

9fZU\fYb'G]Y']b'X]YgYa '5fh]_Y'ž'k Ufi a 'C`UZ'GW\c`n'i bX'X]Y
XYfnY]h][Y'6i bXYgfY[]Yfi b[']b'6Yni ['Ui Z'XYb
JYfhY]X][i b[g\Ui g\U`h'i bX'X]Y': Ø\fi b[gfc``Y'8Yi hgW\`UbXg
]b'XYf'B5HC'?f]h]_'Ui g[YgYhnh'g]bX"'8]Y'78I #7GI!: fU_h]cb
ZcfXYfh'Y]bY'[fÒ» YfY'Z]bUbn]Y``Y'I bhYfghØhni b['ZØf'X]Y
6i bXYgk Y\f'i bX'Y]b'ghÀf_YfYg'9b[U[Ya Ybh'8Yi hgW\`UbXg
]b'XYf'5``]Ubn"'@YgYb'G]Y'a Y\f'ØVYf'X]Y'Dcg]h]cbYb'i bX
JcfgW\`À[Y'XYf'78I #7GI!: fU_h]cb'ni f'GhÀf_i b['XYf'B5HC
i bX'XYf'XYi hgW\Yb'G]W\Yf\Y]h"



K UXYd\i`. B5HC'bYYXg'U'ghfcb['9i fcdYUb d]``Uf

H\Y'B5HC'gi a a]hž'a Uf_]b['h\Y'U``]UbWY g'+) h\'Ubb]j YfgUfmž'hcc_ d`UWY'Zfca ' \Rightarrow `m'- h\'hc'%%h\']b'K Ug\]b[hcb"' \Rightarrow c\Ubb'K UXYd\i `ž'h\Y 8 Ydi hm'7\U]fa Ub'cZ'h\Y'78I #7GI 'dUf`]Ua YbhUfm'[fci dž

fYdfYgYbhYX`h\Y`; Yfa Ub`6i bXYghU[`]b`h\Y`B5HC`DUf`]Ua YbhUfm 5ggYa V`m`Ug`h\Y`\YUX`cZh\Y`; Yfa Ub`XY`Y[Uh]cb"`FY[UfX]b[`h\Y gi a a]hž'K UXYd\i ``Ya d\Ug]nYX`h\Y`]a dcfhUbWY`cZ'Wc``YWh]j Y gYW f]hm`UbX`h\Y`bYYX`Zcf'WYUf``YUXYfg\]d"

KUXYd\i``ghUhYXž'+) 'mYUfg`UZhYf`]hg`ZcibX]b[ž'B5HC`]g`acfY a dcfhUbh'h\Ub'Yj Yf"'H\Y'Fi gq]Ub'k Uf'U[U]bgh'l _fU]bY'\Ug i bdfYWYXYbhYX'k Um"·5```U``]UbWY'a Ya VYfg'UfY'Uk UfY'cZ'h\]g"'H\Y $X]gW'gg]cbg']b'KUg']b[hcb'\UjY'U`gc'aUXY']h'WYUf'h\Uh'h\Y$ $U^{*}]UbWY^{*}]q^{*}qYY_{b}[WYUf^{*}YUXYfq]dz^{*}YgdYW]U^{*}m^{*}b^{*}hY^{*}a]Xgh^{*}cZ$ ibWYfhU]bhm'U\YUX'cZ'h\Y'IG'Y`YWh]cbg"'8if]b['h\]g'd\UgYž'h\Y U``]Yg'UbX'h\Y'bYk'GYWfYhUfm!; YbYfU`YldYWh; Yfa Ubmž'Ug'h\Y gYWcbX^`Uf[Ygh'YWcbca m']b'B5HCž'hc'hU_Y'cb'U^`YUXYfg\]d'fc`Y UbX'Ybqi fY'h\Uh'9i fcdY'qhUbXq'hc[Yh\Yf'UbX'WUff]Yq'U'[fYUhYf $VifXYb^k]h^b^hY^U^]UbW'''< ckYjYfž^hYW'ffYbh';YfaUb$ [cjYfbaYbhibXYfC`UZGW\c`n']g'ZU]`]b['hc'Xc'gc"'9gdYW]U``m'k]h\ fY[UfX:hc:h\Y:ViX[Yhž:h\Ym:UfY:fU]q]b[:XciVhg:Uacb[:h\Y:U``]Yg" H\Y'W'ffYbh'ViX[Yh'd`Ubž'k\]W\'dfcj]XYg'Zcf'a]b]aU``]bWfYUgYg']b $h\ Y\ XY\ ZY\ bgY\ Vi\ X[\ Yh\ Ub\ X\ k\]$ ````]_Y `m' Ycd UfX]nY 'h\ Y '&i Wca a]ha YbhžcbWY'U[U]b'dfcj]XYg'h\Y'cddcfhi b]hm'Zcf'Hfi a d'hc $YId^c]h^h Y^U^[UbW]g^ibW^fhU]bh]Yg^H^g^fH^g^g^g^g^y^w$

H\Y; Yfa Ub'[cj Yfba Ybh']g'Xc]b['ZUf'hcc'`]hh`Y'Zcf']hg'ck b gYW f]hm'UbX'Vi fXYb'g\Uf]b['k]h\]b'h\Y'U``]UbW'"H\Y'ZUWh'h\Uh'h\Y : 8 Dž'k]h\':]bUbW''A]b]ghYf'@]bXbYf'UbX'¾gh]WY'A]b]ghYf 6i gWXa Ubbž'\Ug'bck 'fY'YWhYX'Ubm'Wcbg]XYfUh]cbg'cZfY]bhfcXi W]b['Wca di `gcfm'a]`]hUfm'gYfj]WY'cf'U'gYfj]WY'cV`][Uh]cbZi fh\Yf'YbXUb[Yfg'h\Y'fYdYUhYX`m'dfca]gYX'; Yfa Ub'Wcbhf]Vi h]cbhc'B5HC'XYZYbgY'[cU`g']b'h\Y'Wca]b['mYUfg"'K Y'UfY'UVUbXcb]b[ci f'U``]UbWY'dUfhbYfg"

cfih\Y'78I#7GI 'dUf`]Ua YbhUfm'[fci džYI hYfbU`'gYW'f]hm'UbX fY`]UV]`]hm']b 'h\Y'U``]UbWY'UfY'cZ'h\Y'\][\Ygh'df]cf]hm''H\Y'XYZYbgY Vi X[Yh'bYYXg'hc']bWfYUgY'g][b]Z]WUbh`m'UbX'gi ghU]bUV`m'': cfi gž']h]g'WYUf'h\Uh'&i 'WUb'cb`m'VY'h\Y'a]b]a i a "'H\Y'bYYX'Zcf]bj Ygha Ybh']b'h\Y'6i bXYgk Y\f']g'ZcfYgYYUV`Y''K Y'U`gc'hU_Y'h\Y bYYX'hc'dfcj]XY'h\Y'6i bXYgk Y\f'k]h\'a cfY'dYfgcbbY`'j Yfm gYf]ci g`m" K Y `\ Uj Y `dfYgYbhYX `WcbWfYhY `WcbWfdhg`Zcf`h\]g" C b`m`]bh\]g'k Um`WUb`k Y `dYfa UbYbh`m'Ybgi fY `ci f`XYZYbgY `WUdUV]`]hmž YgdYW]U``m`]b`h]a Yg`cZ'Wf]g]g"

H\Y'Ubbci bWa Ybh'cZh\Y'I b]hYX'GhUhYg'hc'ghUh]cb'`cb[!fUb[YkYUdcbg']b'; Yfa Ubm'gYbXg'Ub']a dcfhUbh'g][bU`'hc'9i fcdY"'H\Y I G']g'Wca a]hhYX'hc'9i fcdYUb'gYW'f]hm'UbX']g'd`Ubb]b['h\Y]f dfYgYbW'`cb[!hYfa "'K Yž'Ug'h\Y'78I #7GI 'dUf`]Ua YbhUfm'[fci džYI d`]W]h`m'k Y`Wca Y'h\]g"'H\Y'`cb[!fUb[Y'kYUdcbg'k]``'a U_Y'Ug][b]Z]WUbh'Wcbhf]Vi h]cb'hc'`cb[!hYfa 'UbX'WfYX]V'Y'XYhYffYbW''' I bXYf'U'[cj Yfba Ybh'`YX'Vm'h\Y'I b]cbž'k Y'k]``'k cf_'WcgY`m'k]h\h\Y'I G'hc']a d`Ya Ybh'h\]g']a dcfhUbh'a YUgi fY'hc'ghfYb[h\Yb'h\YU``]UbW'''

6UW_[fcibX.*H\Y.*781 #7GI *dUf`]Ua YbhUfm*[fcid*fYdfYgYbhg*h\Y WYbhf]gh*dYcd`Y g*dUfh]Yg*]b*dUf`]Ua Ybh*UbX*]g*Wcaa]hhYX*hc ZfYYXca ž*Wc\Yg]cbž*UbX*]bX]j]Xi U`*fYgdcbg]V]`]hm**6UgYX*cb*h\Y 7\f]gh]Ub*i bXYfghUbX]b[*cZ*\iaUb]hmž*h\Y*I b]cb*ZUWh]cb
UXj cWUhYg*Zcf*U*ghfcb[*XYacWfUh]WWcbgh]hi h]cbU`*ghUhYž*h\Y*gcW]U`*UbX*YWc`c[]WU`*a Uf_Yh*YWcbca mž*]bhY[fUh]cb*]bhc*h\Y*K YghYfb
Wcaaib]hm*cZj U`i Ygž*UbX*h\Y*i b]Z]WUh]cb*cZ*9i fcdY**: f]YXf]WX
A Yfn*]g*h\Y*WXU]fa Ub*cZ*h\Y*781 #7GI *dUf`]Ua YbhUfm*[fcid*]b*h\Y

!6Yf`]b

8YhU]`g

6Ygi WXYb G]Y i bg Ui Z. a Y]b!VYf`]b bYh