

: U`gWX Yf'J YfXUWX h. I bVYhY]`][hYf'A Ubb : Ygh[Ybca a Yb']a '=79'6Yf`]b!GdUbXUi

8]Y GhUUhgUbk U`hgW UZh VYghÀh][h : Ygh[Ybca a YbY DYfgcb]gh b]W h 6i f_\UfX ; Ufk Y[ž gcbXYfb Y]b I bVYhY]`][hYf]a =79]b 6Yf]b!GdUbXUi "

GhUUhgUbk U`hgW UZh'VYghÀh][h'=XYbh]hÀh'XYg : Ygh[Ybca a YbYb

8]Y'5i ZfY[ib['ibhYf'Ni[fY]gYbXYb']b'6Yf`]b!GdUbXUi 'k Uf'[fc» ž U`g'Y]b'A Ubb'j YfXÀW\h][h'k i fXYž'Y]b'[Ygi W\hYf'9I!HYffcf]gh'XYf FchYb'5fa YY': fU_h]cb'fF5: Ł'ni 'gY]b"'8cW\'X]Y GhUUhgUbk U`hgW\UZh'J YfXYb'\Uh'bi b'_`Uf[YghY``hž'XUgg'Yg'g]W\'ia Y]bYb'I bVYhY]`][hYb'\UbXY`h"'9]b'GdfYW\Yf'XYf GhUUhgUbk U`hgW\UZh'[UV'VY_Ubbhž'XUgg'X]Y'VYhfYZZYbXY'DYfgcb b]W\h']XYbh]Z]n]Yfh'k YfXYb'_cbbhY'i bX'gca]h'b]W\h'j cb'XYf : U\bXi b['VYhfcZZYb']gh"

<]bhYf[fi bX'ni '6i f_\UfX'; Ufk Y['i bX gY]bYf'; fi ddY</pre>

6i f_\UfX'; Ufk Y[']gh'HY]`'Y]bYf'_f]a]bU`]g]YfhYb'; fi ddYžX]Y'ZØf VYk UZZbYhY'F Ui VØVYfZÀ``Y'Ui Z'; Y`XhfUbgdcfhYf'i bX'Gi dYfa Àf_hY j YfUbhk cfh`]W\'[Ya UW\h'k]fX"'Ni gUa a Yb'a]h'9fbgh!Jc`_Yf'GhUi V i bX'8 Ub]Y`U'? `YhhY'ghY\h'Yf']a 'J YfXUW\hž'X]YgY'J YfVfYW\Yb']b'XYf 5Vg]W\h'VY[Ub[Yb'ni '\UVYbž']\f'@YVYb']a 'I bhYf[fi bX'ni Z]bUbn]YfYb"'? `YhhY'VYZ]bXYh'g]W\'VYfY]hg']b'I bhYfgi W\i b[g\UZhž bUW\XYa 'g]Y']a ': YVfi Uf']b'6Yf`]b'ZYgh[Ybca a Yb'k i fXY"'; Ufk Y[i bX'GhUi V'g]bX'\]b[Y[Yb'bcW\'Ui Z'XYf': `i W\hž'i bX'[Y[Yb'g]Y k i fXY'Y]b'<UZhYYX\`'Yf`UggYb"

<]bk Y]g'Ui g'XYf'6Yj Ò`_Yfi b['U`g'5i g`ÒgYf XYf': YghbU\a Y</pre>

8]Y: YghbU\a Y:XYg`A UbbYg`]b`XYa = 79`YfZc`[hY`Ui Z[fi bX`Y]bYg <]bk Y]gYg`Ui g`XYf`6Yj O`_Yfi b["`Ni XYa `VYf]W\hYb``c_U`Y`A YX]Ybž XUgg`UbXYfY`FY]gYbXY`]\b`U`g`; Ufk Y[`Yf_Ubbh`\ÀhhYbž'k Ug`ni `XYf ZY\`Yf\UZhYb`=XYbh]Z]n]Yfi b[`ZØ\fhY"8]Yg`nY][hž'k]Y`gW\bY``; YfØW\hY`]b`Y]bYf`Ui Z[YfY[hYb`G]hi Uh]cb`j YfVfY]hYh`k YfXYb _ObbYb`i bX`k Y`W\Y`5i gk]f_i b[Yb`X]YgY`Ui ZI bVYhY]`][hY`\UVYb _ObbYb"

$8]Y'6YXYihib['XYf'JYf\UZhib[Yb'ZØf'X]Y$; YgY``gW\UZh

 $8]Y `U_hi Y``Yb `9bhk]W_`i b[Yb `i a ~; Ufk Y[~i b X `gY]bY `?ca d`]nYb k YfZYb `Y]b `GW\`u[~`]W\ h'Ui Z'X]Y `GW\ k]Yf][~Y]hYb ž'a]h `XYbYb `X]Y G]W\ Yf\Y]hgVY\ ÔfXYb `_cb Zfcbh]Yfh `g]b X ž'k Ybb `Yg `XUfi a ~[~Y\hž `U`hY ?f]a]b U`ghfi _hi fYb `ni `nYfgW\`U[~Yb "`8]Y `F5: ž']bgVYgcb XYfY `X]Y Xf]hhY `; Yb YfUh]cb ž']gh `Y]b Y `VYXYi hYb XY `; fi dd]Yfi b[~j Yf[~Ub[~YbYf $U\fnY\bhY ž'XYfYb `U Yf\UZhi b[~Yb `Ui W\ `Y]bYb `\]ghcf]gW\ Yb `?cbhYl h VYg]hnYb "`8]YgY `9fY][~b]ggY `j YfXYi h`]W\ Yb `X]Y `Ub\U`hYb XYb 6Ya <math>\emptyset$ \i b[~Yb `j cb `Dc`]nY] `i b X `GhUUhgUbk U`hgW\ UZhž'[~Y[~Yb cf[~Ub]g]YfhY `?f]a]b U`]hÀh `j cfni [~Y\Yb"

: Un]h

8]Y?`Àfi b['XYf'=XYbh]hÀh'XYg'ZYgh[Ybca a YbYb'A UbbYg']gh'ZØf X]Y'GhUUhgUbk U`hgW\UZh'Y]b'k]W\h][Yf'GW\f]hh']b'XYf'`Ui ZYbXYb 9fa]hh`i b[gUfVY]h''K À\fYbX'XUg'ÒZZYbh`]W\Y'=bhYfYggY'Ub Y\Ya U`][Yb'F5:!A]h[`]YXYfb'k]Y'; Ufk Y['i bX'GhUi V'[fc> ']ghž V`Y]Vh'Yg'YbhgW\Y]XYbXž'XUgg'X]Y': U_hYb'_`Uf'i bX i ba]ggj YfghÀbX`]W\'_ca a i b]n]Yfh'k YfXYb''8]Y'; YgW\Y\b]ggY']b 6Yf`]b'g]bX'Y]b'6Y]gd]Y`'XUZØfž'k]Y': Y\`Yf']b'XYf'=XYbh]Z]_Uh]cb b]W\h'bi f'9]bnY`dYfgcbYb'VYhfYZZYb'_ÒbbYbž'gcbXYfb'Ui W\'XUg JYfhfUi Yb'XYf'2 ZZYbh`]W_Y]h']b'X]Y'6Y\ÒfXYb'VYY]bZi gqYb''

6Ygi WXYb G]Y i bg Ui Z a Y]b!VYf]b bYh