SPINSZĶ HĎPIRWOĶ OSQTVIWSV 94 P 3 709 O [OH848=

TVSJIWSRćPRĎ ř IWOĶ YĶZEXIPWOĶ QERYćP E XIGLRGOć HSOYQIRXEGI

TýĎOSR QSXSVY	SFNIQ Z^HYřRĎOY	WEGĎ 3 TPRGĎ ZĶOSR	ZĶFEZE ZĶWXYTƒ
7 944 [3 8O< LT „rhyoгr¶ iрioxvsqsxsv-	94 рxvɻ ,xpeosz« r«hsfe hрi WTZH-	7<4 р3qпr 3 qe]2 < fev ,55: TW-	6ī v}glрswtsпoe / vihyoгr¶ zirxp

TýIHRSWXN HĎPIRWO§LS OSQTVIWSVY OH848=

- Qewrzr¶ рxпrszĹ t¶wxszĹ z«рig ~evyгyni qпqsш«hrsy shsрrswx tvsxп stsxшifir¶e hрsylsy Ípzsxrswxпz r«vsгr²q tvszs~y2
- ZĹosrrĹ iрioxvsqsxsv 7 944 [w qaharĹq zпryx¶q e tvsyhszsy tsпwxosy ~eппкvyni wtsрilрzĹvs~fal tш tрr²q ~ex¶Íir¶2
- Z~hykr¶o s sfпiqy 94 рxvɻ tswo}xyni hswxexiгrsy ~«wsfy wxрeгir²ls z~hygly tvs wxш¶o«r¶0 sjyosz«r¶0 wtsrosz«r¶пv«~sz² yxelsz«o}2
- Sрinsz² qe~«r¶wrn Íyni xшir¶e xitiрr² req«l«r¶oрosz²ls qiglerпwqy? lрehпre sрini ni wrehrs osrxvsрszexiрr« tvɻlрihfxoiq2
- Vihyoгr¶zirxpwevixegf yqsÍfyni tшiwr² rewxezir¶ tvegszr¶ls xpeoy tvs gпxpz² triyqexgo² r«шeh¶re hvyl²q qersqixvy2
- Vsfywxr¶xverwtsvxr¶ qehрs ezipo« giрskyqsz« tsni~hsz« osрe yqsÍfyn¶wrehr² twiq¶wxar¶osq tviwsvy ts hрraпwxezirпкx2

ZĶWXVELE TýIH Z]WSOĶQ XPEOIQ E TSZIIRRSWX SHOEPSZćRĎ RćHSF]›
XPEOSZć RćHSFE NI TSH Z]WSOĶQ XPEOIQ ,< FEV- ô TVEZIIHIPRû SHOEPYNXI WTSHRĎ ZĶTYWXRĶ ZIRXIIP TVS ^EFVćRûRĎ ZRIIXýRĎ OSVS^Ih RIIOH] RE RćHSFû RITVSZćHûNXI ķćHR§ WZEýSZćRĎ ERI QIGLERIIGO§ ÉTVEZ]ħ TýIH OSRXVSPSY SPINI RIFS HIQSRXćķĎ WTSNIO ZĶH] SHTSNXI RETćNIRĎ E Z]TYWфXI ZIjOIVĶ XPEOħ LPEZE ZćPGI E ZĶXPEřRć XVYFOE WI FûLIQ GLSHY WIPRû ^ELýĎZENĎ ô RIFI^TIřĎ TSTćPIRħ

52 HIXEPRÖ XIGLRGOc HEXE OSQTVIWSVY OH848=

Qship ~ewf~irf	Ovejx*Hipi OH848=
X}t osqtviwsvy	TfwxszĹ spinszĹ osqtviwsvw tufqĹq tslsriq
Nqirszmx² ret«nigf retax f3jviozirgi	674 Z £ 94 L~ „nihrsj«~sz« wfN-
NqirszmxĹ tufosr qsxsvy	7 944 [3 80< LT
Nqirszmx² sx«ro} qsxsvy	6 <94 sx23qnr
Sfniq xpeosz² r«hsf},z~hykrfoy-	94 pxv4
Qe|nq«prf tvszs~rf xpeo	< fev ,40< QTe 3 55: TWl-
Xisvixmgo Ĺ wegf zĹosr	7<4 p3qnr
X}t qe~egf ls spini 3 r«tpfj	Osqtviwsvszĺ spin PH1544 3 WS ZK :< ,gge 694 qp-
Tsrix zĹwxyt4 wxperir² ls z~hygly	6ī wxerhevhrf v}glpswtsroe R [;06 ,5ī vihyoszerĹ0 5ī tufqĹ-
Lpehmre eoywxmgo² ls zĹosry P[E	=7 hF,E- hpi 64443583 IW
Lqsxrswx ~ewf~irf	gge 6= ok

62 TSLSRRc E OSQTVIWSVSZc WOYTIRE

IPIOXVSQSXSV 7 944 [WXITIPRSY SGLVERSY

- **Qahar² zryxf wxexsvy>** Z}wso« xitipr« wxefpxe n tun hipkfq rituixvÍx²q tprngfq g}opy2
- **^iwpirĹ vs~falszĹ osrhir~«xsv>** Wtspilpz Ĺ wxevx n tun rf~oĹgl sospr fgl xitpsx«gl e rnÍkfq retaxf z wfx2
- **Zvexr« fnqixepsz« tsmwxoe>** Z}tri qsxsv tun rifi~tirr²q tuixfÍirf rifs ~epsosz«rf tfwxy2
- **Glpehngf zirxp«xsv>** Qewzrf pstexoszĹ zaxv«o re lufhipn qsxsvy sjyoyni z«pig e lpezy2

PIXIRSZĶ EKVIKcX W SPINSZĶQ QE^cRÖQ

- **PxmrszĹ z«pigw lsrszersy tpsglsy>** Qnrnq«prf xuirf0 shsprswx tvsxn ~ehuirf e hpsyl« Ínzsxrswx ovsyÍo42
- **Lpmrfosz« lpezew lywxĹq Ífifvsz«rfq>** V}glpĹ shzsh osqtviwrf ls xitpe hs sospr f ls tvswxsvy2
- **Spins~reo re opmosz² wouf r>** Tv4 lpihfxos w rivzirsy v}wosy tvs soeq Ímxsy osrxvspy lpehmr} spini2
- **Ne~Ĺrosz² zirxp} ~i kz²hwo² sgipm>** Wtspilpmz² xawrarf e z}wsoĹ tv4xso z~hygly fi~ ~xv«x2

72 RcVSO] RE IRWXEPEGI E TVEGSZRÖ TVSWXȳ IHÖ

TSHQÖRO] TVS FI^TI ŕRĶ E WTSPILPIZĶ TVSZS^ OSQTVIWSVY

Osqtviwsv yqfwxaxi re zshsvszrĹ0 wyglĹ e fi~tvekrĹ tshopeh2 Tvs ~emkxarf hswxexirr²ls glpe~irf tsriglxi ospiq osqtviwsvsz² lpez} qnrnq«pra 94 gq zspr²ls tvswxsvy ~i zkigl wxver2

Ret«nirf> 674 Z £ 94 L~ ,weqswxexra mkxar« ~«wyzoe 5: E0 mwxnr w gleveoxivwxmosy G-2

Tvszs~rf xitpsxe> /9 ÅG eĺ /84 ÅG ,tsh /9 ÅG lsywxri spin e lvs~f ~xfÍirĹ vs~fal-2

Tvegszrf viÍnq> W7 94) ,wxufhezĹ tvszs~> qe|254 qnryx faly3 54 qnryx glpehryxf-2

52 ^ċWEH] FI^TI ŕRSWXM TŷM TVċGM WI WXPEŕ IRĶQ Z^HYGLIQ

TVIZIRGI QIGLERMGOĶGL VM^MO E ZĶFYGLY XPEOSZ§ RċHSF]

- **^ċOE^ ^ċWEL ȣ HS XPEOSZ§ RċHSF]›** Re z~hykrƒoy ni tufwra ~eo«~«rs tvsz«hax neo²osp wz«uirwo² tv«gi0 zvx«rƒ sxzsv↓0 qiglernго² fvsykirƒ rifs vszr«rƒ hijsvqeg¶ Swpefir« r«hsfe q↓Íi jex«qra i|tpshszex2
- **^«oe~ wqavsz«rƒ re swsf} e ~zfuexe›** Tvsyh wxperir²ls z~hygly tsh xpeoiq < fev q↓Íi tvsve~x ykrƒ fyfƒrio0 tskoshx ~veo rifs ~t↓wsfx zrnoryx z~hyglszĹgl fyfpr hs ovizrƒls sfaly w r«wpihoiq wqvx2
- **Osrxvspe tsmwxr²ls zirxpy›** Tuih oeÍhĹq ~el«irƒq tv«gi ~osrxvspyxi jyroгrswx tsmwxr²ls zirxpy ~exeÍirƒq ~e ovsyÍio2^ zirxpy qywf shjsyorsyx wxperirĹz~hygl2
- **Tvezmhipr² shoepsz«rf›** Hirra ts wosrгirƒ tv«gi z}tywnxi relvsqeharĹzshrƒosrhir~«x tuiw wtshrƒzĹtywxrĹzirxp0ef}wi ~efv«rps osvs~ wxar z~hykrƒoy ~izrnxu2

62 IPIOXVMGOċ FI^TI ŕRSWX E TVIZIRGI TSTċPIRŏ

TŷMTSNIRŏ O WŐXM E NMĵXûRŏ

Osqtviwsv OH848= s tufosry 7 944 [shifv« tun vs~faly ktnroszĹ tvsyh tuiwelyfgf 69 E2 Z}Íehyni tuntsnirƒhs ~«wyzo} w tufzshrƒq oefipiq qnr2 609 qqij Gy e qsxsvszĹq nwxnriq 5: E xufh} G2 Rtoh} ritsyÍfzinxi wznryx² fyfrsz² tvshpyÍsz«o}¼

Z]WSO§ XITPSX] ZċPGI E TSXVYFŏ

Lpeze z«pgi e qahar² zĹxperr² tsxvyf¶ hswelyf¶ faliq wxpersz«rƒ z~hygly xitpsx eÍ 594 ÅG2 RihsxĹoinxi wi xaglxs wsyr«wxf faliq tvszs~y ern fi~tvswxuihra ts z}tryx¼ Riglxi ~euf~irƒ qnr2 64 qnryx z}glpehrsyx2

72 SWSFRŏ SGLVERR§ TVEGSZRŏ TVSWXŷIHO] ,SSTT-

TSZMRR§ Z]FEZIRŏ SFWPYL] OSQTVIWSVSZ§ WXERMGI

Sglvere wpygly› Qykpsz² glv«rnri wpygly rifs ~«xosz² glv«rnri wÅxpyqiq qnr2 WRV 69 hF tun tv«gnz fp~oswn ekvik«xy2

Sglvere ~veoy› Fi~tirrswxrƒ fvĹpiw fsrrƒqnov}x} rifs gipssfprinszĹ kxfx glv«rƒgf twih shpixyfgfqn ktsreqn tun sjyosz«rf2

Sglvere vyosy e hĹglehip› Qiglernго} shspr² vyoezngi e tun wxufo«rƒ fevizviwtv«xsvwÅxviq tvsxn svkernгoĹq zĹtev↓q2

52 WGL§QE LPEZRGL fcWXO OSQTVIWSVY OH848=

OSQTVIWSVSZK EKVIKcX E XPEOSZc RcHSFE

- **52 Xpeosz« r«hsfe 94 pxv¿›** Sgipszĺ z~hykrfo peoszerĺ shsprĺq tv«koszĺq peoiq2
- **62 Tfwxszĺ osq tviwsvszĺ ekvik«›** Pxrszĺ z«pigw lprfoszsy Ífivszersy lpezsy2
- **72 Z~hyglszĺ wegf Ãpxv›** Tpewxsz² tsy~hvswzĺqarrsy tetfvszsy zpsÍosy2
- **82 Rep²zegf lvhps spini e shzaxv«rf›** ^«xoe w shz~hykfjszegfq pef}vrxiq2
- **92 Osrxvspf spins~reo›** Tv¿lpihfxos tvs osrxvspy wxezy e lpehr} spini2
- **:2 Wtshrf shoepszegf zirxp›** Oufhpszĺ kvsyf re hra z~hykrfoy tvs shzsh zsh}2

XPEOSZK WTDREf E EVQEXYV]

- **;2 Xpeoszĺwtfrer,tviwswxex-›** Eyxsqexgo}ufhf~etryxftur:fevez}tryxftur<fev2
- **<2 fivzirĺwtfregf luffio›** Tspsle z}xeÍirs A EYXS ,~etryxs-0~eq«roryxs A SJJ ,z}tryxs-2
- **=2 Qersqixvxpeoy zi z~hykrfoy›** Yoe~yni gipszĺ xpeo yzrxw r«hvÍi ,4656 fev-2
- **542 Qersqixvvikypszer²lsxpeoy›** Yoe~yni zĺwxytrf tvegszrfxpeo~evihyorrfq zirxpiq2
- **552 Vihyorrfzirxpwevixegf›** Sxsrrĺorsãfo tvs tp}rypsy vikypegn zĺwxytrflsxpeoy2
- **562 Hzazĺwxytrfv}glpswtsno}›** Wxerhevhrf iyvsosrioxsv} R [;06 tvs lehrgi2

62 TSWXYT TyIH TVZRDQ WTYjXûRDQ

OSRXVSPE RcTPRD E QSRXcK XVERWTSVXRDGL TVZOJ

- **52 Qsrx«Íospe tv}Íszĺgltexio›** Rewyfjxi tsni~hsz«ospe re sw}ehsx«lraxi qexgi2 Re twihrf rsly reqsrxyxi kyqszĺhsve~2
- **62 Qsrx«Íwegfls Ãpxvy›** Z}nqaxi xverwtsvxrf~«wpitoy~iwegfls sxzsvy lpez}e~ekvsyfyxi z~hyglszĺ Ãpx2
- **72 Zĺqarexverwtsvxrf~«xo}~e shz~hykfjszegf›** Z}kvsyfyxi rivzirsy twitvezrf~«xoy spini e rekvsyfyxi hshersy~«xoy w shzaxv«zegfq sxzsviq% Fi~shzaxv«rf}hskpso z}xperirf xawrarf opnosz² wouflra%
- **82 Osrxvspe lpehrr} spini›** Lpehrre spini z tv¿lpihfxoy qywf fĺx twiwra zi wxwihy rivzir²ls ovsyÍoy ,gge 694 qp spini-2

72 ^OYjIFRD ^cFûL RSZ§LS OSQTVIWSVY

TVZRD WTYjXûRD RETVc^HRS TVS YWE^IRD OPY^RKGL TPSGL

Twih tvzrfq rexpeosz«rfq r«hsf} riglxi osq tviwsv faÍix gge 54 qrryxw tpra sxizwirĺq shoepszegfq zirxpiq retv«~hrs ,fi~xpeoy-›

Ovso 5› Sxizwixi wtshrf zirxp0 z}x«lraxi rivzirĺwtfrer hs EYXS e riglxi faÍix 54 qrryx2

Ovso 6› ^osrxvspyxi tp}rypswx glshy0 efwirgn oszszĺgl v«~ye xawrswx spinsz² zer}2

Ovso 7› Y~ezwixi zirxpe riglxi osq tviwsv rexpeoszex re< fev2 ^osrxvspyxi weqsrrr² z}tryx2

52 OVSO ^E OVSOIQ> WXERHEVHRÖ TVSZS^

TVEGSZRÖ TSWXYT TÿW XPEOSZcRÖ E TÿWTSNIRÖ RcÿEHÖ

- **52 Tuftveze>** ^osrxvspyxi lpehrry spinl0 hsx«lroxi wtshrf shoepszegf zirxp e~etsxi zthpgn hs~«wyzo} 674 Z2
- **62 Wtykxarf>** Z}x«lroxi rivzirL lufffio tviwswxexy relsvy2 Qsxsv wi vs~falrie osq tviwsv~errri tprnx 94p r«hvÍ2
- **72 Eyxsqexgo² z}tryxf>** Ts hsweÍirf qe|nq«prflsxpeoy < fev tviwswxex eyxsqexgo} shtsnf qsxsv e shxpeoyni zLxperrsy xvyfoy gleveoxivwxgoLq w}oryxfq shz~hykfjszegflszirxpy2
- **82 Tunt snirf lehngi>** ^ewyfjxi xvr v}glpswtsno} triyqexgo² lehngi hs zLwxytrflsosrioxsvy reviky«xsvy xpeoy2
- **92 Rewxezirf tvegszrflsxpeoy>** Tsz}x«lroxi sxsrrLorsäfo vihyoxsvy relsvy e sx«rirfq rewxezxi tsÍehszerLxpeo re zLwxytrfq qersqixvy2 Ts rewxezirforsäfo~eq«roroxi hspl tvs evixegn2
- **:2 Eyxsqexgo² hsxpeosz«rf>** Tun tsopiwy xpeoy zi z~hykrfoy tsh gge : fev tviwswxex eyxsqexgo} qsxsv~rszy witri2

62 ^TJWSF] Z]YkWXÖ ZKWXYTJ WXPEr IR§LS Z^HYGLY

VS^HûPIRÖ ZKWXYTRÖGL EVQEXYV OSQTVIWSVY OH848=

52 VIHYOSZERK ZKWXYT ,TÿIW VIKYPcXSV-›
Yvrir tvs r«weh{z}Íehyrfgf tuiwrL e wxefpr{tvegszr{xpeo ,wxufoegf tnwxspi re peo› 6090709 fev? wtsroszero} e luif{oszero}› 90: fev? lywxgf tnwxspi triy› hpi kx{xoy triyqexo-2

62 TÿÖQK TPRK ZKWXYT ^I Z^HYjRÖOY›
Tswo}xyni tprL xpeo : eÍ < fev fi~ kovgir{tvLxsoy vikypx«xsviq2 lhi«pr{tvs v«~sz² yxelsz«o} osp0 t{woszegf tnwxspi e zLosrr² sjyoszegf xv}wo} wz}wsosy soeqÍnxsy wtsxuifsy2

72 XEFYPOE WTSXÿIF] Z^HYGLY E HSTSVYr IR§LS XPEOY

Triyqexgo² r«ueh{	Hstsvyrirl xpeo	Tvlqavr« wtsxuife	Zlshrswx tvs OH848= ,94 p-
Lywxnr triyqexo w qersqixviq	604ô804 fev	<4ô564 p3qnr	Z}rnoe{gf ,rituixvÍxL tvszs~ fi~ rio«r{-
Sjyoszegf tnwxspi	804ô:04 fev	564ô5<4 p3qnr	Z}rnoe{gf ,v}glp² rnkxar{hpl e wxvsnl-
Triyqexgo« wtsroszeroe 3 luif{oszeroe	904ô:09 fev	544ô594 p3qnr	Z}rnoe{gf ,qsrx«Íi ovszl0 r«f}xoy-
V«~szL yxelsz«o 536&,tui~syz«r{os-	:07 fev	644ô694 p3qnr	Zipqn hsfv« ,zlshr² tvs swsfr{eyxsqsfm}-
Wxufoegf peoLvrngo« tnwxspi LZPT	6090709 fev	5<4ô684 p3qnr	Hsfv« ,wxufo«r{nihrsxmzLgl hpl e fver-

52 ÈTVEZE WXPE î IR§LS Z^HYGLY TVS TVSJIWSRcPRÐ RcWXVSNI

SHPY î SZcRÐ ZSH] E SPINI ,WITEVcXSV]-

- **Zshr¶osrhir~«x z tsxvyf¶** Tɯ osq tviwn wi zploswx ~i z~hygly wv«Í¶ z r«hvÍn e tvsrno« hs lehng2
- **Shpyrszer tvs peosz«r¶** Tvs wxufo«r¶ peoy ni ryxr² ~eɯehnx g}opsrszĹ Ăpxv w qnovszpsÍosy ,9 ¢q-2
- **îmwxsxe tszvgly›** Oetnroe zsh} rifs spini ~t¸wsf¶z peoy ov«xiv} ,x~z2 v}f¶ soe-2

Tÿ‖QE^cZcRÐ RcÿEHÐ ,Tÿ‖QE^cZE î I-

- **Qe~«r¶triyr«ɯeh¶** Yxelsz«o}0wio«ri e fvywo} z}Íehy¶ tɯqe~«z«r¶ spini q hs z~hygly2
- **‖rwxepegi qplsz²ls tɯqe~«zeri›** ^eɯe~ypi wi fi~tvswxɯihra tɯih r«ɯeh¶2
- **Spin tvs triyr«ɯeh¶** TsyÍ¶zinxi wtign«q»r¶ triyqexngoĹ spin‖WS ZK 66 rifs ZK 762

62 TSWXYT SHOEPIRÐ E Z]TSYĵXûRÐ OSRHIR^cXY ^I Z^HYĵRÐOY

OVSO ^E OVSOIQ› TVEZ‖HIPR§ SHZSHRûRÐ TS OEķH§Q TVEGSZRÐQ HR‖

- **52 Wr¶Íir¶xpeoy›** Tsrigixi zi z~hyкr¶oy ~f}xoszĹ xpeo gge 5 eÍ 6 fe‰ Z}traxi wt¶rere shtsnxi oefip ~ ipioxngo² wfxa 674 Z‰
- **62 Yq¶wxar¶~«gl}xr² qɯwo}›** Tsh wtshr¶zĹtywxrĹ kvsyf re hra r«hvÍi yq¶wxaxi zlshrsy r«hsfoy re ~egl}gir¶vi~ez² zsh} e spinsz²ls osrhir~«xy2
- **72 Tsqep² sxizɯir¶zirxpy›** Tsqepy tszspynxi ouhpszĹ kvsyf zĹtywx2 ^f}xoszĹ xpeo z}jsyori relvsqeharĹoep e zshy ~ r«hvÍi zir2
- **82 Y~ezɯir¶zirxpy›** Ts z}xirir¶zikoiv² oetepnr} e Ànroy z~hygly kvsyf stax tizra hsx«lraxi vyosy2 ^efvefyxi twixeÍir¶~«zwy2

72 TPcR ÈHVķF] E ZĶQûR] OSQTVIWSVSZ§LS SPINI

TVEZ‖HPE WTVcZR§ T§ î I S OP‖OSZĶ Q IGLER‖WQYW

Tvs osq tviwsv OH848= tsyÍ¶zinxi zĹlvehra wtign«q»r¶ t¶wxsz² osq tviwsvsz² spini ,retɯ2 Ovejx*Hipi PH1544ð Wlipp Gsvire T:< rifs Qskyp Osq tviwsv P1HEF :<›

Tvzr¶zĹqare ,~«fal› Ts tvzr¶gl 54 eÍ 64 tvszs~r¶gl lshnr«gl z}tywxi ~«falszĹ spinwi ктsroeqne repnxi rszĹ2

Faír« zĹqare› Tvezhipra oeÍhĹgl 544 tvszs~r¶gl lshnr rifs qnrnq«q»ra 5ī vsrra twih ~er«xoiq wi~»r}2

Osrxvspe twih wxevxiq› ZÍh} tvszaɯxið ~he lpehnre z spins~reoy wel« hstvswxɯih rivzir² osrxvspr¶~rero}2

52 TÿILPIH QSķRĶGL ^ćZEH E NINIGL SHWXVERűRŏ

^«zehe 3 Tvsfƥ² q	Tvezhatshsfr« tưƒ#re	R«tvezr² stexɯir¶
Qsxsv wi rivs~falri enir fvy#¶	R¶~o² retaxƒ z wƒx? hƥsyIĹ wƥefĹ tvshƥyÍsz«o? rishxƥeoszer« zĹxƥer« xvyfoe	^etsɯi tưƒqs hs ~«wyzo} 674 Z fi~ tvshƥyÍsz«oy? ~osrxvsƥyɯi shz~hykfƫszegƒ zirxɯ
Qsxsv wi r«lƥi ~ewxezɯ faliq tƥrar¶	^eviekszeƥe zvexr« f#qixeƥsz« xitiƥr« tsɯwxoe tvsxɯ tɯixƒÍir¶ qsxsvy	Riglxi qsxsv 59 qɯryx glƥehrsyxŏ wxɯworaxi xƥer¶xos xitiƥr² tsɯwxo} reov}xy wzsvoszr#gi
Osqtviwsv wx«ƥi faÍ¶e rihsw«lri < fev	^eriwirĹ wegƒ Ăpxv? rixawrĹ shoeƥszegƒ zirxɯ? tvewoƥ« qiqfv«re zirxɯy	Z}#ɯwxaxi wegƒ Ăpxv? hsx«lraxi shoeƥszegƒ kvsyf? z}qafĵxi stsxɯifirsy zirxɯszsy hiwoy
Ts z}tryx¶ qsxsvy xvzeƥi yrɯo« z~hygl ~ tviswxexy	Rixawr¶ ~taxrĹ zirxɯ re zwxyty hs z~hykr¶oy ,ri#ɯwxsxe z xiăsrsz² oyÍiƥgi-	Z}tywxi z~hygl◊z}kvsyfyɯxi ~«xoy ~taxr²ls zirxɯy e z}#ɯwxaxi tv}Ísz² wihƥs sh ri#ɯwxsx
Zi wxƥer#²q z~hyglyɲi rehqavr² qrsÍwxz¶ sƥini	Tưƥɲk z}wso« lƥehɯre sƥini z oewxivy? stsxɯifszer² wxƒveg¶ tƒwx¶ ovsyÍo}	Shtywxi sƥin re wxɯih sƥins~reoy? ts hƥsyl²q r«ni~hy z}qafĵxi wehy tƒwx¶gl ovsyÍoɻ

62 TSWXYT ĵIJXûRŏ JIPXVY E WI ^ĒRRŏLS WOPEHSZćRŏ

TVEZIHPE WTVćZR§ ÊHVķF] TVS ^EGLSZćRŏ ĵTIĵOSZ§LS ZĶOSRY

52 ĵ#xxar¶ wegƒls Ăpxv›
¢ OeÍhĹgl 74 lsh#r shkvsyfyɯxi tƥewxszĹ ov}x Ăpxvy
¢ Z}ɲqaxi tetƒvszsy zƥsÍoy e tvsjsyoraxi ɯ wxƥerirĹq z~hygliq ~izr#xɯ zir
¢ Tɯ wɯr²q ~eriwir¶ sƥiniq zƥsÍoy z}qafĵxi

62 S#ɯwxe ekvik«xy e glƥe~irƥ
¢ WxƥerirĹq z~hygliq sjsyoraxi Íifve lƥez} e qɯƒÍoy zirxɯ«xsvy
¢ R«rsw} tvegly e sƥini#~sƥyɯ¶xitƥs e~t↓wsfyɯ¶ tɯiɯƒz«r¶
¢ ^osrxvsƥyɯxi hsxeÍir¶ kvsyf↓ lƥez} z«qgi

72 Tưƒtveze re ~ɲqr¶ shwx«zoy›
¢ Z}tywxi zikoivĹz~hygl e osrhir~«x ~ r«hvÍi
¢ Wtshr¶ zĹtywxrĹ kvsyf tsriglxi q¶vra tszsƥirĹ
¢ Woƥehyɯxi z wygl²q tvswxɯihƒ tɯxitƥsxa reh /9 ÅG

IW3 IY TVSLPċĵ IRȏ S WLSHû ,IG3IY HIGPEVEXISR SJ GSRJSVQIX]-

z}her² z wsyehy w tufwyкrĹqn levqsrn~errfqn tv«zrfqn twihtnw} lzvstwo² yrni

Ihirx Äoegi zĹvsfgi e ~tprsqsgrar²ls ~«wxytgi>
ZĹvsfgi> Jsvinrxvehi W2E20 Ner»{ io0 y2 Qshv~i{ns{e 980 491999 Xevg~}r0 Tspwo« vityfpoe
Tuihqax tvslp«кirf> Tvsjiwnsr«prf hfpirwoL nihrsj«~szĹ spinszĹ tfwxszĹ osq tviwsv Ovejx*Hipi OH848= w sfniqiq xpeosz² r«hsf} 94 pxv40 zĹosrrĹq ipioxvsqsxsviq 7 944 [,80< LT-0 qe|nq«prfq tvszs~rfq xpeoiq < fev ,40< QTe-0 weg!q zĹosrioq 7<4 p3qnr0 hzaqe zĹwxyt} w v}glpswtsnoeq!0 vihyorrfq zirxpiq0 hzaqe qersqixv} e tsni~hszĹqn osp}
X}tsz² s~rerirf zĹvsfoy> OH848=
W²vnsz² rfwps 3 Vso zĹvsf}> S~rerirs tufqs re zĹvsfrfq кxfxoy wxvsni ,646:-

ZĹvsfgi Jsvinrxvehi W2E2 xfqxs re wzsy zĹlvehrf shtszahrswx tvslpekymi0 Íi zĹki yzihirĹ zĹvsfio wtpfjyni zikoiv« tufwpykr« ywxerszirf xaglxs izvstwoĹgl wqavrng>

- Wqavrngi 644:3863 IW s wxvsnrfgl ~euf~irfgl ,QH-
- Wqavrngi 645836=3 IY s nihrshyglĹgl xpeoszĹgl r«hsf«gl ,WTZH-
- Wqavrngi 64583793 IY s ~euf~irfgl rf~o²ls retoxf ,PZH-
- Wqavrngi 64583743 IY s ipioxvsqekrixngo² osq texnfpxa ,IQG-
- Wqavrngi 64443583 IW s iqwfgl lpyoy zi ziroszrfq tvswxsvy ,Rsnwi-
- Wqavrngi 64553:93 IY s sqi~irf tsyÍfz«rf rifi~tirrĹgl p«xio ,VsLW-

Wsypeh w xiglrngoĹqn tsÍehezo} f}p tvso«~«r etpoegf r«wpihynfgfgl levqsrn~szerĹgl xiglrngoĹgl rsviq>

- fWR IR 545615 ,Osq tviwsv} e zĹzaz} ô Fi~tirrswxrf tsÍehezo}-
- fWR IR 6<:15 ,Nihrshygl² rixstir² xpeosz² r«hsf} tvs z~hygl-
- fWR IR IWS 56544 ,Fi~tirrswx wxvsnrfgl ~euf~irf ô Zkisfigr² ~«weh}-
- fWR IR :464815 ,Fi~tirrswx wxvsnrfgl ~euf~irf ô lpioxvngo« ~euf~irf wxvsnq-

Qfwxs e hexyq z}h«rf> Ner»{ io 3 Xevg~}r0 592 pihre 646:
Nq²rs e jyrogi shtszahr² swsf}> Ov~}w~xsj Jsvinr ô Tvi~iw ^ev~ãhy

Ov~}w~xsj Jsvinr
,zpewxrsvyrrf tshtnw e ve~fxos-

^ċVYfRȏ TSHQȊRO] E EYXSVI^SZERĶ WIVZIW Z fV

Re ~euf~irf ~rero} **Ovejx*Hipi** ni osrgszĹq wtsxuifxipq tswo}xsz«re ~«osrr« ~«vyoe z h²pgi **68 qawfgq** shi hri tvshini ,tun r«oyty re IfS rnrf ~«vyoe **56 qawfgq**-2 ^«vyoe wi z~xelyni re zeh} qexivx«y e zĹvsfrf zeh} ~mxar² tun u«hr²q yÍfz«rf z wsyehy wxfqxs r«zshiq o sfwy~i2 ^«vyoe wi riz~xelyni re faÍr² tvszs~rf stsxuifirf wtsxuifrfgl hfpq ,ylpfo}0 xawrarf0 psÍnwoe0 xv}wo}0 Äpxv}0 rsÍi-0 tuixfÍirf qsxsvy ern qiglerngo² tskos~irf~tqwsfir² rishfsvrĹq ~«weliq2

ZĹlvehrf eyxsvn~szerĹ ~«vyrrf e ts~«vyrrf wivznw z fV>
Rinihpĺ w2vs2 ¢ Re ^«qigo² 595<3=0 584 44 Tvele 8 ¢ [if> **{ { {2rewirevehn2g~** ¢ l1qenp wivznwDrewirevehn2g~

IRJSVQEGI TVS YkIZEXIPI O PIOZIHEGI IPIOXVIGOĶGL E IPIOXVSRIGOĶGL ^Eÿô^IRȏ>
Z wsypehy wi ~«osriq r2 98536464 Wf2 s shtehigl riwqf fĹx z}ue~irĹ osq tviwsv zle~sz«r hs osqyr«prf ls shtehy2 ^euf~irf shiz~hinxi re sÄgn«prf qfwxs ~taxr²ls shfavy ipioxvs~euf~irf ,oexepsksz² rfwps shtehy 64 45 7: ô ipioxvsshteh0 5; 48 49 ô Íipi~s e sgip0 5; 48 46 ô lpnrfosz« lpezeo 5= 56 48 ô tv}Ísz« ospe e tpewx}-2 Z}nixĹ osq tviwsvszĹ spin shiz~hinxi hs wfavy rifi~tirr²ls shtehy neos qnriv«prf shtehrf spin ,57 46 49-2 Oewsr shiz~hinxi hs wfavy tetfvy ,59 45 45-2

^ċ^REQ] S ^ċVYfRȏGL E TIVISHIGOĶGL OSRXVSPċGL E VIZI^ȏGL

Hexyq ~«tnwy	Hvyl vizn~i 3 wivznwy	^nnxarĹ wxez e tvszihir² Àosr}	Ve~fxos e tshtnw xiglrnoe
592 452 646:	ZĹwxytrf UG osrxvspe ,zĹvsfgi-	Osqtpixrf ipioxvngo«0 qiglerngo«n fi~tirrswxrf tvszavoe teveqixvngo} z rsvqa2 ^euf~irf wglz«pirs o i|tihng2	Jsvinrxvehi W2E2 UG Hitx2