

? ᆗ[YghØhnhYf'l `hfUgW\U``. FYj c`i h]cbÀfY <]`ZY'[Y[Yb'9bXca Yhf]cgY°

:51 '9f`Ub[Yb!BØfbVYf['Yf\À`h'XfY]'A]``]cbYb'9i fc'ni f JYfVYggYfi b['XYf'8]U[bcgh]_'i bX'6Y\UbX`i b['j cb 9bXca Yhf]cgY'Xi fW\'? \deq[YghØhnhY'HYW\bc`c[]Yb"



9f`Ub[Ybž'8Yi hgW\`UbX'!'9bXca Yhf]cgY']gh'Y]bY'9f_fUb_i b[ž X]Y'j]Y`Y': fUi Yb']b'8Yi hgW\`UbX'VYhf]ZZh' gW\Ahni b[gk Y]gY'%\$'V]g%) 'DfcnYbh'XYf': fUi Yb']a '[YVÀfZÀ\][Yb'5`hYf'g]bX'VYhfcZZYb" 8]YgY'W\fcb]gW\Y'i bX'\cfa cbUV\Ab[][Y'?fUb_\Y]h'Vf]b[h'b]W\h bi f'ghUf_Y'GW\a YfnYb']a 'I bhYfVUi W\k\A\fYbX'XYf'DYf]cXY'a]h g]W\ž'gcbXYfb'_Ubb'Ui W\ni 'gW\k\YfYb'6Y[`Y]hYfgW\Y]bi b[Yb'k]Y I bZfi W\hVUf_Y]hž'5b[ghni gh\AbXYb'i bX'8YdfYgg]cbYb'ZØ\fYb" <\Ai Z]['k\AW\gh'XUg'9bXca Yhf]cgY!; Yk YVY'Ui \(\gamma\fY\U'V'XYf\); YV\Afa i hhYfgW\Y]a\Ui hž'a Y]gh']a '_\Y]bYb'6YW_Ybž'i bX \(\fy\U'V'XYf\); Yfi fgUW\h'XUa]h'Yfbgh\UZhY'DfcV'Ya Y'k]Y'Ghi \`[Ub[!'i bX K\UggYf`Ugggh\Ofi b[Yb''8YbbcW\XXUi Yfh'Yg']a 'GW\b]hh'UW\h'\\J\fY\Z\V]g'X]Y'8]U[bcgY'hUhg\AW\`]W\"[YghY'`h'k]fX''CZh'k]fX'X]Y 9f_fUb_i b['Yfgh'VY]'Y]bYa 'YbXcg_cd]gW\Yb'9]b[f]ZZYbhXYW_h\Z\

k Ug``Ui h'K]YgYbhVchY`Y]bY`XfUa Uh]gWXY`NY]hgdUbbY`]ghž`]b`XYf j]Y`Y`: fUi Yb``Y]XYb"

9]b'a i `h]X]gn]d`]bÀfYg'HYUa 'Ui g'K]ggYbgW\UZh`Yf]bbYb'Ub'XYf
:5I '9f`Ub[Yb!BØfbVYf['gck]Y'Ub'XYa 'I b]j Yfg]hÀhg_`]b]_i a
9f`Ub[Yb'\Uh'bi b'Y]b'gdUbbYbXYg'Dfc'Y_h']bg'@YVYb'[Yfi ZYbž'XUg
g]W\' 9bXc? = 'bYbbh''8]YgYg']bbcj Uh]j Y'Jcf\UVYb'k]fX'j ca
6UmYf]gW\Yb'GhUUhga]b]ghYf]i a 'ZØf'; Ygi bX\Y]hž'DZY[Y'i bX
DfÀj Ybh]cb'a]h'XfY]'A]``]cbYb'9i fc'[YZÒfXYfhi bX'n]Y`h'XUfUi Z'UVŽ
X]Y'8]U[bcgh]_'i bX'6Y\UbX`i b['j cb'9bXca Yhf]cgY!DUh]Ybh]bbYb
Xi fW\' a cXYfbY'HYW\bc`c[]Yb'Yf\YV`]W\' ni 'j YfVYggYfb''8UVY]
_ca a Yb'j YfgW\]YXYbY'V]`X[YVYbXY'JYfZU\fYb'k]Y' h'fUgW\U``
i bX'A F H'gck]Y'?Øbgh`]W\Y'\DhY``][Ybn'fP\\ni a '9]bgUhnž'i a 'Y]b
'8!A cXY``XYf'DUh]Ybh]bbYb'ni 'YfghY``Yb'i bX'gc'X]Y'8]U[bcgY'ni
VYgW\'Yi b][Yb'gck]Y'ni 'ghUbXUfX]g]YfYb''; Ya Y]bgUa 'a]h
DUfhbYf]bbYb'XYf'I b]j Yfg]hÀh'K ØfnVi f['i bX'XYf'HYW\b]gW\Yb
I b]j Yfg]hÀh'A ØbW\Yb'VYghY\h'XUg': cfgW\i b[ghYUa 'Ui g'ZØbZ
Yb[U[]YfhYb'K]ggYbqW\UZhYf]bbYb''

HYW bc`c[]gW Y: cfhgW f]hhY]a 9bXca Yhf]cgY!A UbU[Ya Ybh

 $8 \ Ug`Dfc\ Y_hgUa\ a\ Y`h`8\ UhYb'j\ cb`a\]bXYghYbg''\ \$\$`DUh]Ybh]bbYbibX'gc```b]W\h'bi f`X]Y`5bnU\``XYf`CdYfUh]cbYb'j\ Yff]b[YfbžgcbXYfb`Ui\ W\X]Y`9ZZ]n]Ybn'j\ cb`8]U[bcgh]_'i\ bX`H\YfUd]Y`Yf\Ô\Yb''\ 5b[Yg]W\hg`XYf`\c\Yb''\A\f`]W\Yb'?cghYb'ZØf`6Y\UbX`i\ b[Yb'j\ cbfi\ bX`%\$\A]``]cbYb'9i\ fc`Y]b`Xi\ fW\Ui\ g`fY`Yj\ UbhYg`H\Ya\ U"'\$\Y\]bYf\ ei\ U`]hUh]j\ !Yh\bc[fUZ]gW\Yb'HY]`ghi\ X]Y`k\]fX`ni\ XYa\ i\ bhYfgi\ W\hž\ k\Y`W\Y`DYfgdY_h]j\Yb';\ mb\A_c`c[Ybž`DUh]Ybh]bbYb'i\ bX':\ cfgW\YbXY\ Ui\ Z`XUg`H\Ya\ U`\UVYb''\N]Y``]gh'Ygž'<UbX`i\ b[\ gYa\ dZY\`i\ b[\ Yb'ni\ Ybhk\]\W_Y`bž`X]Y`Ui\ W\`ZØf`Cf[\ Ub\]gUh]cbYb`k\]Y`X]Y`K\ <C`j\ cb\ 6YXYi\ hi\ b[\ 'gY]b'_\ObbYb''\ \]$

8]Y'ni bY\a YbXY'Fc``Y'XYf'?Øbgh`]W\Yb'=bhY``][Ybn']a; Ygi bX\Y]hggY_hcf']gh'\]YfVY]'b]W\h'ni 'i bhYfgW\AhnYb'''?=\Uh']bXYb'`YhnhYb'*J\fYb'Y]bY'bYi Y'FY]ZYd\UgY'YffY]W\h'i bX']gha]hh`Yfk Y]`Y'Y]b'YW\hYf'HfY]VYf'XYf'8][]hU`]g]Yfi b[']a; Ygi bX\Y]hgk YgYbž']bgVYgcbXYfY']b'XYff6]`XX]U[bcgY'i bX'XYa

DUh]YbhYba UbU[Ya Ybh" @Ui h'Y]bYa '5fh]_Y``]b'XYf'BUh]cbU`

bgh]hi hYg'cZ' < YU`h\ ki fXYb'Wca di hYf[YghØhnhY'HYW\bc`c[]Yb
i bX'HY`Ya YX]n]b'k À\fYbX'XYf'7CJ &!%-!DUbXYa]Y'VYgcbXYfg
fY`Yj Ubhž'i a 'W\fcb]gW\'_fUb_Yb'DUh]Ybh]bbYbž'k]Y'XYbYb'a]h
9bXca Yhf]cgYž'Y]bY'_cbh]bi]Yf`]W\Y'JYfgcf[i b['g]W\Yfni ghY``Yb"
8]YgY'HYW\bc`c[]Yb'Yfa Ò[`]W\Yb'Ygž'Ui W\'VY]'9]bgW\fÀb_i b[Yb
XYb'?cbhU_h'ni 'Ÿfnh]bbYb'Ui ZfYW\hni Yf\U`hYb"

Ni _i b ZhgUi gV`]W_

 $8]Y \cdot 9bhk]W_i b[ijcb?=k]fXi]b \cdot XYb \cdot b \lambda W, ghYb \cdot 3J \setminus fYb \cdot k c \setminus b c W k Y]hYfij cfUbgW fY]hYb z \cdot gc \cdot Yfk UfhYb : UW \cdot Yi hY \cdot g][b]Z]_UbhY : cfhgW f]hhY'''; Ygi b X \ Y]hgX]Ybgh \ Y]ghYf \cdot gc \ hYb \cdot g]W \cdot XU \ Yf \cdot a]h \cdot XYb U_hi Y \ Y \cdot Yb \cdot HfYb Xg \ i b X \cdot HYW \ b c \ c[]Yb \ j YfhfUi h \ a UW \ Yb z \ i a \ b]W \ h XYb \ 5bgW \ i gg \ ni \ j Yf \]YfYb'' \ 9]b Y \ GhUb X Uf X]g]Yfi b[\ XYf \ 8 UhYb \ i b X Y]b Y \ \ b hY [fUh]cb \ i]b \ X]Y \ Y \ Y \ _hfcb]gW \ Yb \ DUh]YbhYb U_hYb \ g]b X Yb \ ybW \ Y]XYb X \ ZØf \ XYb \ 9fZc \ [ijcb?=]b \ XYf \ a YX]n]b]gW \ Yb \ DfUl]g'' 8 Yf \ 9]bgUhn \ X]YgYf \ HYW \ bc \ c[]Yb \ _Ubb \ X]Y \ 8]U[bcgh]_ \ i b X 6 Y \ Ub X \ i b[\ z'VYgcb XYfg']b \ XYf \ 6] \ Xj \ YfUfVY]hi b[\ z'Yf \ YV \]W \ j \ YfVYggYfb z'k]Y \ Ui \ W \ \]b \ Y]b Ya \ k Y]hYfYb \ 5fh]_ Y \ XYf \ B \ 76 \ = VYhcbh k \ fX''$

8]Y:: 51 ii bX:XUgil b]j Yfg]hÀhg_`]b]_i a '9f`Ub[Ybid`UbYbini XYa ž Y]bY:?cbZYfYbnini a 'H\Ya U'9bXca Yhf]cgYi]a '\\f\\$\\$, ini j YfUbghU`hYb"'8]YgYik]fX:Y]bik]W\h][Yf'GW\f]hhigY]bži a 'X]Y [Yk cbbYbYb'9f_Ybbhb]ggYini 'hY]`Ybii bX:X]Y 6Y\UbX`i b[ga Ò[`]W_Y]hYb'ZØf'VYhfcZZYbY': fUi Ybik Y]hYfini cdh]a]YfYb"'8Ug'DfcY_hi 9bXc?='_ObbhY'XUa]hiUi W\'`Ub[Zf]gh][Y]bYbik YgYbh`]W\Yb'6Y]hfU[ini f'JYfVYggYfi b['XYf'@YVYbgei U`]hÀh j cb'9bXca Yhf]cgY!DUh]Ybh]bbYb'`Y]ghYb"

8 Y hU]`g	
Cfh	9f`Ub[Ybž'8Yi hgWX`UbX
EiY``Yb	k k k "k]YgYbhVchY"XY
	• k k k "b\W]"b`a "b]\"[cj
	• da WbW]"b`a "b]\"[cj

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. 'b!U["XY