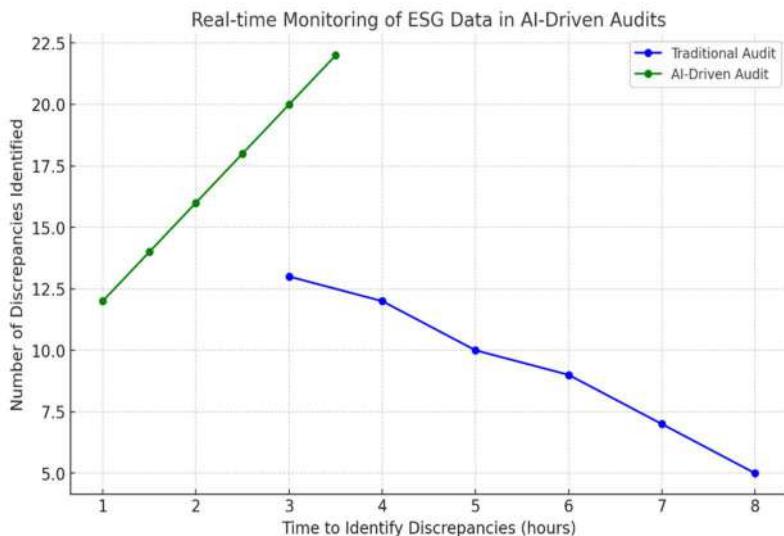
Wnx yfgj j kq hyrj q mli mli myx ynj yfs l rgj gj sj knx ynf y DL  
gws l x yt fzi ny s l kwr x. r fpr s l ynj hfxj kt w gwt fi j wfi t uyt s tk  
DL rs xz xfr s fgr g j fsi HMJ fzi ny s l uwfhyrj x0

DLx vj f q ynj j hfuf g r g yj x nf l j gj j s uf v y hz q f w q gj sj khrf q kt w  
yf h p r s l HMJ r j ywhx rs i «sfr rhj s | nt s r j syx0Dz i ny s l u f y k t wr x  
q p j NSPJ x F q w fsi Hj x Hj T q j j w f l j r f h m s j q f w s r s l  
f q t w y m r x yt u w t h j x x fsi f s f q » j HMJ i f y f rs vj f q y m r j . u w t | n rs l  
fzi ny t w k ~ y m h t s y s z t z x rs x d myx rs y t x z x f r s f g r g j u j w k t wr f s h j 0  
W h j x j u f y k t wr x f q ~ fzi ny t w k y t i j y hy n x z j x x z h m f x  
i n x h w j u f s h j x rs h f w g t s j r n x t s vj u t w y s l t w q g t w u w f h y n j  
| r t q y t s x f x ynj « j r j w j . j s f g q s l t w f s n f y t s x y t y f p j n r j i r f y j  
ht w y j h y r j f h y t s \*DLFSD. 42430

I n z w j 3 g j q ~ r o p x y w f y j x ynj n r u f h y t k w j f q y m r j r t s n y t w s l t s  
HMJ u j w k t wr f s h j fzi ny 0 W h j I w f u m h t r u f w j x ynj ynj y f p j s k t w  
n i j s y k s l i n x h w j u f s h j x rs HMJ vj u t w y x ~ y m fsi ~ y m t z y DL  
rs j l w f y t s 0

W f i n y t s f q D z i n y \*g q j q s j + y f p j x x d s n k h f s y q r t w j ynj y t  
n i j s y k « i n x h w j u f s h j x . ~ y m k j ~ j w i n x h w j u f s h j x n i j s y k j i t l j w  
y n j 0 D L / G w r j s D z i n y \* l w j s q s j + n i j s y k j x i n x h w j u f s h j x r z h m  
k f x j w f q ~ r s l fzi ny t w k y t i j y hy r t w j n x z j x rs q j x x ynj j 0 W h m x  
k h l z w j | n x z f q j i j r t s x w f y j x m t ~ D L j s n f s h j x ynj j k k h r j s h « t k  
fzi ny g « n r u w t | r s l ynj x u j j i fsi f h h z w f h « t k i j y hy s l HMJ i f y f  
i n x h w j u f s h j x 0

W h j I w f u m h q f w q r o p x y w f y j x ynj x d s n k h f s y n r u f h y y n f y f w y k h r f q  
rs y q p j s h j \* D L h f s m f l j t s x z x f r s f g q j i j l j q ur j s y f z i ny s l O l y  
x m t ~ x y n f y D L y t t q s t y t s q i w f x y h f q j v j i z h j ynj ynj vj v z w j i y t  
i j y hy i n x h w j u f s h j x rs HMJ i f y f g z y f q t r s h w j f x j ynj s z r g j w t k  
n x z j x n i j s y k j i ~ y m s f x m t w j w u j w t i 0



*Syw úu 8. c uq:4yá u Z éoyéyöwëv RdT Qq q yö NvQúy uö N t y*

Dl& fgrøy« yt mfsi gj qwlj fsi htr uq' i fyfxj yx rr uvt |j x ynj ywfshufwjs« fsi fhhtzs yfgrøy« tk HJ fzi nyx0 DL ufykt wr x hfs nj syk« ufyyj wsx rs i fyf ynfyr f« tynj w-nj lt zsst yhj i. nj qrs1 fzi nt wk i j yj hy ut yj syfq kfzi tw r nxj uwj xj syfyt s rs HJ wj ut wjs1 O Whx rs hwj fxj x ynj htskij shj tk xfpj nt qj wk rs ynj fhhzwfh« fsi wj qfgrøy« tkynj fz i ry uvt hj xx0

I twrsxyfshj. Dl/i wrjs uqykt wr x xz hmf x HJ T fqt~ fzi nt wk yt ywfhp fsi |j wrk« hfngts t kxj y hqrr x rs wj f qyr j. j sxzwsl ynf yj ut wj i xzxyfrs fgrøy« r j fxz wj x fqts ~nym fhyzfq tw fs nfytsfq uwfhyhj x0Whx rs uf wjhz qwq rr ut wjfs ykt wt w fs nfytsx frr rs l yt r j j y l q gfq xzxyfrs fgrøy« xfsi fw x. fx i nxhwj ufshj x gj y-jjs

wj ut wj i i fyf fsi fhyzfquj wkt wr fshj hfs xtl sikhfs yq i fr fl j fs t w fs nfyts & wj uzyfyts \*Gj q nyj . 42440

I wr r « uj wkuj hylj . tsj tkymj r txy | f q f g q hts ywrgzr tsx tk fwykthf q rs y qplj shj rs xzxyfrsfgray« fzi ry s l qj x rs yx fgray« yt rs hwy fxj ywfsxufwjs h« fsi fhtzs yfgray« Ols yw i rytsfqHJ fzi ryx. zsh t j w s l rs ht s x x y j s h j x t w r w j u w j x j s y f y t s x rs xzxyfrsfgray« i fyf hfs gj y r j /ht s x z r rs l fsi . fy y r j x . rr w j h w j OKt ~ j j w DL x x y j r x hfs uwt hj xx | fxy fr t z s y x t k h t r u q ' i fyf. ri j s y k ufyj w s x . fsi k q l w j l z q w y j x y m f y ~ t z q q p j q l t z s t y h j i g « m z r f s f z i y t w k 0

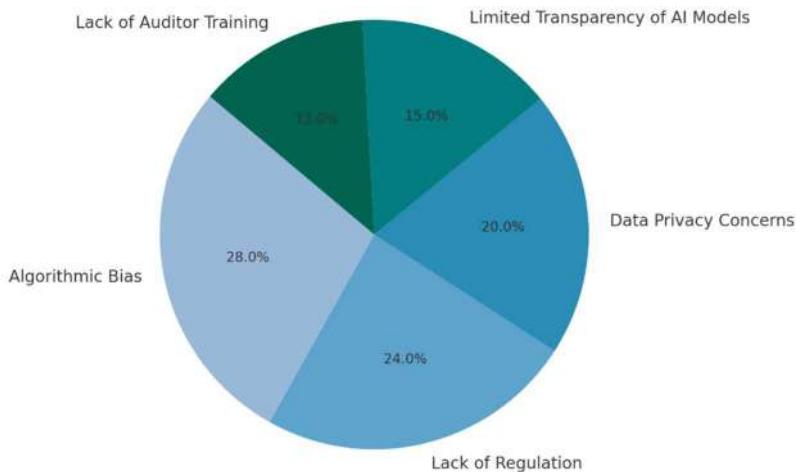
Wmx q | j q t k rs xtl my xtl sikhfs yq xw j s l y m j s x y m j h w j i g r a y« t k fzi y w j xzq x0ly st y t s q w j fxxw j x x y f p j n t q j w k y m f y y m j w j ut w j i i fyf w j k q h y x y m j t w f s n f y t s x fhyzfq uj wkt wr fshj gzy f q t u w j x x w j x h t r u f s j x y t r f s y f r s n t s j x y f s i y w f h j f g q x z x y f r s f g r a y« u w f h y h j x 0 L g j q j | j y m f y g g j s m f s h s l y w f s x u f w j s h « . DL m j q u x g z q y w z x y g j y ~ j j s g z x t s j x x j x . rs | j x t w . fsi y m j u z g q h / f p j « j q r j s y rs f hmj | rs l q s l / y w x z x y f r s f g q i j | j q u r j s y l t f q 0

Dy y m j x f r j y r j . ny & j x x j s y f q y t w j h t l s n j y m f y y m x rs h w j f x j i y w f s x u f w j s h « i j u j s i x t s y m j v z f q y k t k y m j i f y f f s i y m j i j x t s t k y m j DL x x y j r x 0 Z y m f t z y j y m f h f q x f k j l z f w x f s i u w t u j w t | j w k l m y . j | j s y m j r t x y f i f s h j i y j h n s t q l « h t z q w x p r w x s y w w j y f y t s t w g r f x 0 W h j w j k t w j . ~ m j ~ j x j DL f x f ut ~ j w k q j s f g q w t k f h t z s y f g r a y « . yx rr u q j r j s y f y t s r z x y g j f u u w t f h m j i w j x u t s x r g q f s i y w f s x u f w j s y q r y j d 0

Z m j DL t k j w x x t l s i k h f s y g j s j k y x . yx rs y j l w f y t s rs y x z x y f r s f g r a y « f z i r y s l f q t w f x j x x j | j w f q j y m f h f q f s i w j l z q y t w h m f q i s l j x 0 R s j t k y m j r t x y x t l s i k h f s y n x z j x n j s y k j i i z w s l j ' u j w y rs y j w j ~ x ~ f x y m j u t y j s y f q k t w f q t w y m r t h g r f x rs DL

x«xyj r x0lkDLr t i j q fwy yfisj i ts grfxj i twishtr uqyj i f yfxj yx. ynj fzi ry wj xzqj htzq gj xpj ~ji. qfisj i yt sfhzhwfy fxxj xxr j syx tkfs twfsnfyt s x HM uj wkt wr fshj OWj wj xj fwhm ktzsi ynf y ~yntzy uwt uj w l t | j wsfshj. DL x«xyj r x r n my zsi yj sytsfap uj wuj yzfj grfxj x is HM i f yf fsfapxx. ufwyhzq wks is xt hrfqr j ywhx apj qgtwhtsi ynt sfsi i rj wkyk \*RQj nq 4238-0

I zvymj wr twj. ynj qfhp tkzsrlj wsfqyj l zdfytsx xzwztsi nsl DL is fzi nsl ~fx n j sykji fx f r faw gfwyj wyt nyx ~n j xuwyfi fituytsOWj wj n f l w ~nsl sji i ktwzj wsfytsfqxyfsi fw x ynf y wj l zdfyj DL& zxj is fzi nsl. jsxzwsl ynf y DL i wj s fzi nyx r jj y ynj xfr j j ymhfq qlfq fsi uwt k j xxtsfqxyfsi fw x fx yf i yntsfq fzi nsl uwt hj xxj x \*RHFG. 4242-0



**Syw úu 9. Rxysq: qöt c uw :q éú Pxq::uöwu yö N4Qúy uö RdT N ty**

**LkñLzqP zt MrC, 6C)** - / Uj kq hyx wpxpx tkgrfxj i tzyht r j x i zj yt kf~ji yfisj i f yf twr t i j q i j xts 0

Wt@Twd vx dLrsl ,6: ) - / Krl mqi myx ynj sji ktwhq fwq l fq  
kwfr j ~ twpx l zni sl DLzxj rs fzi ny0

Or@ bLhrtD N79tvL9L ,64) - / Di wj xxj x wpx t k  
r nxnfsi qsl xj s xnyj HM i fyf0

Wp zou fbrq0trbvtD TwLT Y QuvL9L ,5=) - / Uj kj wk yt ynj  
gqhp gt' sfyzwj tk xtr j DLx«xyj r x. r fprsl fzi ry uwt hj xxj x  
nfw yt rsj wuj y0

Wt@TwLduz8L fbrqz9x ,58) - / Xsi j wkt wj x ynj xprpx l fu rs  
j kj hyrj qz xrs l DLyt t q0

I hz wj 4 mqi myx ynj pj « j ymhf qfsi wj l zqyt w hmfqj sl j x  
j shtzs yj wj i rs ynj rsj l wfyt s tkf wyrhfrqrs yj qpi j shj \*DL+rs yt HM  
fzi ny0 uwt hyrj x0 Dr ts l ynj njsyj j i nxxj x. fdt wymr rh grfx  
\*4: (+ j r j wj x fx ynj r txy hwyhfq htshj w0 Wm wj kj hyx ynj  
I wt ~ rs l f~ wj s j xx ynf y DLx«xyj r x. rk wfrs j i ts zsgfqshj i tw  
sts/wj uwj xj s yfj i fyf. r f « uwt i zhj zskfrw tw i nhwr rsfyt w  
wj xzqj x. ynz x zsi j w rs l ynj rsj l wj « t kxzyfrsfgqj « fzi ny0

Wj qhp tk wj l zqyt s \*46( + r f st ynj wuj xxrs l hmfqj sl j 0Dx  
DL fuuqhfyt s x rs fzi ny0 j ufsi. ynj fgxj shj tk hq fw q l fq  
kwfr j ~ twpx wf xj x htshj w x fgtzy f hhtzsyf gqj. xfsi fw x. fsi  
qf gqj « rs ynj hfxj tkj wtsj t zx twzsj ymhfqz yuzyx0Gf yf uwt f h «  
htshj w x \*42( + fqt wj r f rs uwt rsj sy. uf wyrhfrqj l rj s ynj  
xj s xnyj ny « t k HM / wj qfj i i fyf fsi ynj wpx t kzs fzynt wj i f hhj xx  
t wr xz xj 0

Wj krl wj fqt gws l x f yj s yts yt ynj qfj i wfs xuf wj sh « tk  
DL r t i j q \*37( + tkj s wj kj wj i yt fx ynj \$gqhp gt '\$ uwt gqj r 0  
Z m j s fzi ny w fsi xyf pj nt q j w hfsst y hq fw q zsi j w y fsi nt ~ DL  
x«xyj r x w f hm ynj w htshq xts x. ny gj ht r j x i rk hz qj yt j s x wj  
t gq hyrj ny fsi ywxy0f xyq. ynj qhp t kfz i ny w y w f rs l \*35( + ut rs yx

yt f uwfhfql fu=k tw DLyt gj j kq hyrj q fsi j ymhfq i j uq «j i . fzi nt wk r zxy gj j vzuuj i ~ym gt ym yj hmsrhf q pst ~qj i l j fsi hwyhfqzsi j wxyfsi rs1 t k DLx«xyj r x0

ls xzr r fw. ~mij DL t kq wk xh s rhf sy fi |fsyfl j x k tw HM fzi nysl . l r zyj 4 zsi j wkt vj x ynj m ut wfs h j t kf i i vj xxrs1 j ymhfq fsi vj l zqyt wk wpx uwt fhyrj qOD gfqshj i fuut fhm/ ht r gsrsl rsst |fyt s ~ymt t |j wfs h j / n j xxj syf qyt kzqj vj f qj ynj gj sj kryx t k DLrs xzxyfrsfgj i j |j q ur j syfzi nysl 0

Gj xurj ynj hq fwfi |fsyfl j x k DLrs xzxyfrsfgj i j |j q ur j sy fzi nysl . xj |j wqfi t uyt s gfwqj wk ~j vj m m qj ynj i OFt xy vj r f s x tsj t k ynj uwr fw t gxyf hq x. j xuj hrfq k tw xr f qj wkr x ymf y r f « qhp ynj ksfshrfqyj xt zwhj x yt rs |j xy rs DLj y hms t q l «ODi i rytsf q. ynj yj hmsrhf qht r uq 'ry t k DLx«xyj r x vj vzuuj x fzi nt wk yt zsi j w t xzgxyfsyf q ywfrs1 yt j kq hyrj q zxj ynj xj yt t q. ~mhm htzq kzvymj wshyj fxj ht xy fsi ym j gzwj s x0

## N79t W279

Wj rsyj wfyts tk Dwyrhfrq ls yqj shj rsyt ynj kq j tk xzxyfrsfgj i j |j q ur j sy fzi nysl r fwpx f ywfs xkt wr fyrj xmkj rs nt ~ tw fsnfyts x r tsnt w vj ut w. fsi |j wtk ynj rwj s |m t s r j syf q xt hrfq fsi l t |j wfs h j \*HM +uj wkt wr fshj ODx i j r tsxwfyj i rs ym x fwyhj . DL xh s rhf sy j smfshj x ynj fhhzwf h. j khrhj sh. fsi ym j qsj xx tk fzi nyx g« fzytr fysl vj uj ynrj yfpx. i j yj hyrs1 fstr f qj x rs vj f q ym j . fsi jsfgqsl uj i rhylj fsf qxxn0Wt q xz hm fx sfyzwfq qsl zflj uwt h j xxrs1 . r fhmsj qfws1 . fsi wt gtyh uwt h j xx fzytr fyt s fw st ~ fhyrj q xmfur s1 ynj kzvymj tk HM fzi nysl g« r fprsl ym t w i «sfr rhf s i f y / i w j s 0

Ptwjt|jw ynj m uqj rjsyfyt s tk DL qjfix yt lwyfjw ywf s xufjsh« fsi fhhtzsyfgrqy«. fqt~rs l xypjntqjwk yt lfrs ijjujwrsxhmxrsyt htwtwfj xzxyfrsfgqy« uwfhynj x0Wmx fqlsx i wj hyq ~nym ynj uwshnuqj x tk xzxyfrsfgq ijjqurjsy. ~mhm uwltwymj tujssjxx. rs hqxrly«. fsi qsl/jw vjxut s xrgqy«0Wj |nxzfqj i vj xzqj rs l rly 3fsi Wgqj 3jr umfxnq nt~ DLyt tq i wfxyhfqj vj i zhj ynj fsi mqrfs jwutwrs fzi yx. ~mij lrlzvj 4 tzyqsj x ynj j ymhfqfsi vj l zqytwk mzwqj x ynfyr zxygj fi i vjxxj i yt j s xzwj vjxut s xrgqj zxj tkDL

Gj xunj ynj xj gj sj kqjx. xj |j wfqhnfqj s l j x uj wmx0Wj uwj xj shj tk fqt wymr rh grfx. qhp tk vj l zqytwk hqwy«. fsi rs xz kkhnj sy fzi yt wwf rs rs l fwj xzgxyfsyf qgf wryj wk yt ~nj xunj fi fsi j ymhfq DLfi tuyts0Wj xj hnfqj s l j x sj h j xxyfj f htqgt wfyrlj fuutfhm rs |tqrs l vj l zqytwk. fzi y uwt k j xrt s fq. i f y xhj s yxyx. fsi j i zhfytwk yt ijjq u htr uwy nj s xrlj x yfsifw x. m uwt |j i rlyf q qy wf h«. fsi j s xzwj ynj k fmsj xx tkDLr t i j q z x j i rs Hj fzi yrs l 0

Wj kzywj tk xzxyfrsfgqj fzi yrs l ~qgj rs hwyfxrs l qk mgnj / htr grs rs l ynj fsf qyhfqut ~j wtk DL~nym ynj hwyhfqzilrjsyt k mqrfs fzi ytw0W zsqhp ynj kzqut yj s yf qtk DL rs ymx kqj. xypjntqjwk r zxy rs |j xy rs ywf s xufjshy. j ymhfq fsi rs hqxrly jy hmstq l j x ynf yf wj fi fuyfgqj yt wfuni q j |tqrs l xzxyfrsfgqy« x yfsifw x fsi xt hqj yf qj ' uj hyf yts x0

## dvwEtvqtvDE

30 *Ouryöwëö31Bf öuúá qö31B- J Q uú305\*4236+0Vzxyfrsfgqy«*  
Dhhtzsyrs l fsi Dhhtzsyfgrqy«

40 *Pq u3d5BQynö á 3g5B- Wö' uú3P5\*423+0Hymhx tk Dwykhrfq*  
lsj qj j shj fsi Ut gtyhx0Vyfs kwi Hshhqd uj i rf tk Smq xt umx0

50 W<sub>j</sub> Dzxywfqfs 0\*4245-0H<sub>j</sub> qfs hnj x DLyt t<sub>q</sub> ktwfzi yfsi  
 fxxzwfshj 0Vzgxhwgj yt W<sub>j</sub> Dzxywfqfs UQj ~xufuj wnt r j i j qfj w.  
 ~j gxny . f<sub>fi</sub>. f<sub>nts</sub> ) Dsi w<sub>n</sub> fuux

60 Er<sub>l</sub> 6Vfyx0\*4245-0W<sub>j</sub> Er<sub>l</sub> ItzwDLlsst|fytsx rs Dzirysl 0W<sub>j</sub> Er<sub>l</sub>  
 ItzwDLlsst|fytsx rs Dzirysl / Er<sub>l</sub> 6g<sub>u</sub> ynj szr gj w

5. Xxqsxq ú qö3[ ፩ ፩Xxqsxq ú qö3X<sub>5</sub> 5\*4247-0lxxzj x t k  
 H<sub>t</sub>t x<sub>xj</sub> r V<sub>j</sub> w<sub>rhj</sub> x Pfsfl j r j sy0ls=St upt |f. H<sub>0</sub> 0<sub>j</sub> i x+  
 W<sub>h</sub>mstqf l rhf qKt wnt s x t k G<sub>j</sub> hf wgt s mfyts Ef xj i ts H<sub>5</sub> | mtsr j syfq  
 lsst |fytsx0Di |fshj x rs Vhjshj . W<sub>h</sub>mstqf l ) lsst |fyts0  
 Vuws<sub>l</sub> j w Fmfr 0[https://doi.org/10.1007/978-3-031-82210-0\\_70](https://doi.org/10.1007/978-3-031-82210-0_70)

80 NSPJ 0\*4243-0NSPJ Fqwf=D Vr fw<sub>y</sub> Dzir S<sub>q</sub>yk<sub>w</sub> 0NSPJ 0NSPJ  
 Dsstzshj x DLlsj l wfyts rsyt J qgfqVr fw<sub>y</sub> Dzir S<sub>q</sub>yk<sub>w</sub> . NSPJ  
 Fqwf

90 DLFSD 0\*4243-0Dw<sub>y</sub>rhfqls y qfj shj rs Svt k<sub>j</sub> xxrt s f qVj w<sub>rhj</sub> x0  
 myux=1~~~G<sub>rhuf</sub> Q w 1w xj f whmxfs i fw<sub>i</sub> x1j ymhxlf rs uvt k<sub>j</sub> xxrt s f qj w  
 rhj x

: 0 Gj q<sub>nyj</sub> 0\*4244-0DLrs Vzxyf rs f grqy<sub>0</sub>  
 myux=1~~~40 j q<sub>nyj</sub> 0t r 1l qgfqj s1ufl j x1fgt zy i j q<sub>nyj</sub> 1fw<sub>rhj</sub> x1fr /  
 rs/xzxyf rs f grqy<sub>0</sub>ny<sub>q</sub>

; 0 J [ u<sub>y</sub>.3P5\*4238-0Z j fut s x t k P fym G<sub>j</sub> xyw<sub>hyts</sub>=Kt ~ Er<sub>l</sub> Gfy  
 ls<sub>hw</sub> f xj x lsj vzfqy<sub>0</sub> fsi W<sub>j</sub> f y<sub>0</sub> s x G<sub>j</sub> r t h<sub>wf</sub> h<sub>0</sub> F<sub>w</sub> ~ s Szgqxm<sub>l</sub> 0

320 RHF G0\*4242-0DLfsi ynj l zyw<sub>j</sub> t k Z t w<sub>0</sub>Uj ynj | j i k<sub>w</sub> r  
 myux=1~~~@j hi @w 1

330 e x w<sub>x</sub> ú qö3N<sub>5</sub>bdq q qöe3Z ፩- Xxqsxq ú qö3[ 5,646=-2W<sub>j</sub>  
 nxxzj x t kfzi y i j | j qf ur j sy rs ynj ht s yj 'yt kxzxyf rs f ggj  
 i j | j qf ur j sy 0N<sub>q</sub>u<sub>5</sub>u<sub>5</sub> w<sub>h</sub>2 0<sub>5</sub>o Sqs oSr J qqw<sub>j</sub> S<sub>l</sub> S<sub>u</sub>. 737+ uu092/  
 970 myux=1li t r w 132 0; 72514; 75: 22; /4247 007/8:

340 e x w<sub>x</sub> ú qö3 N<sub>5</sub> Z öq q' qö qö3 U<sub>5</sub> Túmëú qö3 Y<sub>4</sub> \*4247-0  
 Fnfqj s l j x rs Svt n<sub>rs</sub> l rs k<sub>w</sub> fyt ts H<sub>5</sub> i j | j qf ur j sy. uu05: 7/  
 5: ; 0 myux=1li t r w 132 02291; 9: /5/253: 4432/2e85

... .  $\mathbb{H}^j$  ... =

2

bj p<46A4868; Das ~~un~~ rC7846B4868; Dj qsqls rC8=46B4868;



MXRCvUqjC5ru4bu564B;695B;9A66B3868;4B4=3?=

**fSP TZe fTfgf TaZLWQdLY Pi a dV LZO Pha Wgf TaZ a Q  
Pgda l aZPY aZPfLdk baWnk**

**SrD©erbxD©q**

Dw j sfs Vfyj Xsrlj wry« tkHtstr rhx

SmGOrs Hhtstr rhx. Qj hyzv w

xfw x«fs229C1 r fmpt r

RUFLG LG=muyux-1twhi Gw 12222/2224/3942/6825

Ls Marta Whj Hzwt »tsj & r tsj yfw ut qh«. It |j wsj i g« ynj  
Hzwt ujfs Fjsyfwq Efsp \*HFE+ frr x yt r frysfrs uwthj xyfgray«  
ymtzl mf zsrkj i kfr j ~twp yfw j ysl rs kfyts gj q ~ gzy hq xj yt  
4(0Nj « kj fyzv x rs hq i j ynj xj ufwfyts uwshnuq. i nysl z nmsl  
r tsj yfw ut qh« ktr ksfshrfq xyfgray« r jfxzv j x. fsi ynj  
rs hwy fxsl rr ut wfsj t kxhfq/r tsj yfw ht tw rs fyt s rs q ~ wfy  
js |nts r jsyx0Whj HFE zxj x tt q xz hmf x Tzfsyyfyrlj Hfxsl fsi  
fi o xj i rs yj w xyfw yj x yt wj xut si yt j htstr rhxnt hpx. r t xyst yf gq  
i zws l ynj FRYLG/3; hwxnx0Kt ~j |j w xyw hzywf qqr ryfyt s / qpj  
hts xywfrs j i kxhfq ut qh« fsi ynj »j w q ~ j w gtzsi / mf |j  
hmf qj s l j i ynj HFE & j kqj hyj sj xx0 Uj hjsy wj kt w x yt nyx  
t uj wfyts fqkfr j ~twp wj kqj hyj kkt wj yf fuyfx ynj Hzwt x«xyj r x

gfqshj xmj ystw fqpj x. jsxzwsl kj' grqyks f i rj wj j htstr rh  
zsnts0

VvDL 7buDE Hzwt tsj. HFE. rs kqyts. r tsj yfw utqh. kxhfq  
httw rs fyt. rs yj wj xywfy x

UPWt 7uvDEH/3. H74. H7: . H84

dvDrLty rzP DEWmx wj xj fwhmfrr x yt fsfqj ynj rs xyyz ytsfq  
kwfr j~twp. utqh. yttq. fsi j|tqrs1 hmfqj slj x tknj Hzwt tsj x  
r tsj yfw utqh. kthzxrs1 ts ynj HFE x wtqj rs jsxzwsl xyfgrqy  
fr n j htstr rh i rj wj shj 0

dvDrLty 77hvDEWmx wj xj fwhmtkj wks st |j qrsxh mx rsyt ynj  
HFE x j|tqrs1 utqh. kwfr j~twp. mli mqi mysl ynj gqwy i  
gtzsi fwj x gj y-jjs r tsj yfw fsi ksfshrfqxyfgrqy. fsi j'fr rsrs1  
ynj rs ywqf g j y-jjs kxhfqhts xywfrs yx fsi zshs |j s ytsfq utqh  
yt t q0

### WtDrLty Lv hzL

ls sf|n fysl ynj htr uq'ryj x tk ynj lqgfq ksfshrfq  
js|nts rjsy. ynj lji j wq Uj xj wj kfj x ynj xt/hfqi ksfshrfq  
ywqj r r f. ~mhm fxxj wj ymfy ry rx rr utxxrgj yt xrr zqfsjtzxq  
fhmj |j ymj tgg hyrj x=f kqj i j'hmfs1j wfy. fs rsij ujsijsy  
r tsj yfw utqh. fsi kqkqj i tr tkhfufqr t|j rjsy \*j wsfyf.  
4242-0 Wmx ywqj r r f zsi j wktw x ynj rs nj wj sy ywfi j/t kx fsi  
i j hrxts/r fprsl hmfqj slj x ymfy hjsywfq gfspx jshtzsy w rs fs  
rs ywhtssj hyj i ~twqj 0 Wj lji x fuuwtfhm yt r fsfl rs1 ynj xj  
ywfi j/t kx / g uwtwysl r tsj yfw utqh rsij ujsijsj fsi  
hfufqr t grqy ~mij fap~rs1 ry j' hmfs1j wfy yt kqfy/ mli mqi my  
ry kthzx ts r frysfrs1 i tr j xyh j htstr rh xyfgrqy fsi  
wj xut s xrlj s j xx yt lqgfq ksfshrfqhtsi ytsx \*j mnj y fqp 4246-0

Wj j | tqsl sfyzj tk l qgfq ksfshj. hnfwfhyj wj i g« wfuri  
rsst|fyts fsi zsuwj i hfygj j htstr rh xnt hpx. sj hj xxnyfj x f  
wj |fqfyts tkwfi nytsfqr tsj yfw ut qh« yttq fsi xwfyj l j x0Wj  
l j i x zxj tk rsyj wj xy wfj fi oxyr jsy fsi vzfsyfnyj j fxsl  
wj k j h y f szfshj i fsi fi fuylj fuuwtfhmyt ut qhkr fprsl 0

lsyj wj xysl q. xsl hj xtr j j r j w sl r fwj yx / ufwyhzcwq Fmsf  
/ mflj fhhzr zqj i xzgxyfsyfquj xj wj x tk X0/0i t qfw. ynj « mflj  
gj ht r j r twj xj sxyrj j yt hnfslj x rs ynj X0/0 j htstr «0 Nj «  
ksfshrfq ywfsxr xxsrt hnfssj q rs hqj i ynj rs j xyr jsy hnfssj q  
\*D|i qj | j yf 423, +fsi ynj h y i yhmfssj q\*PhFfzj « j yf 4237+  
gt ym t k ~mhmj r umfxnj ynj rr ut wfsj t k ksfshrfq ht si nytsx.  
j xuj hrfq X0/0 rsyj wj xy wfj x0Wj wt qj t k j ' hnfslj / wfi j i kzsix  
\*HW x+fx ht si znx kt w hwt xx/gtwj w hfufq kq ~x / fsi ynzx fx  
fr uqkqj w t k j r j w sl r fwj yx <j' ut xwj yt ynj l qgfq ksfshrfq  
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j ' y s xrt tktzwr tijq ~j fsfq»j nt ~ i tr j xyh j vzn « r fwj yx  
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J qgfql wt ~ymrx uwt qhj i yt xq ~ ktr 50' uj whj sy rs 4244 yt  
50' uj whj sy rs 4245 fsi 40 uj whj sy rs 42460 Wj xj uwt qhj ytsx  
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fsi ynj kt wj hfxykt w4246 mfx gjjs wj | xj i it ~s g« 20 uj whj sy flj  
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| twfj fshj i j htstr j x. | wt ~ymrx j' uj h y i yt i j h j q w f j ktr 408  
uj whj sy rs 4244 yt 30' uj whj sy rs 4245 fsi 306 uj whj sy rs 4246.  
wj k j hysl xwtsl j w y mfs / j' uj h y i r tr j s y zr rs ynj Xsryj i Vfyj x  
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J wt ~ym rs j r j w sl r fwj y fsi i j | j q u s l j htstr j x x  
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uj whj sy rs gtym 4245 fsi 42460 Whj 4246 ktwj hfx y rs hqj i j x f i t~s~fw wj | rxts tk 20B uj whj syflj utrsy. uwr fwq i zj yt ynj ts l t rsl uvtuj wj xj hyt w hwxix rs Fmsf0 Pj i nzr /j wr l q gfq l wt~ym rx ktwj hfx y fy 50B uj whj sy / rjx q~j xy q | j q rs i j hfi j x / mli mli mysl ~j fp uvt xuj hrx kwr fs « htzsywj x yt hts | j w j yt~fw mli nj wqj rs l xyfs i fw x0

J q gfq rs kfyts rx uvt q hyj i yt i j hqsj xy fi rj. ktr : 0 uj whj sy rs 4244 yt 80 uj whj sy rs 4245 fsi 70 uj whj sy rs 42460 Kt~j | j w ynj ktwj hfx y kt w 4245 fsi 4246 mf | j gj s wj | rx i zu~fw g« 20B fsi 20B uj whj syflj utrsy. wj xuj hyqj q0ls r t xy hfx j x. rs kfyts rx styj 'uj hyj i yt wj yzws yt yfw j y q | j q zsy 4247 \*lsj wsfytsfq Ptsj yfw l zsi . 4245-0

### fyv Pvqjwqjw

Whj r j ynt i t q l « j r uq « xzfqfyrj fsfqxnx tk HFE wj ut wj. ut qh « ufuj wj. fsi rs y wj xy wfy i fyf yt j 'fr rsj rs x yz ytsfq kfr j ~t wpx. ut qh « yt q. fsi j | t q rsl r tsj yfw xwfyj l j x rs wj xut s xj yt j htstr rh i rj w j shj 0

### Tqjwqjw

Whj j xyf gqxmj jsytkymj Htstr rh fsi Ptsj yfw Xs rts \*HPX+ r fwqj i f xrl s rkhfsyr nj xtsj rs ynj Hzvtuj fs rsj l wfyts uvt hj xx. hzq rs fysl rs ynj hwj yts t k ynj j zwt fsi ynj hjsyfwqj i r tsj yfw fzynt wj t kymj Hzvtuj fs Fj syfqEfsp \*HFE+0Vrsj rjx rs hj uyt s rs 3 ; ; . ynj HFE mfx t uj wfy i ~ymf uwr fw r fsi f yj yt r f rs yrs uwhj xyf gqy « f hwt xx ynj Hzvt tsj. f wj l rts hmf wj wj i g« ht s xri j wfgj j htstr rh. kxhfp fsi ut qyhfq i rj wjy 0 Whj HFE x zsrkji r tsj yfw ut qh « kfr j ~t wpx j px yt

r fsfl j rs kqyts. rs yj xy wfj x. fsi ks fshfq htsi ytsx rs f r fssj w ynf y xzuut w xzxyf rs fgj l wt ~ym0 Kt ~j | j w ynj i «sfr m sfyzw j tk l q gfq ks fshj. wj hzwrs l hwxj x. fsi xywz hyz wfq rr g f fshj x mfj hts xxyj syq yj xy i ynj fi fuyf grqk fsi j kqj hyr j sj xx tk ymx kf r j ~twp0

R | j w ynj ufx y ~t i j hfij x. ynj HFE mfx mfi yt wj xutsi yt f xj wj x tk r fhwt j htstr m xmt hpx. rs hq i rs l ynj l q gfq ks fshfq hwxix. ynj xt | j wj l s i j gy hwxix. fsi r t xy wj hjsyq. ynj FRYLG/3 ufsij r m0 Wj xj j | j syx mfj kt whj i f wj /j 'fr rs yts tk hts | j sytsfq r tsj yfw ytsq. uzxms l ynj HFE yt i j uq « sts/ xyf si fw r j fxzwj x xzhm fx vzfsy yf yj j f xrs l \*THt. kt w-fwi l z n fshj. fsi sj l f yj rs yj wj xywfj x0l z wnj wr t wj. ynj rs yj wfhyts gj y-jjs r tsj yfw fsi kxhfq ut qh « mfx l f rs j i rs hwj f xj i rr ut wfshj rs f q ~ /rs yj wj xy/wfj js | mtsr j sy. m1 m2 m3 l ynj qr nyf yts x tkf r tsj yfw zsrts ~yntzy kzqkxhfqrs yj l wf yts 0

Wmx xyz i « j 'fr rs j x ynj rs xy yz yts f qj j x l s. ut qh « rs xywz r j syx. fsi xywfj l rh j | t qyts tk ym HFE x r tsj yfw ut qh «. j 'uq w s l nt ~y mfx fi fuy i yt x m k y s l j htstr m htsi ytsx ~m j sf | l f y s l ynj hts xywf rs yx rs m j wj sy rs f i r j wj. r z q yts j htstr m gq h0 Sf w y hz q fw k t hz x rx uqf h j i ts wj hjsyj kt w x fsi ynj rwrr uqf yts x kt w k y wj ut qh « kq 'rg r qy « fsi ks fshfq xyf grqk rs ynj Hwt »tsj 0

## dvDrHty EvDlue

Wj r tsj yfw ut qh « tk Hwt »tsj ht zsyw j x rx hmwfhyj wnj i g « xj | j wfq rs xy yz yts f qfsi t uj wf yts f qj f yz wj x ynf ym f j j | t qj i x s h j ynj j xyf gq x m r j sy tk ynj Hhtstr m fsi Ptsj yfw Xsrts \*HPX-0 Wj xj kq f yz wj x fw xmf uj i g « ynj Hwt uj fs Fj sywfqEf spk \*HFE+ r fsi f yj yt r f rs yf rs uw h j xyf grqk f hwt xx ynj Hwt f wj f 0

30Xs~~rkj~~i Ptsjyfw St~~qh~~ I wfr j~twp=W~~hj~~ HFE rr uqrjsyx f  
xrs l qj r tsjyfw ut~~qh~~ k~~wf~~q~~h~~wt~~tsj~~ htzsyw~~j~~x. frr rs l yt fhmj |j  
fs rs k~~q~~yts w~~fy~~ gj q~. gzyh~~q~~xj yt. 4( t |j w~~yn~~ r j i n~~r~~ yj wr O~~W~~nx  
zs~~rkj~~i fuuvt~~fhm~~nx rs y~~s~~i j i yt r f~~rs~~yfrs uwhj xyfgr~~q~~y~~q~~ fhw~~xx~~ y~~n~~  
wj l~~ts~~OKt~j |j w y~~n~~ j k~~j~~ hy~~l~~j s~~j~~ xx t k~~y~~nx ut~~qh~~ hfs gj rs k~~q~~j shj i  
g~~q~~ y~~n~~ j htstr rh ht~~s~~i y~~ts~~ sx tk rs i q~~n~~zfq r j r gj w x~~fy~~j x0 l~~tw~~  
rs xyfshj. htzsyw~~j~~x ~nym m~~l~~ nj w i j gy q |j q r f~~q~~ k~~fh~~j hmfq~~q~~slj x rs  
f~~q~~ts rs l ~nym y~~n~~ HFE~~q~~ ut~~qh~~ xyfshj \*Hzwtujfs FjsywfqEfsp0  
4242-0

40Vj uf w~~fy~~ts Swshnu~~j~~ fsi l rs fshrfqyfgr~~q~~y~~q~~=W~~hj~~ HFE fi n~~j~~ w~~j~~x  
yt y~~n~~ \$j uf w~~fy~~ts uwshnu~~j~~ . \$ ~m~~hm~~ ut x~~yx~~ y~~nf~~y r tsjyfw ut~~qh~~  
xnt z~~q~~ k~~h~~z~~x~~ ts uwhj xyfgr~~q~~y~~q~~. ~m~~q~~ k~~s~~fshrfqxyfgr~~q~~y~~q~~ n~~f~~ i w~~j~~ xx i  
y~~nt~~z l m r fhw~~tu~~z i j syfqr j fxz~~w~~j x0 W~~nx~~ uwshnu~~j~~ xz l l j y~~x~~ y~~nf~~y  
y~~n~~ HFE~~q~~ fhy~~ts~~ xt x~~f~~k~~j~~l z~~fw~~ k~~s~~fshrfqxyfgr~~q~~y~~q~~ s~~j~~ i st y rr u~~rs~~ l j  
ts y~~x~~ fgr~~q~~y~~q~~ yt r f~~rs~~yfrs uwhj xyfgr~~q~~y~~q~~OKt~j |j w rs uwfhy~~hj~~ . y~~n~~  
i n~~xy~~shy~~ts~~ gj y~j j s r tsjyfw fsi k~~s~~fshrfqxyfgr~~q~~y~~q~~ t g~~q~~ hy~~l~~j x m~~fx~~  
gj ht r j q xx h~~q~~fw j xuj hrfq~~q~~ i z~~ws~~l uj w~~t~~i x t k j htstr rh x~~w~~j xx0  
l~~tw~~j 'fr u~~q~~ . i z~~ws~~l y~~n~~ FRYLG/3, ufsijr rh. y~~n~~ HFE~~q~~ Sfsijr rh  
H~~r~~ j w~~j~~sh~~q~~ Szw~~hmf~~xj S~~w~~l w~~f~~r r j \*SHSS+ frr j i yt xyfgr~~q~~y~~q~~  
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50 lsjywfhy~~ts~~ ~nym l n~~xf~~q St~~qh~~= ls f q~ / rs yj w~~j~~ xywf~~y~~  
j s | n~~ts~~r j sy. y~~n~~ rs yj wfhy~~ts~~ gj y~j j s r tsjyfw fsi k~~xhf~~qut~~q~~hj x  
gj ht r j x r twj uw~~t~~tzshj i 0 W~~hj~~ HFE m~~fx~~ j r umfxn~~q~~j i y~~n~~  
rr ut w~~yf~~shj t k k~~xhf~~q ut~~qh~~ rs xzuutw~~ys~~l j htstr rh xyfgr~~q~~y~~q~~.  
uf w~~yf~~h~~z~~q ~m~~q~~s rs yj w~~j~~ xywf~~y~~ j f~~w~~ fytwsj f~~w~~yn~~j~~ > j w~~q~~ ~j w~~gt~~zsi 0  
l~~tw~~rs xyfshj. HFE gt f~~w~~ r j r gj w~~lx~~fgj qVhmsfgj qm~~l~~ m~~q~~l m~~j~~ i y~~nf~~y  
rs xzhm~~j~~s | n~~ts~~r j syx. k~~xhf~~qj 'ufs~~x~~ts n~~x~~i n~~u~~j s x~~f~~g~~q~~ yt x~~z~~xyfrs

i j r fsi fsi r nyfj qsl /j wr ht xxy0 Vnj styi ymfy xwtsl  
htr uqj r jsyfwyj x gj y-jjs kxhfqfsi r tsj yfw ut qhj x hfs nj q  
qly ynj j zwt fwj f j htstr « tzy tkq ~ /l wt ~ ym q ~ /rs kqfyt s ywfx  
\*Kt kr fss j yf 42430

60 Tzfsyfyrj Hfxsl \*TH+ fsi St qh<sup>h</sup> Wt q= Wij HFE mfx  
zyqpij stx/xfslw r tsj yfw ut qh<sup>h</sup> yttq. xzhamfx Tzfsyfyrj  
Hfxsl \*TH+ yt fii wj xx j htstr rh hmfcqslj x0 TH rs|tqj x ynj  
uzwhmfxj tk ksfshfqfxxj yx yt rsqhy qvzri ny rsyt ynj j htstr «.  
ynj wj g<sup>h</sup> q ~ j wsl rsy wj xy wfy x fsi j shtzwfl rs qsi sl fsi  
rs|j xyr j syOWij HFE & THwutlwfr x mflj rsqj i ji qwj/xhfqj fxxj y  
uzwhmfxj x. xzhamfx ynj Szgqh Vj hyt wSzwhmfxj Svtlwfr r j \*SVSS+  
fsi ynj Sfsi j r rh j wj sh<sup>h</sup> Szwhmfxj Svtlwfr r j \*SHSS+OWij xj  
r j fxzwj x frr yt xzuutwyj htstr rh fhyj ny fsi j sxzwj ynj xr ttym  
ywsxr nxxts tkr tsj yfw ut qh<sup>h</sup> fhwtxx ynj Hwt fwj f \*Rwumfsnij x0  
42390

Wij j zwt ~fx qzshnj i ts 3Mszf w 3 ; ; . ~mjs ry gj hfr j ynj  
hzwj sh<sup>h</sup> tkr twj ynf 522 r mts ujt uqj rs Hwt uj 01 twynj kwky  
ymj j ffwk ry ~fx fs rs|nrgj hzwj sh<sup>h</sup>. tsq zxji ktwf hhtzsy sl  
uzwutxj x. j 00 rs j qhyt rs ufr j sy0 Hwt hfxm ~fx sty  
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hts|j wts wfy x. ynj gfs psty x fsi ht rs x tk ynj sfytsfq  
hzwj shj x qpj ynj Ej qfj fsi ksfsh fsi ynj Gj zyhnj PfwpOWif «.  
j zwt gfs psty x fsi ht rs x fwj qlfqj si j wrs 42 tk ynj 49 Pj r gj w  
Vfyj x tk ynj Hwt uj fs Xs ts. rsqj i sl ynj t |j wj fx i j uf wj j syx.  
yj wwy wj x fsi nqfsi x ~mthmf wj j ynj wuf wyt k twf xxt hfr yj i ~ym  
j zwt fwj f htzsyw j x0 Wij xj htzsyw j x kwr ynj j zwt fwj f 0 Wij  
r rhwt /xyfj x tk Ds i twf. Ptsfht. Vfs Pfws fsi Yfyrhfs Fyq fqt  
zxj ynj j zwt. ts ynj gfs x tk f kwr fq fwfsi j r j sy ~ym ynj

Hwt uj fs Xsits0Ptsyj sjlwt fsi Nt xt | t qpj ~nj zxj ynj j zwt . gzy ~nynt zyf kt wr fqfwfslj r j sy0Ffxmuf «r j syx fwj st ~ r fi j rs ynj xfr j hzwj sh« g« fgt zy 572 r mts uj tuq / j zwt gfs pstyj x fsi ht rs x mf | j g j ht r j f yfs1rgj x«r gt q t k Hwt uj fs rsyj l wfyt s \*Hwt uj fs Fj sywfqEfs p04247-0

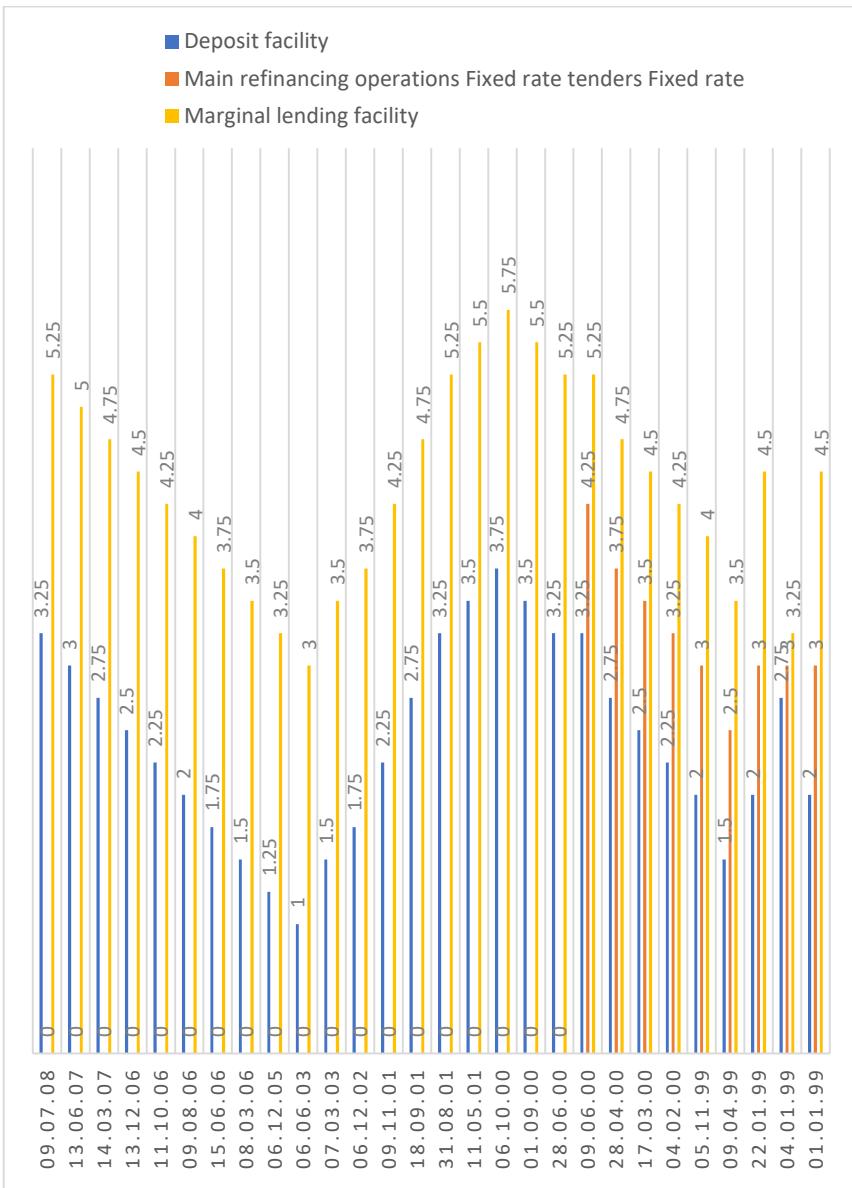
Dqj HX ht zsywj x j' huj Gj sr fwj. ~mhm nfx fs tuy/tzy. fwj j' uj huj i yt d rs ynj r tsj yfwk zsits fsi yt rsynt i zhj ynj j zwt fx xt ts fx ynj « kzdqyngj hts | j wj shj hwyj wfj 0

Wj J t | j ws1 Ftzshraqt k ynj HFE xj yx ynj pj « rsyj wj xy wfj x kt wnj j zwt fwj f0Wj xj fwj fx kt qj ~x=

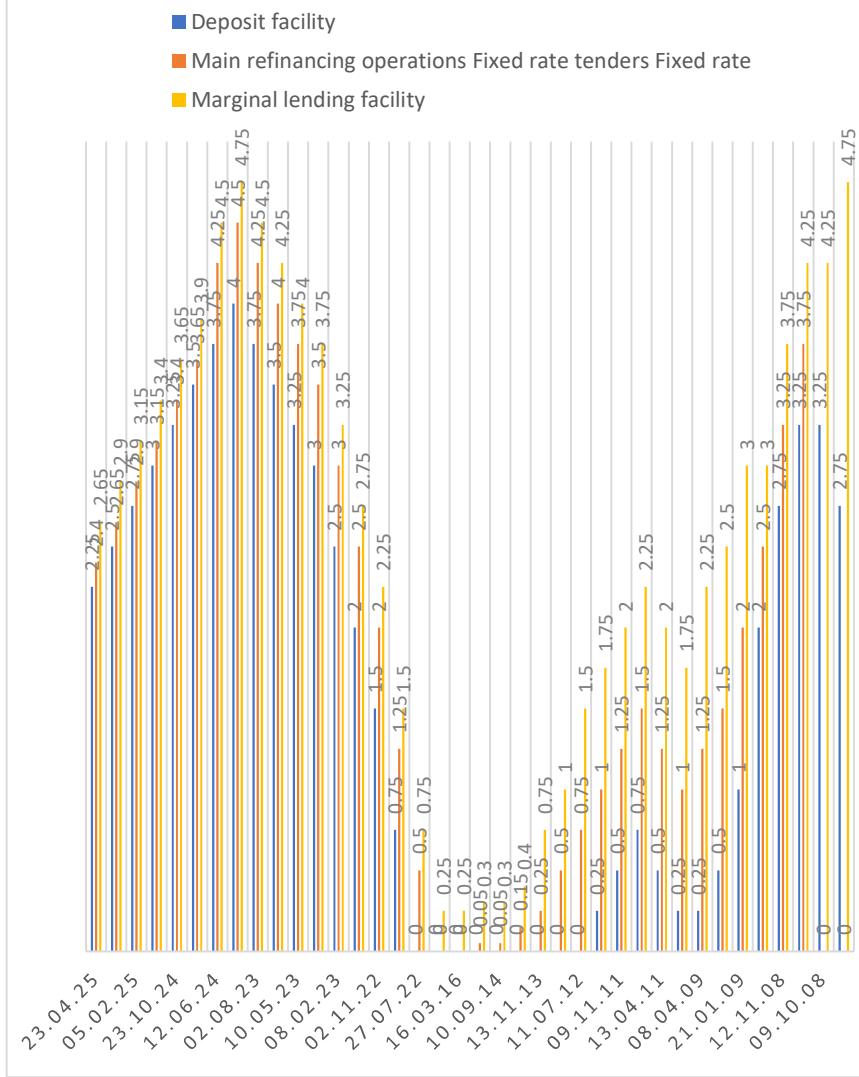
✓ Gj ut xry kfhrqy= Wj wfj ts ynj i j ut xry kfhrqy. ~mhm gfs px r f « zxj yt r fpj t | j ws1 my i j ut xry ~nym ynj Hwt x«xj r fy f uwj / xj y rsyj wj xy wfj 0Wj J t | j ws1 Ftzshraqj hni j i rs Pfwhm 4246 yt hts yzj yt xj j wnj r tsj yfwk ut qh« xyfshj ymt zl m ymx wfj 0

✓ Pfrs wj ksfshs1 tuj wfyt s x= Wj rsyj wj xy wfj ts ynj r frs wj ksfshs1 tuj wfyt s x0ls ynj xj tuj wfyt s x gfs px hfs gt wnt ~kzsi x ktr ynj HFE fl ffrs xy gwt fi ht qfj wfqts f ~jj pqk gfrx fy f uwj / i j y wr rsj i rsyj wj xy wfj 0Wj wfj rx xj y fgt | j ynj i j ut xry kfhrqy wfj 0

✓ Pfwr sfq qj si rs1 kfhrqy= Wj wfj ts ynj r fwrsf qj si rs1 kfhrqy. ~mhm t k j wj t | j ws1 my huj i ry yt gfs px fl ffrs xy gwt fi ht qfj wfqfy f uwj / xj y rsyj wj xy wfj 0Wj wfj rx xj y fgt | j ynj r frs wj ksfshs1 tuj wfyt s x wfj 0



*Syv úu 85Xu RPO ýo uúu úq u 8FFF477E*



*Syw úu 95Xu RPO yö uúu úq u 977E4979B*

ls f i i ryts. I n z w j x 3 fsi 4 u w j x s y y j i «sfr rhx t k y n j Gj ut x y  
I f h r q y k. P f r s U j k s f s h r s l R u j w f y t s x \* I n j i U f y j W y s i j w k I n j i  
U f y j + f s i P f w r s f q Q s i r s l I f h r q y k w f y j x k t w y n j u j w t i x 3 ; :  
422: f s i 422: 4247. w j x u j h y r j q 0 W h j x j k t z w j x f w j g f x j i t s  
i f y f u z g q x n j i g « y n j H z w t u j f s F j s w f q E f s p f s i u w t | n j f  
h t r u f w f y r j t | j w l j ~ y n f y r f « t k j w r s x h l m y x r s y t y m j H F E &  
r t s j y f w k u t q h x m t k y x g j k t w j f s i f k y j w y n j I q g f q k s f s h r f q h w x x  
\* H z w t u j f s F j s w f q E f s p 04247-0

E j k t w j 32 P f w h m 4226 h m f s l j x y t y m j r s y w j x y w f y j t s y n j r f r s  
w j k s f s h r s l t u j w f y t s x ~ j w j . f x f w z q j . j k j h y r j f x t k y n j k w w y  
t u j w f y t s k t q t ~ r s l y m j i f y j r s i r h f y j i . z s q x x y f y j i t y m j w - n j 0 W h j  
h m f s l j t s 3. V j u j r g j w 4223 ~ f x j k j h y r j t s y n f y x f r j i f « O l w t r  
32 P f w h m 4226 t s ~ f w i x . y m j i f y j w j k j w k g t y m y t y m j x y f s i r s l  
k f h r q y j x . r q O y m j i j u t x y f s i r f w r s f q q j s i r s l k f h r q y j x . f s i y t y m j  
r f r s w j k s f s h r s l t u j w f y t s x \* ~ y m h m f s l j x j k j h y r j k w t r y m j k w w y  
r f r s w j k s f s h r s l t u j w f y t s k t q t ~ r s l y m j J t | j w s r s l F t z s h r q  
i j h x r t s + z s q x x t y m j w - n j r s i r h f y j i 0

30 R s 44 G j h j r g j w 3 ; : y m j H F E f s s t z s h j i y n f y . f x f s  
j ' h j u y t s f q r j f x z w j g j y - j j s 6 f s i 43 M s z f w k 3 ; ; . f s f w t ~  
h t w w n i t w t k 72 g f x n x u t r s y ~ t z q j g j f u u q j i g j y - j j s y m j  
r s y w j x y w f y j x k t w y n j r f w r s f q q j s i r s l k f h r q y k f s i y m j i j u t x y  
k f h r q y k . f n r j i f y k f h r q y f s l y m j w f s x y r t s y t y m j s j ~ w j l n r j g «  
r f w p j y u f w y h n u f s y x o

40 R s : M s j 4222 y m j H F E f s s t z s h j i y n f y . x y f w y s l k w t r y m j  
t u j w f y t s y t g j x j y y j i t s 4 : M s j 4222. y m j r f r s w j k s f s h r s l  
t u j w f y t s x t k y n j H z w t x x y j r ~ t z q j g j h t s i z h y j i f x | f w f g q  
w f y j y s i j w 0 W h j r r s n r z r g n w f y j w j k j w k y t y m j r r s n r z r  
r s y w j x y w f y j f y ~ m h m h t z s y j w u f w y j x r f « u q h j y m j w g n x o

50 Dx tk; Rhyt gj w422: . ynj HFE wj i zhj i ynj xyf s i rs l kfhrayj x ht wni twktr 422 gfaxx ut rsyx yt 322 gfaxx ut rsyx fwtsi ynj rsyj wj xywfyj ts ynj r f rs wj ksfshs l tuj wfyt sx0

60 Rs : Rhyt gj w422: ynj HFE fsstzshj i ynf y. xyfwys l ktr ynj tuj wfyt s yt gj xj yj i ts 37 Rhyt gj w422: . ynj ~jj pq r f rs wj ksfshs l tuj wfyt sx ~tzq gj hfwyj i tzy ymwlz l mf kij i / wf yj yj si j wuwt hj i zyj ~ymkzqffqf yr j syfy ynj rsyj wj xywfyj ts ynj r f rs wj ksfshs l tuj wfyt sx0 Wnx hmfsl j t|j wti j ynj uwj |rtzx i j hrxts \*r fij ts ynj xfr j i f «+yt hzy g« 72 gfaxx ut rsyx ynj r rs m zr gni wf yj ts ynj r f rs wj ksfshs l tuj wfyt sx htsizhj i fx |fwfgj wf yj yj si j w0

70 Rs 35 Pfhwm 4246 ynj HFE fsstzshj i hmfsl j x yt nyx tuj wfyt sfq kf r j ~t w ktw nr uj r j sy s l r tsj yfw ut qh«0 Hkj hyrj 3: Vj uj r gj w4246. ynj xuwj fi gj y-jj s ynj wf yj ts ynj r f rs wj ksfshs l tuj wfyt sx fs i ynj i j ut x y kfhrayk wf yj ~fx wj i zhj i yt 37 gfaxx ut rsyx0 Wj wf yj ts ynj r fw rsfq qj s i rs l kfhrayk ~fx fqt fi ox yj i xzhm yf ymj xuwj fi gj y-jj s ynj wf yj ts ynj r fw rsfq qj s i rs l kfhrayk fsi ynj wf yj ts ynj r f rs wj ksfshs l tuj wfyt sx wj r f rs x zshmfsl j i fy 47 gfaxx ut rsyx0 Wj r f rs wj ksfshs l tuj wfyt sx htsy s zj x yt gj htsizhj i ymwlz l m kij i / wf yj yj si j w ~ymkzqffqf yr j sy fl f rs xy gwt fi ht qf yj wf qf

I t qf ~rs l ynj l q gf q ksfshf q hwxnx. ynj j zwt fwj f xz k j yj i f r zhm i j j uj wfsi ut w f hyj i xq r u ynf s ynj Xs yj i Vf yj x0 Ds nr ut w f sy wj fxt s ktw ym x i rkj wj shj rx ynf ygt ym kx hfq fsi r tsj yfw ut qhj x nf j j g j s r twj wj xyw h yj j rs ynj j zwt fwj f. i j xurj ynj xnr r fw s f y wj t k ynj rs ynf q r f h w t j ht s t r nh xmt hp0 Rs ynj kx hfq xij. ynj ~j fp ut qh« wj xut s xj ~fx i zj yt rs x y yz yt s f q h t s x w f rs yx=

Wj kxhfq kfr j~twp tk ynj jzwt fwj f htsxwfrsx ynj utqhk tk  
rsi nizfqrjr gj wxyfjx fsi htsyfrsx st rsxwfrj syx yt jsxw  
ymfy ynj fllwjfj kxhfq xyfshj tk ynj jzwt fwj f hfs gj  
fuuvt uwfyj q htzsy whqhf0Dx f htsxj vzjshj. ynj t|j wfqpxyfshj  
tk kxhfqut qhk rs ynj jzwt fwj f ~fx rsxzkhrj syq j' ufsxrtfwk t|j w  
422: /422; fsi rsfuuvtuwfyj q ht s yfhyt s fwk t|j w4233/42360Rs  
ynj r tsj yfw utqhk xni. ynj rsxnyzr t sfq kfr j~twp tk ynj HFE  
fqt~x. rs uws hnuj. ynj f i t uyt s t kynj r tsj yfw utqhk xyfshj r txy  
fuuvt uwfyj ktwnj jzwt fwj f fx f ~ntq. yfprsl rsyt f hhtzsy ynj  
kxhfqut qhk xyfshj ktwnj jzwt fwj f fx f ~ntq 0 lk ht s yfhyt s fwk  
kxhfqut qhk ht s ywrgzj xyt i nrs kfr t sfw ht s h j ws x. r tsj yfw utqhk  
hfs ht r uj sxfj ~nymfi i nyt s f qut qhk f hht r r t i fyt s 0

Qtsj ynj q xx. hts|j s y t s f q r tsj yfw utqhk jfxrs1 ~fx  
ht s x w f r s j i g ynj j w t q ~ j w g t z s i f s i H F E utqhk ~fx nfr uj w j i  
g ynj z s r v z j h m f q s l j x f x x t h r f y j i ~ y m y n j k x h f q m u q h f y t s x t k  
v z f s y y f y l j j f x r s l \*T H + utqhj x rs ynj jzwt fwj f 0 D x hfs gj x j s  
ktr ynj yfgj. r tsj yfw utqhk j s y w j i f uj w t i t k y n j s r s l ktr  
ynj jsi tk 4244 yt r n /4246. fsi xzgxj vzj syq jfxji g  
fuuvt' r f y j q 3047 yt 3097 uj whj s y f l j ut rs y g ynj jsi t kynj k w k y  
v z f w y j w t k 42470

Wj J t|j wsrs1 Ftzshrqtkynj Hzwtujfs FjsywfqEfsp \*HFE+  
ytif i j h n i j i ts h m f s l j x y t ynj t u j w f y t s f q kfr j~twp kt w  
r u j r j s y s l r tsj yfw utqhk yt j s x w j y m f y ynj kfr j~twp  
w j r f r s x f u u v t u w f y j f x ynj Hzwt x x y j r g f q s h j x n j j y s t w r f q x j x 0

ls Gj h j r gj w4244. ynj J t|j wsrs1 Ftzshrqfsstzshj i f w j | j ~  
t kynj t u j w f y t s f q kfr j~twp kt w x y j w s l x n t w y j w r rs y j w y x w f y j x  
rs ynj jzwt fwj f 0 W i f x i j h x r t s x j x y f g q x m p j u w s h n u j x f s i  
u f w f r j y w k t w r u j r j s y s l r tsj yfw utqhk fsi u w t | n r s l

hj sywfqgfs p qvzn ry« fxj ' hj xx qvzn ry« rs ynj gfs p rs l x«xyj r . ~mij  
vj r f rs l x l s rk hfsy t | j w ynj htr rs l «j fwk. l wfizf opk i j hqsj x  
\*Hzwt uj fs Fj sywfqEf sp04246-0

## Nئات ولقئا

Wj j | t qyts t k ynj Hzwt tsj x r tsj yfw ut qh« zsi j wkt wj x  
ynj Hzwt uj fs Fj sywfqEf sp x \*HFE+hj sywfqvt q rs r fsfl rs l uw hq  
xyfgray« fr n f htr uq'. rs yj l wfj i «j y j htstr rhf opk i rj wj  
r tsj yfw zsi ts OVi hqj nyx j xyfgray j sy. ynj HFE nfx fi fuyj i yt  
zsuw hqj i j sy i r fhwt htstr rh hqf qsl j x / ktr ynj l qf q  
k s f shf q hqj x y t ynj FRYLG/3 ufsi j r rh / g« j r uq «rs l fs  
rs hqj fxrs l qk kq ' rgj fsi j ' ufsxrl j yt qpy ynf y rs hqj i j x sts/  
xyf si fw rs xwzr j sy xz hm fx vzfs ynf y j fxrs l \*TH: kt w-fw  
l z n f shj. fsi sj l f y j rs yj wj xyw yj x OVi xj fi fufyts x n f j g j s  
hw hqf qrs r fsyf rs l k s f shf q r fwj y xyfgray fsi j s xz wsl ut qh«  
ywf s x r xx ts f hwt xx r j r gj wxyf y x0

Kt ~j | j w ynj HFE ht s yz j x yt t uj wfj ~ym rs f z s v z j  
rs x yz y t s f q x yz h yz wj ynf y gt ym j r ut ~j w fsi ht s x w f rs x nyx  
j k j h y r j s j xx0 Wj xj u f w f y t s u w s h u q j . ~mij ynj t wj y rhf opk  
u w j x w rs l ynj rs yj l w y t k r t s j y f w fsi k s f shf q xyfgray«  
k z s h y t s x. nfx gj htr j rs hqj fxrs l qk g q w y j i i z w s l h w x j x.  
s j h j x x y f y s l r t wj rs yj l w y j i f u u w t f h m j x O P t w y t | j w ynj qf hp t k f  
hj sywfqj i k x h f q f z y t w y k q r nyx ynj Hzwt tsj x f gray« yt  
rr u q j r j s y f h t w i rs y j i h t z s y w h q h f q k x h f q x y f s h j . u q f h s l  
j ' h j x x r l j g z w j s t s r t s j y f w u t qh« / j x u j h f opk rs q ~ w f y j  
j s | w t s r j s y x ht s x w f rs j i g« ynj »j w t q ~ j w g t z s i 0

Uj h j s y w j k t w x yt ynj HFE x t uj w f y t s f q k w f r j ~ t w p. rs h q j i rs l  
fi a x y r j s y x yt nyx rs yj w j xy w f y j ht w w i t w f s i q v z n ry« u w t | x t s

r j hmfs ixr x. wj kj hy f xywfj l rh urj t y ~fw i st wr f qf yts ~mj  
 r f rsyf rs l ymj fl r yk y t wj xut si yt kzy wj xmt hpx0Wwj xj hmfs l j x  
 ml ml my ymj HFE x rsy s y t uwj xj wj ny r tsj yfw ut qh j kkrhf h  
 fx j 'hj xx qvz n yk i rr rsx xmj x0 Xgmr f yj q. xzxyf rsj i ut qh  
 j k j hyr j sj xx ~mj i j uj si ts hts yz j i rsxyzyt sfq j | t qyts.  
 i j j uj wkrhf q r tsj yfw ht tw rsyts. fsi ymj f gryk y t wj ht shqj ymj  
 i rj wj j htstr rh wj f qyj x tk r j r gj w xyfj x ~ymts f zsrkj i  
 r tsj yfw kfr j ~twp0

## dvwEvQtvDE

30 IP1. Z twj Hhtstr rh Rzyqtp Xui f yj . Mlszf w 4247. J qgfql wt ~y.  
 Grj wj s yfsi Xshj w yf rs.  
 myux=1~~~0r kq w 1j s 1Sz gqhf yts x1Z HR1lxzzj x142471231391~twj /  
 j htstr rh/tzyqtp/zui f yj /f szf w/42471

40 ls y w f ytsf q Ptsj yfw l zsi 0\*4245-0Z twj j htstr rh tzyqtp.  
 Rhyt gj w 4245=Qf | r f y s l l qgfqi rj wj shj x0  
 myux=1li t r w 13202: ; 1; 9; : 622457: 232: 3

50 N t zu 3d5Boú öe3g5Xesx3P5- dxjö3U5d5\*423; -0Wwj i t qfw  
 j 'hmfs l j wfj fx f l qgfq w x p k f hyt w=Hj n j shj ktr rs | j xyr j sy0RvO  
 Nqusuk w asinsu2=?3t. 373 3950 myux=1li t r w 13202791x6352: /  
 23; /22296/6

60 Peö uú u3[ 5Yu j u q y3R5- h y:yqá 3e5\*4242-0Qwu NcQh  
 o<qz: lys uzupoz t8o Sqwz q: qzs w s<stw8u <otysl h \*lsj w f ytsf q  
 l rsfshj Grhxzxxts Sfuj w Qt 0348: -0Et fw t k j t | j w s t w t k ym  
 l j i j wfqUj xj wj V<xyj r \*X0/Q0  
 myux=1li j fxQj uj hQ w 1u1ku1kj i l r 1348: 0yq q

70 Hzwt uj fs Fj s ywfqEfs p042440Wwj r tsj yfw ut qh xwfj l « t k ym  
 HFE0Uj ywj | j i ktr =  
 myux=1~~~0hgQ zwt ufQ z1uwj xx1pj «li f yj 142441myr dj hgQu4425249  
 : 25367: j fgQs 0yq q

80 Hzwt uj fs Fj s ywfqEfs p042450Ptsj yfw fsi krsfs hrfqxyf gryk hfs  
 ymj « gj xj ufwfj i BUj ywj | j i ktr =

myux=1~~~0 hg0 zwt ufg z1uwj xx1pj «li fyj 142451myr dj hg0u45273; 9  
i j 4k0; 2g3h0 s0myr q

90 Hzwt uj fs Fj sywfqEfs p035 P fwhm42460HFE fsst zshj x hmfsl j x yt  
ymj t uj wfyt sfqkwr j ~t wpt ktwrr uqj r jsyrl r tsjyfw ut qh«0  
Uj ywj | j i ktr =  
myux=1~~~0 hg0 zwt ufg z1uwj xx1uwlj fyj 142461myr dj hg0u462535e3  
qf5f72f; fii 0s0myr q

: 0 Hzwt uj fs Fj sywfqEfs p0\*4247+0Uj ywj | j i ktr =  
myux=1~~~0 hg0 zwt ufg z1xyfyx1ut qh«efs i ej' hmfsl j ewfyj x1pj «ej hg  
eisjyj xyewfyj x1myr qisij' 0s0myr q

; 0 *Túqöq q3Y5\*4242+0Pzsi j qpl qj r rs1 ywj r r f=Htqyts rs*  
jr j w rs1 r fwj yx00XlVV Xsrlj wryk0myux=1lj x0q rxx0y14; 5; 31

30 *Uëvá qöö3053Yéá rqút y3Z 5WZ eëö3053- J úñxqöyt u 3N5*  
\*4243+0l nxhfqfsi r tsjyfw ut qh« rsj wfhyts x rs f q ~ rsjyj xywfjy  
~t wq 0ELV Z t wpsl Sfuj wq Qt 0; 760Uj ywj | j i ktr  
myux=1~~~0qnx0w 1uzgq~t wq; 760myr

330 *Z sPq :u 3c 5/ 5Z sT yúu3a 5d x' ë3g5Z ysx qu:yt u 3N53-*  
*eqö uúy3E0\*4237+0j qf gq i t qf whqj i ny=0s px yt X0/Or tsjyfw*  
ut qh« fsi qj j wf1j 0Nqusuk wq *Yuzq*: 296\*: 4+ 3 9 44; 0  
myux=1~~~0qxt wq w 1xyf gj 148788; 45

340 *J úñxqöyt u 3N5\*4239+0Wj l nxhfqPtsjyfw St qh« P n rs ynj Hzwt*  
*Dwj f=F nfqj sl j x fy ynj \_j wt O ~j wEt zsi 0Hzwt uj fs Ftr r nxrt s*  
*Gnxhzxxrt s Sfuj w2820Uj ywj | j i ktr myux=1j htstr «/*  
*ksfshj q hq zwt ufg z1uzgqhfyt s xlkxhfqr tsjyfw/ut qh«/r n/j zwt /*  
*fwj f/hmfqj sl j x/»j wt/d~j w/gt zsi ej s*

350 *kuxú3P5Z qt zt 4qzqyt y3k53- dq:ux Vruö Ná á qú3Y5\*4246+0*  
Dx«r r j ywh m ufhx t kX0/Or tsjyfw ut qh« ts j r j w rs1 r fwj yx=  
Ftsyfl rs fsi r fhwtj htstr rh i j yw rsfsyx0Nlzwsfqt kHhtstr rh  
Dx«r r j ywj x. 4; . Dwyhj j 225760  
myux=1li t w 13202381NMF D042460+22576

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FRYLG/3; /

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bj p<WfrC6946B4B68; Das lñfrC7A46B4B68; Dj qqsqfrC684764B68;

f SP Teeg Pe a QQZLZNTZR Za Z1Qa d Y LWPOgNLf Ta Z

**SrDz@eryr@r4**

lsj wsfytsfqDhht zsyfshh Wfisrl Fjsyj  
H zhfytsfqzsi. Hj hzylj Grj hytw  
rfyhCrfyhCr

RUFLG LG=nyux=1twhi @w 1222; /2228/: 2; 5/976[

ls Marta Wfi nytsfqzsrjwryj jizhfyts n hzwj syk kfhsrl  
hj wfs hmfqj slj x0 ls ufwyhzqfw hmfslj uwt hxxrl is ynj  
wj vznj rjsyx tkymj fgtwr fwpyfj uwtl wj xxrj j is sfyzvj ktr  
ymj wj xzqjx tkymj nytsfqj i zhfyts0Wmx lfu n kqj i g ynj sts/  
ktwr fq jizhfyts xxyj r. ~mhm wj vznj x f xuj hrfq kzsrl  
j ht xxyj r 0Wj fwyrhj uwtut xj x xj |j wfqxywfj l jx yt n uwt |j ynj  
wfs l j t kksfs hrfqxt zwhj x ktws ts/ktwr fqj i zhfyts0

VvDl 7buDE xzuuqrj syfw jizhfyts. sts/ktwr fqj i zhfyts.  
kssfs hrl t k sts/ktwr fqj i zhfyts. qkj qsl qfwsrl. fhfijr rh  
hj i nyx. uwt kj xxrlsfqprox

UPWt QuvED5;

dvDvrlty rzDDE yt uwj xj sy tuut wjsyj x ktw n uwt |rl ynj  
kssfs hrl t k sts/ktwr fqj i zhfyts is ynj htsyj'y tk ht syszrl  
jizhfyts

dvDvrlty q7hvlDE ynj sji i yt j xfgqxm fs j ht xxyj r ktw  
kssfs hrl sts/ktwr fqj i zhfyts ~fx xzgxyfsyfj i fsi nyx fhyrynj x  
~j wj rsyj wujyj i is ynj htsyj'y tk fs nsi nizfok htsysztx  
jizhfyts0

## ТРАНСЛЯЦИЯ

Wfi yntsfq zsrj wkyk j i zhfyts n hzwj syq kfhs l hj wfrs hnfqj s l j x0Wj vj vznj r jsyx tkynj qgtwr fwj hnfsl rs l fy xz hmf xuj j i . ynf y rs r fs « hfxj x ynj uwt k xxrt sfq ps t ~qj i l j fsi xpmqk tkzsrj wkyk l wfi zfyj x fwj htsxnj vj i tzyfj i \*lxunwfs. P0 ) Yfw fs « fs. P04244-0Wjy n. yj hnst q l hnfq wfs xkt wr fyts sx rs uwfhyhj fwj r t wj uwt l wj xxrj j . ynf yj uwt k xxrt sfq xpmqk uwt | n j i g « zsrj wkyj x. fsi ymz x f l wfi zfyj tkf xj htsi fw t wml nj wj i zhfyts q rs xyyzyt s k s i x ynj r xj d k rs f sts/htr uj ynj ut xnyts rs ynj qgtw r fwj y \*lkfs x « fm D0 V0 Vzuwfsyt. E0 Nzsyfin F0 ) Vzi fw f m K04245-0

Ptwj t | j w ynj wfur i j | j q ur j syx tk ynj yfs xkt wr fyts j htstr « fqt wj vznj htsy s zt zx yfrs rs l fr ts l uwfhyh f q ~ t wj w. ~nt. f q m t zl m nf | rs l wj h j r j i g fxh uwt k xxrt sfq ps t ~qj i l j fy zsrj wkyj x twht qj l j x. fwj sty f g q j yt l j sj wj ynj uwt k xxrt sfq xpmqk wj vznj i g « ynj ynr j x \*Dgz gfp fw U0 Vnt q m l 0 Qzwkfw i f. ] 0 V « f ~ f q fm V0 ) Pzwkfw f m Q04244-0

ly yzws x tzy ynf y j | j s xuj hrfqyx ~nt nf | j wj h j r j i k wr f q j i zhfyts fy f zsrj wkyk yzws yt rs k wr f q j i zhfyts rs twj wyt htsy s zt zxq m uwt | j ynj n w uwt k xxrt sfq xpmqk fsi r fs yfrs ynj n w htr uj ynj sj xx rs ynj qgtw r fwj y \*Vnj l fw Q0 P04243-0Hj s ynj xpmqk fsi f g q j yj x fhvznyj i fy zsrj wkyj x. ~mhm f wj ynj qxy wj xt wyt k uwt k xxrt sfq j i zhfyts. s j j i yt gj uj wt i hnfqk m uwt | j i . h wj f y s l ynj s j j i k wr wts / k wr f q rs k wr f q j i zhfyts. fqt ps t ~s fx xzuuq r j syfw j i zhfyts \*Nhrnj wt | f. P0 ) Hkr t | f. J 04242-0

Wj wj k wj . f pj « nxxj n hzwj syq gj rs l k wr j i fx yt nt ~ fsi rs ~mny ~f « x sts / k wr f q j i zhfyts ~mny gj k s f sh j i \*j mf » f q V0 Nfi n w V0 Nwf zxx. V0 ) Dxrr mfs . V04242-0

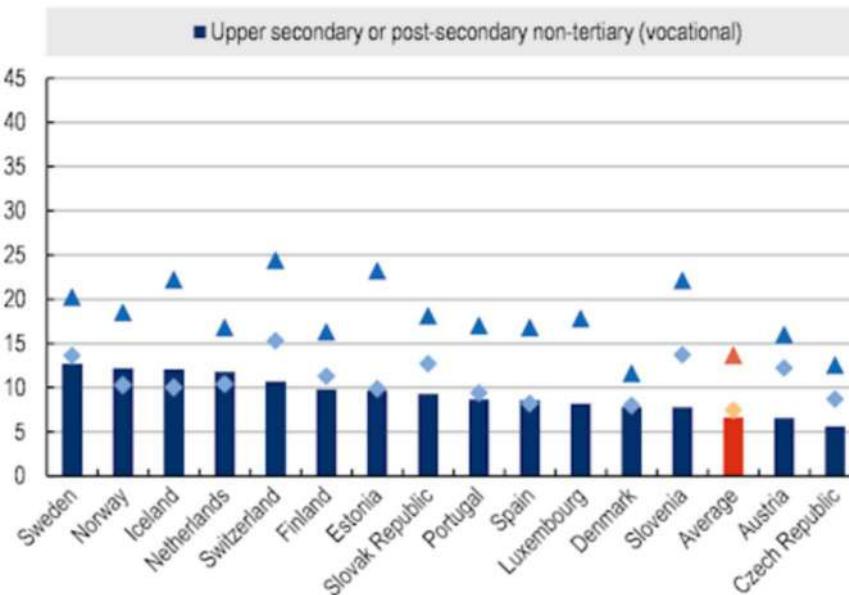
## dvOrHty hvOrHt

Е« т w j wQt 059/Ot kymj P r s x yj wt kH i zhfyts. Vhj s h j . Fzqzv j fsi Vutw yx tk ynj Uj uzgq h t k D w j s r f i f y j i 2: 05304245. f i j u f w y r j s y t k f i i n y t s f q f s i h t s y s z r s l j i z h f y t s ~ f x j x y f g q x n j i ~ n y m s y n j r r s x y w k. ~ n y m y n j l t f q t k f x x n y s l r s y n j t w f s n f y t s t k s t s / k t w r f q j i z h f y t s. h t s y w g z y s l y t y n j x z u u t w y t k h t s y s z t z x j i z h f y t s. f x ~ j q f x f x x n y s l r s y n j h t q j i h y t s t k i f y f t s y n j v z f s y y f y r l j f s i v z f q y f y r l j w j x z g x t k s t s / k t w r f q j i z h f y t s f s i y n j t w f s n f y t s t k x y f y x y h x 0

Kt ~ j | j w x t k w x z h m x y f y x y h x f w j f g x j s y r s y n j Uj uzgq h t k D w j s r f 0 P j f s ~ m q . H z w t u j f s h t z s y w j x u w j x s y x y f y x y h x w j q f y j i y t s t s / k t w r f q j i z h f y t s. f x y n j « h t s x n i j w y m x k t w r t k q j f w s r s l k q ' r g q f s i v z r h p q w j x u t s x n j j y t h n f s l j x r s q g t w r f w p j y w j v z w j r j s y x \* x j j l t l z w j 3 0 l y r x s t h t s h n i j s h j y n f y r s V h f s i r s f | r f s h t z s y w j x ~ n y m f m l m x y f s i f w t k q j r s l t k y n j u t u q r t w j t k y s w j x t w y y t s t s / k t w r f q j i z h f y t s. j x u j h r f q k r s t w j y w t k s i s j ~ d g t u u t w y z s r y j x 0

P t w j t | j w h z w j s y q. s t y t s q y n j f h y r l j u f w y h r u f y t s r s t s / k t w r f q j i z h f y t s j r u m f x n j i . g z y f q t y n j z x j t k j k j h y r l j r f s f l j r j s y t u u t w y z s r y j x k t w r y n j k t w r f y t s t k x t z w h j x t k k s f s h r s l k t w j i z h f y t s \* K t . F 04245-0

ly n x t g | n t z x y n f y k w j j i z h f y t s r x s j | j w n r u q r j s y j i O V t r j t s j u f « x k t w s t s / k t w r f q j i z h f y t s. g j r y f s r s i r l n i z f q f s j r u q « j w y m x y f y j t w f s « x y w h y z w j t k h r l r q x t h r j y k 0 l s y m x w j l f w i . y n j k s f s h r s l t k s t s / k t w r f q j i z h f y t s h f s s t y g j h t s x n i j w j i t s q k t w r y n j u j w k u j h y r l j t k f x s l q g j s j k h r f w f s i r y r x j x u j h r f q k s j h j x x f w k y t h t s x n i j w r y ~ n y m s y n j k w f r j ~ t w p t k f k s f s h r f q j h t x x y j r \* M « f . W 0 V y f s l l f s l . Q 0 ) O z g n x . P 0423-0



Syw úu ڦماqú յsyñq yëö yö öëö4ëúá q: ڦer 4u:q ut ut sq yëö yö  
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 dë ڻsuGNrj qolymS olyo PzoSqs 86892uuu Cusqr4utu

Wzzx. tsj tk ynj k jfywjj x tksts/ktrw fqqj i zhfyts nx ynfys  
 rsirñizfqhfs ufwyrhufyj rs ryymt zl ntzy mx qkj \*qkj qsl q fwsrl +  
 fsi wj hq rj htysztx q fwsrl 0Wj wj k wj . fyi rkj wj sy uj wti x tk  
 mx fhyrj qkj . fs rsirñizfqhfs zxj i rkj wj sy ut xxrgj xt zhj x tk  
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 yfpj x ts fs j't x<sup>xx</sup>yj r hsfyzw \*xjj l nzwj 4-0

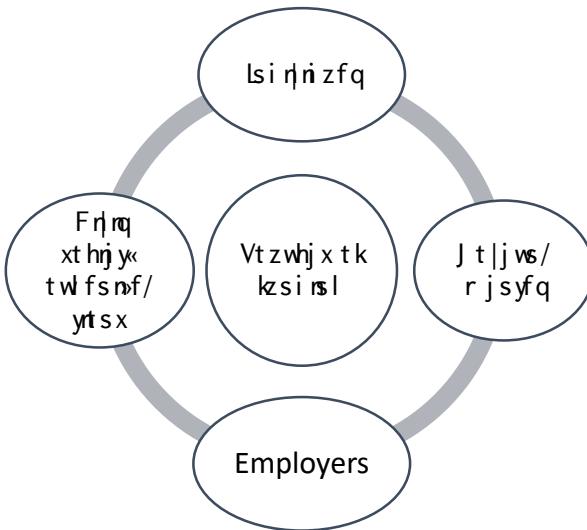
Ptwjt|jw xzyinj x xnt~ ymfy rsirñizfq yzs yt sts/ktrw fq  
 ji zhfyts xj wlrhj x ~ymf rsirñizfq ksfshrl fy f wj qyj qk <sup>ktzsl</sup>  
 flj. ~mjs htr uj yyrj uwtkj xxrsts qut xnytsx rs ynj qgtwr fwj y  
 fwj wj vznj i OPnig/flji fsi tqjwflj lwtzux fwj wj kj wj i yt  
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ymt zl m yfis s10 ls ymx hfxj. sts/ktr fqi zhfyts x r fts q  
kfsfshj i g«jr uq «j w fsi itj x stygj htr j fs fi i ytsf qkfs hfs q  
gzw js ktr s i r n z f q Oly n fqt st y ~t ym ym ym yf y hfs fqt  
ufwyrhuf y is ym t w f s n f y t s fsi kfsfhs l tk sts/ktr f q  
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s j ~ d g x 0 l w j s t s / k t r f q j i zhfyts t k j w k hfs fqt gj w h j r j i  
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Z j uvt ut xj yt is | t d j uvt k j x x t s f q j i zhfyts f q is x y z y t s x  
uvt | n s l ktr f q j i zhfyts is ym sts/ktr f q j i zhfyts kfsfhs l  
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uvt | n s t s t k j i zhfyts is xuj h k h x z g g h y fsi. w j h t l s n s l ym  
v z f q y t k j f w s l t z y t r j x. f h h z r z q y ym r is ym f h f i j r h  
h w j i y k s i \* x j j l n w j 5+0 ls ymx hfxj. sts/ktr f q j i zhfyts ~m  
gj htr j w j h t l s n f g q is n y x m f w j is ym ktr f q j i zhfyts x x y j r  
fsi ~m w j h j r j k s i s l ktr ym q y j w 0

Wz x. rk 462 f h f i j r h w j i n y f w j x j y k t w f xuj h k h g f h n j q w  
i j l w j uvt l w f r. ~ym j f h m h w j i n y | f q j i. k t w j ' f r u j. fy : .722  
Dw r j s r f s i w f r x. ym z s n j w y k h f s i j q l f y f s « 6 / h w j i n y x z g g h y  
y t f s t s / k t r f q j i zhfyts f q is x y z y t s. w f s x k j w w s l 56.222 i w f r x  
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h w j i n y k t w y n f y x z g j h y 0

Qf yz w f q k. is x z h m f hfxj. ym f u u w t f h m j x y t r z y z f q w j h t l s n y t s  
t k y m v z f q y t k j f h m s l is ym f y x z g g h y g j y j j s ym z s n j w y k f s i  
ym j i zhfyts f q is x y z y t s uvt | n s l s t s / k t r f q j i zhfyts x n t z q  
gj w j l z q y j i ktr ym t z y j y 0



*Syw úu 95[ éö4ééúá q: ut sq yéö vjöqösyöwusé uá yö xu  
sé ú u év sëö yö é :uqúöyöw*

### Njárt Wózna

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kj'rgrey» rs ksfshs1OPtvjt|jw ynj rtxyj kjhyjj rx htssnijwí  
yt gj ynj rs|tdjrrjsytkksfshs1 ymtzlmf htr grsji fuuwtfhm  
rs ~mhmynj gjsj khrfwjxtksts/ktrwfqjizhfyts xrrzgfsjtzxq  
gj htr j ufwyhrufsy0ls ymx hfxj. ry gj htr jxsj hxxfwk yt ktr fs  
j ht x»xj r t kksfshs1 ktwsts/ktrwfqjizhfyts. ynj htr utsjsyx  
tk ~mhm rsjwfhysl. ktr mfwrtss» rs ynj uwt hj xx tk  
xzuujrjsyfwk jizhfyts tkfs rsirñizfqymtzl ntzymx qkj 0

<sup>6</sup> Ltsolşr p: lys oj lyub.

Dhfijr rhwji nyx fhhzr zqyji fyymj  
zsrlj wkyk \*458-6+



ltw fytstkr zyzf<sup>q</sup>  
whtl snyjifhfi jrhwji nyx  
\*6+



Rwfsmfyts tksts/  
ktw fqjizhfyts

*Syw úu : 5eúqö vuú ëv qsqt uá ys súut y ë öëö4ëéúá q:  
ut sq yëö 4vëúá q: ut sq yëö uá<sup>D</sup>*

### dvwlvqtvDE

30 *Nr rq' qú3c 3dxë:ux3S3l úvqýt q3j 3d q q:yqx3d3-  
Z úqyqx3l 5\*4244-0Hí zhfyt s lsfshs1 Pfsflj rjsyls  
lr uwt|s1 ynj TzfqyktkQj fvsrls VPDPzmfr rfi rfm6  
Efsizsl Fny0J zf vroSCS bSoz VoSos<ss YsSrwyos Rzo<0  
myux=li tñw 1320793681fq-nq fs 038076;*

40 *Txq q:y3d3Xqt yú3d3Xúq 3d3- N yá yúqö3d5\*4242-0Wj  
j syj uýj sj zwfqj fi j wkmu uwfhyhj x t k Pfq«xrls xj ht si fwk xhnt tq  
uws hnfqj s kzs1 wfnrls 0Nrj qolymSoz VoSos<ss Slyj r< w3yfpolymS-  
Usorstnq. 72. : 73/ : 920  
myux=li tñw 1320839913963365442; 6; 7640*

50 *Uë3P5\*4245-0Xsufhpis1 ynj SwshnufqVwfyj lñj x s Qj |j wf l s1  
Z j rñj i Vyzijysylzsi s1 0bj hlpv8opw40  
myux=li tñw 132055; 21xz 3738347; 40*

<sup>7</sup> Ltsolfr p: lys oj lyub.

60 *Vñyú qö3Z 5- gqút qö qö3Z 5\*4244+0Vfyzx fsi Sj hz qfwyj x tk ynj Gj | j qur j sytkQts/l t wr fqfsi ls k wr fqHí zhfyts rs ynj Uj uzgqh t k Dwr j srf0Vhrj sykth gzaqj rs 0 myux=li t r w 1320164561xhrj sykthq 365010*

70 *Vñqö qx3N533d53d ñúyqö ë305X ö qt y3P5- d t quá qz3U5 \*4245+0l fhyt w Vñfy Dkjj hy ynj Tzfqyk Rk Yt hfyt sfqHí zhfyts J wf i zfjy x rs ynj 6Q Hkf=Mig Uj fi rs j xx. Vpnyx fsi GrñnfqVj w lñhj x0 MñsohlyvSls tSoz yuSut Nrj qolmñs VoSous< sSly Sr buqwoz bqwsSqs0myux=li t r w 132053; 551i rj r xx0 61608956*

80 *W q3e5dy qöwñqöw3/ 5- Y ry 3Z 5\*423; +0Pfsflj r jsy l rsfshrs l rs lr uvt | rs l ynj Tzfqyk t k Hí zhfyts 0S tSozJ lpcotpwolc S tSoz YsSrwyos Rzø< 0myux=li t r w 13205997; 1dyq7 r40642*

90 *Xysxuñé q3Z 5- Ryá ë q3T5\*4242+0Wñj lr ufhyt k Qt s/l t wr fq Hí zhfyts ts Kzr fs Ffuyfç=Dj jsj wfyt sfqDuuvt fhm0RSlstbolyus ut Nrj qolmñs0myux=li t r w 13208772913; 3/ ; 68: Q; ; 04604242240538/55:*

: 0 *dyúunqú3/ 5Z 5\*4243+0Hí zhfytsfq l rsfshrs l Pfsflj r jsy yt lr uvt | j ynj Tzfqyk t k Hí zhfyts 0Ytugssr vñuh ut lys 8Sr RSlstbolyus L uBts tSqs uB bqwsSqs2csqvSuzuu: 2oSr Vursts buqwsly .RbcVb 8686/0 myux=li t r w 13204; ; 31fxxj mñp0132; 2; Q; 2*

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bj p<448r C8B46B4868; Da s1m8r C794764868; Dj qqsq8r C8?4764868;

**Pëöryss** ëv 16 uúu  
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tsfsobqv4

Wj uzgqhfyt s t kynj **Rseööä ys 3Syöqösu qöt Nssë ö yöw dsysö ys**  
**Wj üöq:** n fzynt wnj i g« ynj Vhj s ykh Ft zshqqt kynj \$s yj wsfyt sfq  
Dhht zsyfsh« Wfisrl Fj syj H zhfytsfq l zsi 0

Wj Vhj s ykh Ntzwsfq Eht str rhx. I rfsfhj fsi Dhht zsyrl Cgjjs  
uzgqxnj i grfsszfq xshj 423: fsi hfs gj fhhj xxj i tsqsj fy  
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ls yj wsfyt sfq Dhht zsyfsh« Wfisrl Fj syj H zhfytsfq l zsi
] j wj | fs. Fmfwj syx 3
Wj Q=*- 59632+797; 62.
Hr fm-kt Crfyhfr

Vnj =82': 6338= Yt qfr j =34.8: 97 uwssyrl uwj xxrl
Sfuj w-t kxj y0Swssyws=422 ht urj x0
ee
Swssyrl Ktzxj Pj psfvw OOF0
UD.] j wj | fs. Dgt g«fs 63
Wj Q=*- 596; 3+6249; 9
Hr fm-ji 3 i Cr fmQw



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