

Hk]hhYf $Z\emptyset \ fh 6$]hWc]b!H]dd]b[!: i b_h]cb Y]b i bX i bhYfgi Wk hB: H! 5 i h\Ybh]Z]n]Yfi b[BYk g

Hk]hhYf`\Uh`a]h`XYf`9]bZØ\fi b[j cb H]ddg VY[cbbYbž Y]bYf: i b_h]cbž`X]Y`Yg`6Ybi hnYfb Yfa Ò[`]W\hž`Hc`6]hWc]b!cXYf`7Ug\!H]ddg`gYbXYb"`8Yf`Fc``ci h`VY[]bbh'a]h`]CG!Bi hnYfbž`5bXfc]X`_ca a h`]b`?ØfnY"`8Ug`I bhYfbY\a Ybd`Ubh'Ui W\X]Y`I bhYfghØhni b[ZØf`X]Y`5i h\Ybh]Z]n]Yfi b[a]h`b]W\h`Zi b[]V`Yb`Hc_Yb`fB: HŁ"

Hk]hhYf'j YfÒZZYbh`]W\h' H]ddg 'a]h'6]hWc]b

Hk]hhYf ⇒ W'[UV 'Ua '8cbbYfghU['VY_Ubbhž'XUgg'X]Y '6]hWc]b!
H]dd]b[!:ib_h]cb'UV']CG!6YbihnYfb'Y]b[YZØ\fh'k]fX"'8Ug
IbhYfbY\aYb'hk]hhYfhY.'8]Y'H]ddg!:ib_h]cb'[YhYghYhž'ghY``hY'g]W\\YfUigž'XUgg'X]Y'@YihY';Y`X``]YVYb"'Fc``!cih'UiZ']CG'a]h'5bXfc]X]b'?ØfnY"'Hk]hhYf'VYgW\f]YVYb.

A]h'H]dg'_ÒbbYb'G]Y'6]hWc]b!'cXYf'7Ug\!H]ddg'gYbXYbž'YbUWXXYa ž'k]Y'G]Y' \Rightarrow fY'H]dg!9]bghY``i b[Yb'i bX'X]YfY[]cbU`Y'JYfZØ[VUf_Y]h'j cb'8f]hhUbV]YhYf!NU\`i b[gUbV]YhYfb'_cbZ][i f]YfYb"

 $8 \ Yf'Hk \]hhYf!Gi \ ddcfh' \ Uh'[\ Yhk \]hhYfh'i \ b \ Yf_`Àfhž'k \]Y'a \ Ub'\ X]Y'b Yi \ Y \ Hf]b_[\ Y`XZi \ b_h]cb'j \ Yfk \ Yb XYh'' \ A \ OWX hYgh'Xi \ Y]b'k \ Yb][\ I \ bhYfghØhni \ b['a]h'H]ddg'VY_ca \ a \ Yb 3'H]ddg'k \ YfXYb' Yhnh'ZØf'U``Y \ f%, \ Z \ L'Ui \ Z']C G'VYfY]h[\ YghY``h'': Ø[\ Yb'G]Y'XUg'H]ddg! Gma \ Vc``ØVYf \ X]Y'GWX U`hZ`ÀWX Y' \ Dfc Z]``VYUfVY]hYb 'ni' \ $\rightarrow fYa 'Dfc Z]``\]bni \ z \ qWX f]YV'XYf'Gi \ ddcfh! 5 WWci \ bh''$

G]Y 'gi WX Yb 'Y]b 'k Yb]['I bhYfghØhni b['a]h 'H]ddg3 'H]ddg k YfXYb 'Yhnh 'ZØf'U``Y 'f%, Ž Ł'Ui Z']C G'VYfY]h[YghY``h"

9gh\Yf'7fUk ZcfXž'DfcXi _ha UbU[Yf]b'j cb'Hk]hhYfž'Yf_`ÀfhYž'XUgg XUg'H]ddg!Gma Vc``bYVYb'XYf'GW\U`hZÀW\Y': c`[Yb'Ui Z'XYf DfcZ]`gY]hY'Ub[YnY][h'k]fXž'k Ybb'Y]b'?cbhc'H]ddg'U_h]j]Yfh'\Uh" H]ddYb'G]Y'Ui Z'XUg'Gma Vc``i bX'G]Y'gY\Yb'Y]bY'@]ghY'XYf NU\`i b[gX]YbghY'cXYf'!d`UhhZcfa Ybž'X]Y'XUg'?cbhc'U_h]j]Yfh'\Uhž i bX'G]Y'_ObbYb'Ui gk À\`Ybž'k Ug'G]Y'VYj cfni [Yb ž'gW\f]YV'g]Y i bX'VYhcbhY.

GcVU`X'G]Y'Ui Z'XYb'8]Ybgh'h]ddYbž'XYb'G]Y'j Yfk YbXYb a ÒW hYbž'k YfXYb'G]Y'j cb'Hk]hhYf'ni f'Ui g[Yk À\`hYb'5dd k Y]hYf[Y`Y]hYhž'i a '; Y`X'ni 'gYbXYb"'Hk]hhYf'b]a a h'_Y]bYbGW b]hh"

Ni gàhn`]W\`ni `XYb`XYfnY]h`Xi fW\`H]dg`U_h]j]YfhYb`8]YbghYb
_\ObbYb`A YbgW\Yb`\Yhnh`a]h`Ghf]_Y`bU\h`cg`a]h`6]hWc]b`Hf]b_[Y`X
[YVYb` `Y]bYf`NU\`i b[gUbk YbXi b[ž`X]Y`Ui Z`XYa `6]hWc]b
@[\hb]b[`BYhk cf_`VUg]Yfh`i bX`Yg`A YbgW\Yb`Yfa O[`]W\hž`6]hWc]b
ni `gYbXYb`i bX`ni `Ya dZUb[Yb"`Ghf]_Y`V]YhYh`k Y`hk Y]h`gcZcfh][Y
i bX`_cghYb`cgY`NU\`i b[Yb ž`ZØ[hY`7fUk ZcfX`\]bni "

Ghf]_Y ']gh']b 'XYb'I G5'a]h'5i gbU\a Y'j cb'< Uk U]]'i bX'BYk 'Mcf_gck]Y ']b '9' 'GU'j UXcf'j YfZØ[VUfž'k c'6]hWc]b 'Yhnh'bYVYb 'XYa 'I G! 8 c'`Uf'[YgYhn`]WXYg'NU\`i b[ga]hhY`']gh'''6Ybi hnYf']b 'VYfYWXh][hYb A Àf_hYb'_ObbYb'g]WX 'ZØf'Y]b 'Ghf]_Y!?cbhc'Uba Y`XYb'i bX']\fYb Ghf]_Y!6Ybi hnYfbUa Yb'\]bni ZØ[Ybž'i a '6]hWc]b!H]ddg'ØVYf'XUg @][\hb]b['BYhk cf_'ni 'Yf\U`hYb''' G]Y'_ObbYb''YXY'6]hWc]b @][\hb]b['K U``Yh'j Yfk YbXYbž'i a 'H]ddg'Ub'XUg'Ghf]_Y!?cbhc'j cb Ya UbXYa 'ni 'gYbXYb ž'ghY``hY'XYf'DfcXi _ha UbU[Yf'_`Uf"

BYVYb'Ghf]_Y'g]bX'XYfnY]h'UbXYfY'NU\`i b[gcdh]cbYb'i bX !d`UhhZcfa Yb'6UbXWUa dž'7Ug\'5ddž'7\]ddYfž'; cZi bXa Yž'DUhfYcbž D]WdUmž'F UncfdUmž'K YU`h\g]a d`Y'7Ug\'i bX'JYba c'j cb'DUmdU`"

. . .

Hk]hhYf 9bhXYW_Yb XYf B: H! 5i h\Ybh]Z]n]Yfi b[gi bhYfghØhni b[

5i » YfXYa "Hk]hhYf" Ub [Y_Øb X][h'XUgg"Yg"Ui W\ "d`Ubhž"X]Y
5i h\Ybh]Z]n]Yfi b['ZØf"b]W\h'Z b[]V`Y"Hc_Yb"fB: HgŁ"ni
i bhYfghØhnYb" K]f'ZfYi Yb"i bgž"VU`X"X]Y"B: H!5i h\Ybh]Z]n]Yfi b['ni
YfZcfgW\Yb ž'k i fXY"7fUk ZcfX"n]h]Yfh" 9g"]gh'Y]bY"A Ò[`]W_Y]hž"X]Y
GW\OdZYf"X]YgYf"?i bgh'a]h'Y]bYa "GhYa dY`'ni ii bhYfghØhnYbž'i a
5i h\Ybh]n]hÀh'ni "XYa cbghf]YfYb"" \DXYa "g]Y"Yg"XYb"@Yi hYb
Yfa Ò[`]W\Ybž"]\fY"?fmdhc!K U``Yhg'X]fY_h'ni ij YfV]bXYbž"_ObbYb'g]Y
]\fYb"B: H!6Yg]hn'Ui Z'Hk]hhYf'j YfZc`[Yb'i bX'dfÀgYbh]YfYb"

 $G]Y'Z\emptyset[hY'\setminus]bni.''K]f'g]bX'XUfUb']bhYfYgg]Yfhž']a';fibXY'bifj]giY'``XYih`]W\'ni'a UW\Ybž'XUgg'X]Yg'Y]b'Uih\Ybh]Z]n]YfhYf'5j UhUf]ghž'ibX'\(=\bYb'XUbb'Y]b][Y']bhYfYggUbhY'\(=\bZcfa Uh]cbYb'ibX 9]bV`]W_Y']b'X]Y'<Yf_ibZh'X]YgYg'B:H'ni'[YVYb'''9]b'Hk]hhYf!GdfYW\Yf'qU[hY.$

8]Y'B: H!5i h\Ybh]Z]n]Yfi b['YfZc`[h']b': cfa 'Y]bYg
5VnY]W\Ybgž'XUg'Ui Z'DfcZ]`V]`XYfb'Ub[YnY][h'k]fX'i bX'XUg
B: H'XYg'6Yg]hnYfg'U`g'Ui h\Ybh]gW\'_YbbnY]W\bYh"

 $K Ug `\ U `hYb `G]Y 'j cb `Hk]hhYfg `6]hWc]b!H]dd]b[!: i b_h]cb `i bX XYf `B : H!5 i h\ Ybh]Z]n]Yfi b[3 `@UggYb `G]Y `Yg `i bg `]a$

?ca a YbhUfVYfY]W i bhYb k]ggYb"

6] `XbUW k Y]gY. G\i hhYfghcW_žD]I UVUmžK]_] 7ca a cbg

fZ bWh]cbfXžgž]XŁoj Uf~gžZgʻ1 X"[Yh9`Ya Ybhg6mHU[BUa YfgŁO\$Q']ZfK"[Yh9`Ya Ybh6m=Xf]XŁŁfYhi fb/gʻ1 X"WfYUhY9`Ya YbhfgŁ/gʻ]X1]X/gʻgfWl ~\hhdg.#WcbbYWh'ZUWYVcc_"bYh#YbSl G#gX_"g, I ZVa `1 %/j Yfg]cb1j' "&~/ZgʻdUfYbhBcXY"]bgYfh6YZcfYflgžZgŁ/qfXcW a YbhžfgWf]dhfžfZUWYVcc_!ggX_fŁŁ/

8 YhU]`q

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. '_fmd hc!b Yk g"Uh