

9<: 'Mci h\ '7`i V 'Hfcd\m'< UbXVU``! i [YbX _ Aa dZh'i a 'XYb'Dc_U`']b'? O`b'

5a '%("'i bX'%) "' i b] 'Z]bXYh']b '8 cfa U[Yb 'XUg'9<: 'Mci h\ 7`i V'Hfcd\m':]bU`Y'a]h'Gd]hnYb!l %, !< UbXVU``hYUa g']b 'XYf @Ubl Ygg'5fYbU'ghUhh"



8cfa U[Ybž8Yi hgW\`UbX'!'8]Y'JcfZfYi XY'Ui Z'XUg'[fc\)Y < UbXVU``!9j Ybh'k ÀW\gh '5a '%("'i bX'%)"'\id b]'\&\&\) 'Z]bXYh']b 8cfa U[Yb'X]Y'9<: 'Mci h\ '7`i V'Hfcd\m'ghUhhž'Y]b'Hi fb]Yfž'XUg'X]Y VYghYb'I %, !<UbXVU``hYUa g'Ui g'[Ubn'9i fcdU'j YfY]bh''8]Y @UbI Ygg'5fYbU'k]fX'Ua 'GcbbhU['X]Y'6Ø\bY'ZØf'XUg'U``Yg YbhgW\Y]XYbXY':]bU`Y'V]YhYbž'XUg'i a '%%"'\\$'I\f'ghY][h''5a GUa ghU['k]fX'VYfY]hg'UV'- 'I\f'[Ygd]Y`h' 'Y]b'Ui ZfY[YbXYg K cW\YbYbXY'ZØf'X]Y'<UbXVU``ZUbg']gh'U`gc'[UfUbh]Yfh''? Gh5 VYf]W\hYhž'XUgg'X]Y'A UhW\Yg']a 'HGJ'6UmYf'GdcfhWybhYf']b 8cfa U[Yb'Ui q[YhfU[Yb'k YfXYb"

±bg[YgUa h'\UVYb'%*'HYUa g'X]Y'7\UbWY'Ui Z'XYb'H]hY`"'8]YgY'g]bX]b'j]Yf'; fi ddYb'Y]b[YhY]`hž'i bX'Yg'k]fX'bUW\'XYa 'VYk À\fhYb'9<:

: #85@(!: cfa Uh'[Ygd]Y`h '9g'[]Vh'nk Y]' < U`VZ]bU`gž'Y]b'Gd]Y`i a D`Uhn'XfY]'i bX'bUhØf`]W\'XUg'YbhgW\Y]XYbXY':]bU`Y"'8]Y hY]`bY\a YbXYb'7`i Vg'g]bX'\cW_UfÀh][.'Gc'k YfXYb'6UfÃU'Ui g GdUb]Ybž' < 7'9i fc ZUfa 'DY`]ghYf'Ui g'A UnYXcb]Ybž'; C; 'Ui g 8ÀbYa Uf_'i bX'X]Y'J YgndfÅa '< UbXVU``'5WUXYa m'Ui g'I b[Ufb']\f HU`Ybh'i bhYf'6Yk Y]g'ghY``Yb"'9<: '\YVh'\Yfj cfž'XUgg'U``Y'DUfh]Yb `]j Y'Ui Z'9<: HJ'[YghfYUa h'i bX'j cb'`c_U`Yb'GYbXYfb'VY[`Y]hYh k YfXYb"

Gd]Y`d`Ub i bX H]W_Yh]bZcg

5a 'GUa ghU[ž'XYb'%("'\$\dagger's)]ž'ghY\Yb'Zc`[YbXY'A UhWXYg'Ui Z'XYa Dfc[fUa a .

- - 'I \ f. '< 7 '9i fc ZUfa 'DY`]ghYf'| g"'; C;
- %%.'\$'I\f.'6UfÃU'jg"'JYgndfÅa '<UbXVU``'5WUXYa m

5a `GcbbhU[`k]fX`XUbb`ni bÀW\gh`XUg`Gd]Y``i a `D`Uhn`XfY]
Ui g[YhfU[Ybž'VYj cf`X]Y`GhUfg`XYg`< UbXVU``g`i a `XYb`H]hY`
_Àa dZYb"`H]W_Yhg`ZØf`X]Y`J YfUbghU`hi b[`g]bX`gck c\``ØVYf`X]Y
K YVgY]hY`XYf`@Ubl Ygg`5fYbU`U`g`Ui W\`hY`YZcb]gW\`i bhYf
\$&&\!, \$&\$`Yf\A`h`]W\"`<]Yf`[]`h`Yg`ni gW\`U[Ybž`XYbb`X]Y
BUW\ZfU[Y`bUW\`XYb`VY[Y\fhYb`D`AhnYb`]gh`g]W\Yf`\cW\`

9]b bYi Yg K YhhVYk YfVgZcfa Uh ZØf X]Y I %,

6YgcbXYfY'6YUW\hi b['[]'h'XYa 'bYi Yb': cfa Uh'XYf'9<: 'Mci h\
7'i V'7ca dYh]h]cbž'X]Y'dUfU``Y``ni f'9<: '7\Ua d]cbg'@YU[i Y
Xi fW\Z\[M\K]fX"'\dg[YgUa h'\"\XYf'\"\7'i Vgž'X]Y']b'XYf
A UW\]bYgYY_Yf'9<: '7\Ua d]cbg'@YU[i Y'\&\\$\((\mathbb{\eta}\)\)'gd]Y`Ybž'g]bX
XUVY]'HY]``X]YgYg'Hi fb]Yfg"'< \(\mathbb{\eta}\)XVU```\D`\UbYh'_\Afn'\XUf\[M\Yf'\]\)i Z\[X\]XUgg'g]W\[X\]Y'HYUa g'Ui g'j]Yf'[Yc[fUZ]gW\Yb'; fi ddYb
ni gUa a YbgYhnYb'i bX'\X]Y'G]Y[Yf'\XYf'\[Ei\U\]]Z]_Uh]cbghi fb]YfY'g]W\[\Z\[M\T\]f'\[X\]Y']b'?\[O\]b'ei\U\]Z]n]YfYb"'8\Ug'\Yf]b[h'\Z\[g\]W\Yb'\[\A\]b\X']b
X]Y'\[\%\]!?cb_i ffYbn'i bX'\[A\]gh'\[b[Y'\HU\Y\bh\Y\]['\A\]bn\Y\b'''

8]YgYg'K cW\YbYbXY'k]fX'gca]h'b]W\h'bi f'ZØf'X]Y'HYUa gž'gcbXYfb Ui W\'ZØf'U``Y'<UbXVU``!: Ubg'Y]b'Ui ZfY[YbXYg'9f`YVb]g"'A Ub'XUfZ $[YgdUbbh'gY]b\check{z}'kY`WkY'Gd]Y`Yf'X]Y'[f\grave{O}*hYb'HU`YbhY'UiZ'XYa'D`UhnnY][Yb'ibX'j]Y``Y]Wkh'ZØf'ni_ØbZh][Y'[fc*Y'?Uff]YfYb']b'XYf
 <UbXVU``kY`h'gcf[Yb''8]Y'5hacgd\AfY']b'8cfaU[Yb'ibX'XYf@UblYgg'5fYbU'k]fX'a]h'G]WkYf\Y]h'YhkUg'[Ubn'6YgcbXYfYg'gY]b''$

8 YhU]`g	
Cfh	8cfa U[Ybž8Yi hgWX`UbX
EiY``Yb	• k k k "_ghU"XY
	Y\ZW"Yi fc\UbXVU``"Wca
	k k k "\ Ub X V U``! d`Ub Y h" Wc a

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