

Hcd!: ØbZ!D`Uhn]Yfi b[. GG7: fY]gYb VY[Y]ghYfh`VY]`XYb`8Yi hgWXYb A Y]ghYfgWXUZhYb

8]Y'I'%) 'XYg'GG7': fY]gYb'YffY]W\h'VY]'XYb'8Yi hgW\Yb 6YUW\j c``YmVU``a Y]ghYfgW\UZhYb']b'@c\\cZ'Y]bYb'ghUf_Yb $Z\emptyset$ bZhYb'D`Uhn'i bhYf'[fc $_$ Yf'6YUW\hi b["

9]b A Y]`YbghY]b ZØf XYb B UW k i W g Ui Z XYa GUb X

8]Y'8Yi hgWXYb'6YUWJ c``YmVU``a Y]ghYfgWXUZhYb']b'@c\\cZ'\UVYbZØf'X]Y'I '%) 'XYg'GG7': fY]gYb'Y]bYb'i bj Yf[Ygg`]WXYb'A ca Ybh VYgWXYfh"'A]h'Y]bYa 'VYY]bXfi W_YbXYb'ZØbZhYb'D`Uhn'VYk]Yg'XUg HYUa 'b]WXh'bi f'gY]bY'gdcfh`]WXY'GhÀf_Yž'gcbXYfb'gcf[hY'Ui WX'ZØf ghfU\`YbXY'; Yg]WXhYf'i bhYf'XYb'a]h[YfY]ghYb': Ubg'i bX'XYf HfU]bYf]b'6f][]hhY'GWXi a UWXYf"

8 Y f 'K Y ['ni a '9 f Zc `[

± XYfJcffi bXY'ØVYfnYi [hY'X]Y'A UbbgW\UZhž'Ub[YZØ\fh'j cb?Ud]hÀb]b = XU'GW\bY]XYfž'Xi fW\'\YfUi gfU[YbXY'@Y]ghi b[Yb"'A]h G]Y[Yb'[Y[Yb'XYb': H': fY]Vi f['%, (('f&.%Ł'i bX'XYb'%"'J 7'DUfW\]afl .\$Ł'g]W\YfhY'g]W\'XUg'HYUa 'gci j YfÀb'XYb'YfghYb'D`Uhn']b'XYf ; fi ddY"' = \fY': À\][_Y]hž'gW\k]Yf][Y'G]hi Uh]cbYb'ni 'a Y]ghYfb'i bX]b'_f]h]gW\Yb'A ca YbhYb']\fY'VYghYb'@Y]ghi b[Yb'UVni fi ZYbž']gh YbhgW\Y]XYbX'ZØf']\fYb'9fZc`['i bX'Y]b'NY]W\Yb'XYg'ghUf_Yb HYUa [Y]ghYg"

6Y[Y]ghYfib[ibX 9a ch]cbYb

Hfchn:XYf:ghUf_Yb:<YfUi gZcfXYfi b[Yb:]b:XYb:UbgW.`]Y»YbXYb
8fY]Yf[fi ddYbž:]b:XYbYb:XYf:GG7::fY]gYb:[Y[Yb:X]Y

ØVYffU[YbXYb:HYUa g:G7:DchgXUa i bX:H6:A ØbW.Yb:VY]XY:A U:Y
a]h:\$.' 'j Yf:cfž:VYk U\fhY:XUg:HYUa :gY]bY:dcg]h]j Y:9]bghY:`i b["
6YgcbXYfg:]a :'YhnhYb:D:Uhn]Yfi b[ggd]Y:'[Y[Yb:XYb:J7:K]YgVUXYb
[Y:Ub[:Yg:XYb:Gd]Y:Yf]bbYbž:X]Y:Ui Z[YghUi hY:9bYf[]Y:i bX
9bhgW.`cggYb\Y]h:]b:Y]bY:VYY]bXfi W_YbXY:@Y]ghi b[:i a ni k UbXY:b
i bX:XYb:ZØbZhYb:D:Uhn:ni :YffY]W.Yb":8Yf:¾ VY:i bX:X]Y::fYi XY
bUW. XYa :Gd]Y:'k UfYb:b]W.h:bi f:ZØf:X]Y:Gd]Y:Yf]bbYbž:gcbXYfb
Ui W. ZØf:X]Y:'Y]XYbgW.UZh:]W.Yb:5b\Ab[Yf:ØVYfk A:h][YbX"

9]b 8 Ub _ Ub X]Y Cf[Ub]gUhcfYb

9]b 'gc `W. Yf '9fZc`['k ÀfY 'c\bY 'X]Y 'i bhYf XYb '6YX]b[i b[Yb 'XYf A Y]ghYfgW. UZhYb'[YVchYbY'I bhYfghØhni b['i bX 'Cf[Ub]gUh]cb 'b]W. h a Ò[`]W. '[Yk YgYb" '8 Yf 'GJ '@c\\cZ'k]fX 'ZØf 'X]Y '\Yfj cffU[YbXY 5i gf]W. hi b['XYg'Hi fb]Yfg'[Y`cVhž XUg'Ui Z'XYf 6YUW.j c``YmVU``Ub`U[Y 'XYg'5GJ '8 UW. Ui 'ghUhhZUbX" '8 Ug k c\`j YfX]YbhY '@cV'[]`h'Ui W. 'XYa '5GJ '8 UW. Ui ž'XYf 'XYb'H]hY``XYg 8 Yi hgW. Yb 'A Y]ghYfg'Yff]b[Yb'_cbbhY"

9]b 6`]W_]b X]Y Ni _i bZh

 $8 \ Ug'HYUa \ XYg'GG7 : fY]gYbž'VYghY\YbX'Ui g' \Rightarrow U'GW\bY]XYfž'7Y`]bY ?fi gYž'@Yb]'GW\bY]XYfž'BYY'Y': fYmhU[ž'9a]`m'6YW_Yf'i bX'A Yf'Y K Y]gYž'\Uh'a]h'X]YgYa '9f[YVb]g'Y]bYb'VYXYi hYbXYb'GW\f]hh [Ya UW\h'''\=\fY'@Y]ghi b[Yb'nY][Ybž'XUgg'X]Y'BUW\k i W\gUfVY]h']b XYf'FY[]cb': fØW\hY'hf\[A\][h'i bX'XUgg'Yg']b'Ni _i bZh'bcW\'j]Y`Y :i fcfY'Vf]b[Yb'_\ObbhY''8]Y'I '%) 'XYg'GG7': fY]gYb'\Uh'b]W\h'bi f gdcfh`]W\Yb'A i h'VYk]YgYbž'gcbXYfb'Ui W\'XYb']bgd]f]YfYbXYb'K Yfh XYf'HYUa UfVY]h'i bX'XYg'Ni gUa a Yb\U`hg'j YfXYi h`]W\h''\=\fY'FY]gY k]fX'k Y]hYf\]b'a]h'GdUbbi b['j YfZc`[h'']$

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