

8c``Uf!: cfhgWXf]hhY'VY]'=bZ`Uh]cbggcf[Yb/'; Y\U`hgUVfYWXbib[gXUhYb'VYÀi[h

A]h² 'dfY]gY'5a 'ZfØ\Yb'A]hhk cW\'YffY]W\hYb'X]Y'5_h]Yb']\fYb\\OW\ghYb'GhUbX'gY]h'g]YVYb'\J\\fYb\z'i bX'X]Y'FYbX]hYb'j cbGhUUhgUb'Y]\Yb'gh]Y[Yb'k Y'hk Y]h\z'VYj cf'g]Y'gd\hYf']b'XYf'G]hni b[Y]b][Y'XYf'6Yk Y[i b[Yb'i a _Y\fhYb"

K UgʻG]YʻX]YgYʻK cW\YʻgY\Ybžʻg]bXʻa Y\fʻ⊕ZUh]cbgÀb[ghYž'X]YʻUi Z XYbʻ; YgUa ha Uf_hʻXf]b[Yb žʻgU[hYʻA]b\`HfUb[žʻGYb]cfʻ7i ffYbWm HfUXYfʻVY]ʻXYfʻG]`]WcbʻJ U``Ymʻ6Ub_ʻ]bʻGUbhUʻ7`UfUžʻ?U`]Zcfb]Yb"

.

GhY][YbXYf' ± Z`Uh]cbgXfi W_'_ObbhY'XUg'K UW\ghi a VYY]bhfÀW\h][Yb'i bX'5i gk]f_i b[Yb'XUfUi Z'\UVYbž'k]Y'gW\bY``'X]Y :YXYfU`FYgYfjY'X]Y'N]bggÀhnY'Ub\YVYb'_Ubb"

8]Y: YXYfU`FYgYfj Y`\Uh'Ub[Y_ØbX][hž'XUgg'g]Y`k U\fgW\Y]b`]W\VYfY]hg']a 'Bcj Ya VYf'XUa]h'VY[]bbYb`k]fXž']\fY'a cbUh`]W\Yb 5b`Y]\Y_Ài ZY'ni 'fYXi n]YfYb'i bX'XUbb'a]h'N]bgYf\Ò\i b[Yb Zcfhni ZU\fYbž'XU'X]Y'5V_Y\f'XYf'I G!BchYbVUb_'j cb'XYf'DUbXYa]Y!?f]gYbdc`]h]_'Ub': U\fh'[Yk]bbh"

 $8]Y : fU[Y'k]fX'gY]b\check{z}'cV'X]Yg'X]Y : YX'XUni 'nk]b[h\check{z}'gWkbY``Yf'U`g'Yfk UfhYh'ni '\UbXY`b \check{z}'gU[hY'HfUb["$

 $8 \ Yf' \ G! \ 8 \ C`` Uf! \ K \ A \ fi \ b[\ g] \ b \ X \ Y \ J' \ Yf' \ X \ Yf' \ X \ Yf' \$

8]Y 5b`Y[Yf'V`]YVYb`]b`6Yni [`Ui Z'X]Y`J Yf\UbX`i b[Yb`ØVYf'X]Y`I G!GWi `XYbcVYf[fYbnY`bYfj ÒgžcVk c\``XYf`cVYfghY`F Ydi V`]_UbYf XYg`I G!GYbUhgžʿA]hW\`A W7cbbY``žʿgU[hYž˙gY]bY`DUfhY]`k YfXY`Y]bY JYf`Àb[Yfi b[`XYf'6i bXYggW\i `XYbcVYf[fYbnY`V]g`]b`XYb 8YnYa VYf`[YghUhhYbž'Y]b`GW\f]hhž`XYf`Y]bYb`\]ghcf]gW\Yb NU\`i b[gUi gZU```a]h`Y]bYa `\c\Yb`k]fhgW\UZh`]W\Yb`Hf]Vi h UVk YbXYb`k ØfXY"

 $8 \ Yf'I \ G!; \ Y\setminus U`hgVYf]W\&h'ni \ a \ `9bXY`XYf'K \ cW\&Y\check{z}`XYf'<]bk \ Y]gY`Ui \ Z \ XYb`bAW\&ghYb`GW\&f]hh'XYf'I \ G!BchYbVUb_`[YVYb`_ObbhY\check{z}`V`Y]Vh'Y]b \ GW\&k \ Yfdi \ b_h'XYf'5b`Y[Yf''$

; Y\U`hgUVfYW\bib[Yb'jca: fY]hU['Ui » Yf\U`V'XYf
@UbXk]fhgW\UZh'@Ui h'Y]bYf'FYi hYfg!I a ZfU[Y'k]fX'Yfk UfhYhž
XUgg'X]Y'8 UhYb'Y]bY'Ub\U`hYbXY'J YfVYggYfi b['XYg
5fVY]hga Uf_hYg'nY][Ybž'k cVY]']a 'GYdhYa VYf'(+' "\$\$\$'bYi Y
5fVY]hgd`ÀhnY'Yfk UfhYh'k YfXYb"

 $\begin{tabular}{ll} K Ybb'k]f']f[YbXk c']a '6UgYVU``ghUX]cb'g]bX' & 'i bhYfghØhnh'Yg XYb'8c``UfhfYbXž'XYb'k]f'[YgY\Yb'\UVYb ž'gU[hY'HfUb[" \end{tabular} \begin{tabular}{ll} F'[YgY\Yb'\UVYb Z'gU[hY'HfUb[" \end{tabular} \begin{tabular}{ll} F'[YgY\Yb']& 'Yb'' \end{tabular} \end{tabular} \begin{tabular}{ll} F'[YgY\Yb'']& F'[YgY\Yb''']& F'[YgY\Yb'']& F'[YgY\Yb''']& F'[YgY\Yb''']& F'[YgY\Yb''']& F'[YgY\Yb''']& F'[YgY\Yb''']& F'[YgY\Yb'''']& F'[YgY\Yb''''']& F'[$

8]Y'df]j UhYb'l G!; Y\À`hYf'gh]Y[Yb']a 'GYdhYa VYf'ghÀf_Yf'U`g Yfk UfhYhž'U`g'X]Y'7CJ=8!%-!\DZY_h]cbYb'bUW\`]Y\Ybž'k Ug'Yg'XYb 5a Yf]_UbYfb'Yfa Ò[`]W\hYž'ni 'fY]gYbž'FYghUi fUbhg'ni 'VYgi W\Yb i bX'g]W\'k]YXYf'Ub'UbXYfYb'5_h]j]hÀhYb'a]h'\c\Ya '?cbhU_h'ni VYhY]`][Ybž'k]Y'XYf'58D'BUh]cbU`'9a d`cma Ybh'FYdcfh'Ua A]hhk cW\'nY][hY"

8]Y']a d`]n]hY'Jc`Uh]`]hÀh'XYg'DZi bX'GhYf`]b[#8c``Ufž'Y]b'; fUXa YggYf ZØf'Yfk UfhYhY'GWk Ub_i b[Ybž'X]Y']b'K À\fi b[gcdh]cbYb Y]b[YVYhhYh'g]bXž'gh]Y['Ua'A]hhk cW\'Ui Z'Y]b'G]YVYba cbUhg\cW\ j cb'fi bX'+ž-'i ž'XU'ghY][YbXY'9bYf[]YdfY]gY'i bX'Y]b'5bgh]Y['XYf5b`Y]\YfYbX]hYb'XUg'DZi bX'[Y[YbØVYf'XYa'; fYYbVUW_i'a'\$ž'i b]YXf][Yf'`]Y»Yb"

8]Y'GhÀf_Y'XYg'; fYYbVUW_gž'_ca V]b]Yfh'a]h'Y]bYf'5VbY][i b[
[Y[YbØVYf'f]g_UbhYfYb'K À\fi b[Ybž'`]Y»'XYb'bYi gYY'ÀbX]gW\Yb
8c``Uf'i a '\$ž+ı 'g]b_Ybž'cVk c\``X]Y'bYi gYY'ÀbX]gW\Y'NYbhfU`VUb_
Ua 'A]hhk cW\'ni a 'YfghYb'A U``gY]h'g]YVYb'\\J\fYb'X]Y'N]bgYb
Ub[Y\cVYb'\Uh'i bX'Y]bY'k Y]hYfY'N]bgYf\O\i b['g][bU`]g]Yfh'\Uh''

I bhYfXYggYb 'gh]Y['6]hWc]bž'X]Y 'bUW\ 'A Uf_hk Yfh'[fÒ» hY ? fmd hc k À\fi b['XYf'K Y`hž'i a '* ž&+ı 'Ui Z') ("+&, \ddot{z} - '` ž'XYb\\ÒW\ghYb 'GhUb X 'gY]h'A U]"

9]bYb'6`]W_'Ui Z'U``Y'K]fhgW\UZhgYfY][b]ggY'jcb'\Yi hY'Z]bXYb'G]Y']bibgYfYa'K]fhgW\UZhg_U`YbXYf"

fbYf]WXhYfghUhhi b[ˈj cbˈGUe]V ⊕VU`5\a YXžFYXU_h]cbˈj cb K]``]Ua 'A UWYUbŁ

8 YhU]`g

6 Y gi W Y b 'G]Y 'i b g 'Ui Z '_fmd hc!b Y k g "Uh