

A Uf]Y!5b[Y'B[i W]'VY[Y]ghYfh'VY]a \Y]»Yb'K UbXY`_cbnYfh']b'6UX'?]gg]b[Yb°

9f`YVYb`G]Y`XUg`?cbnYfh'j cb`D]Ub]gh]b`A Uf]Y!5b[Y`B[i W] VY]a `?]gg]b[Yf`Gca a Yf`&\$&) `]a `?i f[UfhYbž'j c``Yf _`Ugg]gW\Yf`< O\Ydi b_hY"



8]Y']b': fUb_fY]W\'[YVcfYbY'A Uf]Y!5b[Y'B[i W]']gh']b'6UX
?]gg]b[Yb'_Y]b'i bVY_UbbhYg'; Yg]W\h/'gW\']Y»`]W\'[UV'g]Y'&\$%)']\f
8YVØh'VY]a'?]gg]b[Yf'?`Uj]YfC`ma d'i bX'bU\a'&\$%*'Ub'XYf
?]gg]b[Yf'?`Ub[K Yf_ghUhh'hY]`"BUW\']\fYb']bhYfbUh]cbU`Yb

5i Zhf]hhYb 'nc ['Yg'g]Y 'ni fØW_']b 'X]Y 'GhUXhž'X]Y ']\f'Y]bY 'VYgcbXYfY 5bV]bXi b ['V]YhYh" \Rightarrow f'Y]bXfi W_gj c ``Yg'Dfc [fUa a 'Ub 'X]YgYa Gca a YfhU ['VY]b\U`hYhY 'Ubgdfi W\gj c ``Y'K Yf_Y'j cb 'F Uj Y`'i bX 7\cd]bž'X]Y 'gck c\`'hY W\b]gW\Y': Yfh][_Y]hYb 'U`g'Ui W\'ghUf_Y BYfj Yb 'YfZcfXYfhYb" '8]Y 'D]Ub]gh]b 'gY`VYf'Yf_`ÀfhYž'XUgg']\fY 8UfV]Yhi b ['Y]bY' < ca a U [Y'Ub 'X]Y 'ZfUbnÒg]gW\Yb 'GU`cbg']ghž'ZØf X]Y 'X]Y 'GhØW_Y' i fgdfØb [`]W\'[YgW\f]YVYb'k i fXYb"

9]b 'j c ``Yf '9fZc `[']a '? i f[UfhY b

8 Ugʻ?cbnYfhZcfa Uhʻk UfʻVYgcbXYfgʻUbgdfYWkYbX.ʻ9gʻZUbXʻc\bY DUi gYʻghUhhʻi bXʻVchʻXYbʻ6Ygi WkYf.]bbYbʻX]YʻA Ò[`]Wk_Y]hžʻg]Wk [Ubn'Ui ZʻX]YʻA i g]_ʻni ʻ_cbnYbhf]YfYb"ʻNi gÀhn`]Wkʻk i fXYʻY]b DU_YhdfY]gʻj cbʻ) - ʻ9i fcʻUb[YVchYbžʻXYfʻ:]b[YfZccXʻi bX'; YhfÀb_Y VY]b\U`hYhYž'k UgʻY]bʻ[YgY``][Ygʻ5a V]YbhYʻgWki Z''8]YʻGhUXhʻ6UX ?]gg]b[Ybʻ\UhʻU`gʻJYfUbghU`hYfʻ\]YfZØfʻ]bʻXYbʻ5f_UXYbʻXYg ? i f[UfhYbgʻ[Ygcf[hi bXʻX]Yʻ; ÀghYʻa]hʻY]bYaʻ[Øbgh][Yb ; YgUa hdU_YhʻY]b[Y`UXYbžʻY]bYbʻk i bXYfj c``YbʻHU['ni '[Yb]Y»Yb"

A Uf]Y!5b[Y'B[i W]'\Uh'g]W\'a]h']\fYb'Gc`cVY]hfÀ[Yb'ni f < Ui dhghUXh'XYf'Fi\Y'Y]bYb'BUa Yb'[Ya UW\h'i bX'VYgh]W\h'Xi fW\
]\fY: À\][_Y]hž'Ui W\'gW\k]Yf][ghY'DUggU[Yb'a]h'@Y]W\h][_Y]h'ni
a Y]ghYfb"'Gc'VYgW\f]YV'Y]bY'Ni\ÒfYf]bž'XUgg'g]Y'XUg'; YZØ\`\UhhYž']b'Y]bY'UbXYfY'K Y`h'Y]bni hUi W\Yb"'BYVYb'B[i W]'k Uf'Ui W\
X]Y'5i ZZØ\fi b['j cb'<ÀbXY`g' A Ygg]U\ 'Y]b'<][\`][\h'XYg'HU[YgžX]Y'i a '%%.\$\$'I\f'a]h'VYY]bXfi W_YbXYb'A]hk]f_YbXYb'k]Y': `cf]Ub
GW\a]hh!6c\b'i bX'@mX]U'GW\]a a Yf'[YghUfhYh'k i fXY'i bX'i a
%(.'\$'I\f'k]YXYf\c`h'k i fXY''

9]b a i g]_U]gWX Yg 9fYVb]gžXUgVYY]Vh

8]Y'FYgcbUbn'Ui Z'XUg'?cbnYfh'k Uf'Xi fWk Y['dcg]h]j "'9g']gh'_`Ufž XUgg'6UX'?]gg]b[Yb'b]Wkh'bi f'ZØf'gY]bY'\Y]» Y'Gca a Yf\]hnYž gcbXYfb'Ui Wk'ZØf'gY]bY'`YVYbX][Y'?i `hi fgnYbY'VY_Ubbh']ghž'X]Y Xi fWk']bhYfbUh]cbU`Y'HU`YbhY'k]Y'A Uf]Y!5b[Y'B[i Wj'VYfY]WkYfh k]fX"'8]Y'D]Ub]gh]b'k]fX'Ui Wk']b'Ni _i bZh'g]WkYf'j]Y`Y'k Y]hYfY': Ubg [Yk]bbYbž'i bX'Yg'V`Y]Vh'gdUbbYbXž'k Y`WkY'a i g]_U`]gWkYb Dfc Y_hY'g]Y'U`g'BÀWkghYg'Ub[Y\Yb'k]fX"

 $: \varnothing f'U``Y\check{z}'X]Y`]b`XYb`b\grave{A}W\&ghYb`AcbUhYb`kY]hYfY`_i`hifY``Y \\ <][\ `][\ hg`Yf`YVYb`a\grave{O}W\&hYb\check{z}`c\ bh`g]W\&Y]b`6`]W_']b`XYb \\ JYfUbghU`hib[g_U`YbXYf"`5i W&`XYf'?]gg]b[Yf`GcaaYf`ghY\ h'jcf XYf`H\varnothingf'ibX'jYfgdf]W\&hž'k]Y`]aaYfžY]b`: Ygh`XYf'? \varnothing bghY`nikYfXYb"`$

Gc·V`Y]Vh'bi f'ni 'gU[Yb.'6UX'?]gg]b[Yb'Yf`YVh'Y]bYb'gca a Yf`]WXYb?i `hi fVcca ž'i bX'k Yf'XUVY]'gY]b'k c``hYž'k Uf'[i h'Ui Z[Y\cVYbVY]a '?cbnYfh'j cb'A Uf]Y!5b[Y'B[i W]'i bX'XYb'k Y]hYfYb8UfV]Yhi b[Yb'Ub'X]YgYa 'k i bXYfgWX Ob'\Y]»Yb'HU["

A Y\f' \Dcghz'XYb'8YhU]\cdot g'XYg'J YfUbghU\hi b['Z]bXYb'G]Y'\]Yf'VY]'XYf'

A U]b!Dcghz'XYb'8YhU]\cdot g'XYg'J YfUbghU\hi b[gdfc[fUa a g'Ui Z'XYf'

K YVgY]hY'XYf'GhUXh'6UX'?]gg]b[Yb'i bX'kY]hYfYb'_i \hi fY\`Yb

HYfa]bYb'Ui Z'7cbWfh]"XY"

8 YhU]`g	
Cfh	6UX'?]gg]b[Ybž'8Yi hgWX`UbX
EiY``Yb	k k k "a U]bdcgh"XY
	k k k "VUX_]gg]b[Yb"XY
	k k k "WcbWfh]"XY

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