

; f]b[c'A UmYf'VY[Y]ghYfh'+\$\$'Ni gWXUi Yf. 9]b'Jc'_g`]YX!9j Ybh'XYf'9l hfU_`UggY

; f]b[c^A UmYf^VY[Y]ghYfh^a]h^GhUX]cbgh]a a i b[^]b^6UX $8 \varnothing f_Y$ a . '+\$\$: Ubg^g]b[Yb^VY]' : UVf][[a]h^i bX^ZY]Yfb Y]bYb^i bj Yf[Ygg^]WXYb^5VYbX"

; $f]b[cAUmYfVY[Y]ghYfhGUXBØf_\Y]aGa]h$ $Jc`_g`]YXYfb$

8]Y'JYfUbghU`hi b[']b'6UX'8Øf_\Y]a 'Ua 'j Yf[Ub[YbYb K cWXYbYbXY'k Uf'Y]b'YWXhYg'<][\`][\hiZØf'X]Y'`c_U`Y'Aig]_gnYbY" I bhYf'XYa 'gWX]a a YfbXYb'<]a a Y``ZUbXYb'g]WX'+\$\$'YbhnØW_hY Ni gWXUi Yf'Y]bž'i a 'XYb'bYi Yb'J c`_ga i g]_ghUf'; f]b[c'A UmYf'ni Yf`YVYb"'GWXcb'VY]a 'YfghYb'@]YXž': UVf][[ž'ZØ\`hY'g]WX'XUg Di V`]_i a 'k]Y'VY]'Y]bYa '<Y]a gd]Y`' 'Y]b'; YZØ\`ž'XUg'ØVYfU``']b XYf'@i Zh``U["

GhUX]cbgh]a a i b[i bX; Ya Y]bgW\UZhgYf`YVb]g

GhUX]cbgh]a a i b['\YffgW\hY']b'XYf'@]a Vi f[ž'U`g'X]Y'Ni gW\Ui Yf']a 7\cf'a]hgUb[Yb"; f]b[c'A UmYfž'XYf'U`g'XUg'bYi Y'D\Àbca Yb'XYg DÀ`nYf`]YX[i hg '[]`hž'ghY``hY'_`Uf.' =\W\a UW\'X]Y'A i g]_ž'UVYf'X]Y DUfhm'a UW\h']\f" '8]YgY'5i ggU[Y'nY][hž'k]Y'k]W\h]['X]Y =\bhYfU_h]cb'nk]gW\Yb'? Øbgh`Yf'i bX'Di V`]_i a ']gh"'K Ybb'X]Y A YbgW\Yb'g]W\'k c\`ZØ\`Yb'i bX'U_h]j 'hY]`bY\a Ybž'YbhghY\h'Y]b Y]bn][Ufh][Yg'; Ya Y]bgW\UZhgYf`YVb]g"

9]b 6`]W_ Ui Z X Y b ? Øbgh`Y f

; f]b[c'A UmYf'\Uh'g]W\']b'XYf'`YhnhYb'NY]h'Y]bYb'BUa Yb'[Ya UW\hž]bXYa 'Yf'hfUX]h]cbY``Y'A Y`cX]Yb'a]h'a cXYfbYbž'a]hfY]» YbXYb
5ffUb[Ya Ybhg'_ca V]b]Yfh'''GY]b'Gh]`'gdf]W\h'Y]b'VfY]hYg'Di V`]_i a
Ub'i bX'hfÀ[h'ni f'K]YXYfVY`YVi b['XYf'fY[]cbU`Yb
A i g]_hfUX]h]cbYb'VY]'''8]YgY'HYbXYbn'fY]» h'b]W\h'UV'''j]Y`Y
A i g]_Yf']b'XYf'FY[]cb'bY\a Yb'g]W\'Ub']\a 'Y]b'6Y]gd]Y``i bX
Vf]b[Yb'Jc`_qa i q]_'ni fØW_']bg'; YgdfÀW\''

8]Y 6YXYi hi b[ZØf X]Y FY[]cb

8]Y'JYfUbghU'hi b[']gh'a Y\f'U'g'Y]b'?cbnYfhYfY][b]g/'g]Y'ZÒfXYfh
X]Y'`c_U`Y'?i `hi f'i bX'Vf]b[h'X]Y'A YbgWXYb'ni gUa a Yb'''K Ybb
Aig]_'i bX'; Ya Y]bgWXUZh'Ui ZY]bUbXYfhfYZZYbž'gh]ZhYh'XUg'\(\Rightarrow\)Ybh\hi bX'gh\haf_h'XYb'gcn]U`Yb'Ni gUa a Yb\U`h'''\(\Rightarrow\)NY]hYb'XYf'X][]hU`Yb\(\Rightarrow\)gh'X]Yg'Y]b'k]WXh][Yg'9`Ya Ybh\hai a 'X]Y'A YbgWXYb\(\alpha\) a]hY]bUbXYf'ni 'j YfV]bXYb'i bX'`c_U`Y'HfUX]h]cbYb'Ua '@YVYb'ni\\Yf\U`hYb''

: Un]h. '9]b 'YfZc`[fY]W Yg'< Y]a gd]Y` 'ZØf'X]Y J c`_ga i g]_

; f]b[c'A UmYfg'5i Zhf]hh']b'6UX'8 \emptyset f_\Y]a'k Uf'Y]b'jc``Yf'9fZc`["'8]Y ZfÒ\`]WXY'5ha cgd\ÀfY'i bX'X]Y'a]hfY]» YbXYb'A Y`cX]Yb'`i XYb'b]WXh bi fini a'A]hg]b[Yb'Y]bž'gcbXYfb'gWXi ZYb'Ui WX'Y]bY; Ya Y]bgWXUZhgYfZU\fi b["'9g'V`Y]Vh'UVni k UfhYbž'k Y`WXYb'9]bZi gg X]YgYf'bYi Y'Jc`_g`]YX!<Y`X'Ui Z'X]Y'k Y]hYfY'9bhk]W_`i b['XYf Aig]_gnYbY']b'XYf'FY[]cb'\UVYb'k]fX"'9]bYg']gh'YXcWX'[Yk]gg. 8]Y'A YbgWXYb'g]bX'VYfY]hž'X]Y'Aig]_'i bX'X]Y'XUa]h'j YfVi bXYbYb HfUX]h]cbYb'ni 'ZY]Yfb"

B 5 :

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