

K YfVYj]hf]bYb]b 6Yf`]b [Y_UdYfh. DfchYgh_Ua dU[bY [Y[Yb F Ua a ghY]b! ?cbnYfhY YbhZUW h

8]Y 5_h]cbg[fi ddY / Ua d/, &&&/F Ua a BY]b / Ua d/, &&\$/\Uh]b 6Yf]b Y]bY DfchYgh_Ua dU[bY [Y[Yb X]Y F Ua a ghY]b! ?cbnYfhY [YghUfhYh" @Ui h Y][YbYb 5b[UVYb \ UVYb g]Y K YfVYj]hf]bYb]b 6Yf]b [Y_UdYfh i bX a]h Y][YbYb DcghYfb j YfgY\Yb "8]Y DcghYf nY][Yb F Ua a ghY]b!GAb[Yf H]`` @]bXYa Ubb i bX ghY ``Yb]\b]b Y]bYf dfcj c_Uh]j Yb DcgY XUf" VYf XYa 6]`X ghY\hXYf GWXf]Zmi [/ Ua d/, &&&/HAhYfb Y]bYb F Ui a [YVYb/ Ua d/, &&\$/"8]Y; fi ddY _f]h]g]YfhZ XUgg F Ua a ghY]b hfchn XYf J cfk ØfZY [Y[Yb @]bXYa Ubb i bX XYf ``Ui ZYbXYb 9fa]hhì b[Yb XfY] ?cbnYfhY]b 6Yf `]b gd]Y `Yb XUfZ" G]Y k YfZYb XYf C `ma d]UghUX]cb 6Yf `]b ; a V < i bX gca]h XYa @UbX 6Yf `]b j cfZ XYb HAhYfb Y]bYb F Ui a `ni [YVYb" 8]Y 6Yf `]bYf Dc `]nY] `\ Uh VYghAh][hZ XUgg Y]b gc `WX Yg D`U_Uh]b Y]bYf K YfVYj]hf]bY / Ua d\Y ``]d/



8]Y'5_h]cbg[fi ddY' FUa a BY]b°'\Uh']b'6Yf`]b'Y]bY
DfchYgh_Ua dU[bY'[Y[Yb'X]Y'FUa a ghY]b!?cbnYfhY'[YghUfhYh''
@Ui h'Y][YbYb'5b[UVYb'\UVYb'g]Y'K YfVYj]hf]bYb']b'6Yf`]b

[Y_UdYfh'i bX'a]h'Y][YbYb'DcghYfb'j YfgY\Yb"8]Y'DcghYf'nY][YbFUa a ghY]b!GÀb[Yf'H]```@]bXYa Ubb'i bX'ghY``Yb']\b']b'Y]bYfdfcj c_Uh]j Yb'DcgY'XUf", VYf'XYa '6]`X'ghY\h'XYf'GW\f]Zhni [HÀhYfb'Y]bYb'FUi a '[YVYb "'8]Y'; fi ddY'_f]h]g]Yfhž'XUggFUa a ghY]b'hfchn'XYf'Jcfk ØfZY'[Y[Yb'@]bXYa Ubb'i bX'XYf`Ui ZYbXYb'9fa]hhìi b[Yb'XfY]'?cbnYfhY']b'6Yf`]b'gd]Y`Yb'XUfZ''G]Yk YfZYb'XYf'C`ma d]UghUX]cb'6Yf`]b'; a V<ii bX'gca]h'XYa '@UbX6Yf`]b'j cfž'XYb'HÀhYfb'Y]bYb'FUi a 'ni' [YVYb"

8]Y'6Yf`]bYf'Dc`]nY]'\Uh'VYghÀh][hž'XUgg'Y]b'gc`WXYg'D`U_Uh']b'Y]bYf K YfVYj]hf]bY'Ua 'G!6U\b\cZ'K Ygh_fYi n'YbhXYW_h'k i fXY"'8Ug D`U_Uh'k]fX'bi b'j cb'XYf'G!6U\b'6Yf`]b'YbhZYfbh"'K Y]hYfY J cf_ca a b]ggY'k UfYb'XYf'Dc`]nY]'YXcWX'b]WXh'VY_Ubbh"

8]Y 5_h]cbg[fi ddY _f]h]g]Yfh']b']\fYf'A]hhY]`i b['X]Y '9bhgW\Y]Xi b[XYg'@UbXYg'6Yf`]bž'X]Y '?cbnYfhY 'ghUhhZ]bXYb'ni '`UggYb'''Hfchn'ØVYf+) "\$\$\$'I bhYfgW\f]ZhYb'Y]bYf'; Y[YbdYh]h]cb'i bX'XYf'U_hi Y``YbGUW\`U[Y'dfcZ]h]YfY'XUg'@UbX'6Yf`]b'j cb'XYb'?cbnYfhYb''8]Y; fi ddY'ZcfXYfh'Y]b'JYfVch'XYf'?cbnYfhY'i bX'gW\`]Y»h'g]W\'XYb:cfXYfi b[Yb'XYf'I bhYfnY]W\bYfl]bbYb'Ub.'FUa a ghY]b'[Y\Ofhb]W\h'Ui Z'X]Y'6Ø\bY°

5a 'GUa ghU[UVYbX'ZUbX'XUg'YfghY'j cb'XfY]'F Ua a ghY]b!
?cbnYfhYb']a 'C 'ma d]UghUX]cb'6Yf`]b'ghUhh" =a 'J cfZY'X'_Ua 'Yg'ni
DfchYghYb"'9]b][Y'ZcfXYfhYb'Y]bY'5VgU[Y'XYf'?cbnYfhY'Ui Z[fi bX
XYf'[Y[Yb'@]bXYa Ubb'Yf\cVYbYb'J cfk ØfZY"' =bbYbgYbUhcf]b' =f]g
GdfUb[Yf'Yf_'ÀfhY'YXcW\ž'XUgg'g]Y'X]Y'?cbnYfhY'b]W\h'j YfV]YhYb
_`ObbY"'8]Y'5ZhYfg\ck!DUfhmg'k i fXYb'YXcW\']b'XYb
@]Y[YbgW\UZhYb'XYf'GYbUhcf]b'i bhYfgU[h"

?i `hi fgYbUhcf' \approx Y'7\]U`c'gdfUW\'g]W\'YVYbZU``g'[Y[Yb'Y]b'JYfVch XYf'?cbnYfhY'Ui g"'9g'VYghY\Y'XYfnY]h'_Y]b'fYW\h`]W\Yf'<YVY``ZØf Y]b'JYfVchž'i bX'a Ub'X \emptyset fZY'b]Ya UbXYb'j cfj Yfi fhY]`Yb"

A Y\fYfY: fUi Yb`\UVYb`Jcfk ØfZY`[Y[Yb': fcbha Ubb`H]`` @bXYa Ubb`Yf\cVYb"`9g`k]fX`jcb`VYÀb[gh][YbXYb`G]hi Uh]cbYb i bX`gYliY``Yb`<UbX`i b[Yb`VY]`5ZhYfg\ck dUfhmg`VYf]W\hYh" @bXYa Ubb`kY]gh`X]Y`Jcfk ØfZY`ni fØW_"`GY]bY`5bk À`hY`VYnY]W\bYb $X]Y'Jcfk \varnothing fZY'U`g'ibk U\f'ibX'jYfk Y]gYb'UiZ'6Y\Uidhib[Yb']bgcn]U`Yb'BYhnk Yf_Yb"$

8]Y'GhUUhgUbk U`hgW\UZh'6Yf`]b'\Uh'Y]b'9fa]hh`i b[gj YfZU\fYb [Y[Yb'@]bXYa Ubb'Y]b[Y`Y]hYh''6]g'ni a '5VgW\`i gg'XYf 9fa]hh`i b[Yb'[]`h'X]Y'I bgW\i `Xgj Yfa i hi b["

8 YhU]`g

6Ygi WXYb 'G]Y 'i bg 'Ui Z. 'a Y]b!VYf `]b "bYh