

DfchYgh`U[Yf'Ui Z'Gm`h. Di b_g'_Àa dZYb [Y[Yb'; Ybhf]Z]n]Yfi b['i bX'?Ud]hU`]ga i g

5i Z'Gm`h`\Uh`XUg`Di b_!DfchYgh`U[Yf`' "\$`VY[cbbYbži a ; Ybhf]Z]n]Yfi b[`i bX`?`]a UgW\i hn`ni 'h\Ya Uh]g]YfYb" HY]`bY\a Yf`Yfk UfhYb`gdUbbYbXY`5_h]cbYb"

Gm`h. 'DfchYgh`U[Yf'U`g'D`Uhn'ZØf [YgY``gWXUZh`]WXY'JYfÀbXYfib[

5i Z'XYf'hfUX]h]cbgfY]WXYb': Yf]Yb]bgY`'Gm`h'Z]bXYh'XYfnY]h'XUg
DfchYgh`U[Yf'XYf'; fi ddY' 5_h]cb'Gm`h 'ghUhhž'XUg'g]WX'ØVYf
a Y\fYfY'K cWXYb'YfghfYW_Yb'k]fX"'8]YgY'JYfUbghU`hi b['nc[
VYfY]hg'ni '6Y[]bb'XYi h`]WX'X]Y'5i Za Yf_gUa _Y]h'Ui Z'g]WXž'b]WXh
bi f'k Y[Yb'XYf'5bnU\`'XYf'HY]`bY\a Yfž'gcbXYfb'Ui WX'Xi fWX'X]Y
J]Y`ZU`h'XYf'H\Ya Ybž'X]Y'UXfYgg]Yfh'k YfXYb"'I bhYf'XYa 'A chhc
DfchYgh`U[Yf'ZØf'Gc`]XUf]hÀh' '?`]a UgWXi hn'i bX'Y]bY'[Ya Y]bgUa Y
Ni _i bZh'c\bY'; Ybhf]Z]n]Yfi b['Yfk UfhYh'X]Y'\D]h]Uh]j Y'a Y\fYfY

I fgUWX Yb i bX : cfXYfi b[Yb XYg DfchYghg

9]bYg'XYf'<Ui dhUb`]Y[Yb'X]YgYg'DfchYgh`U[Yfg']gh'X]Y
; Ybhf]Z]n]Yfi b['Ui Z'Gm`h"'8Yf'A]hcf[Ub]gUhcf'&bUg'<Òh[Yf'VYhcbhž
XUgg']a a Yf'a Y\f'k c\`\UVYbXY'AYbgW\Yb'Ui Z'X]Y'\DgY`'n]Y\Ybž
k Ug'ni 'Y]bYf'JYfXfÀb[i b['XYf'Y]b\Y]a]gW\Yb'6Yj Ò`_Yfi b['ZØ\fh"
8Yf'?`]a UgW\i hn'i bX'X]Y'5i gk]f_i b[Yb'XYg'?`]a Uk UbXY`g'g]bX
YVYbZU``g'nYbhfU`Y'5gdY_hY'XYf'8]g_i gg]cbYb']a '@U[Yfž'XUg
k ÒW\Ybh`]W\Y'8Ya cbghfUh]cbYb'd`Ubhž'i a 'Ui Z'X]YgY
DfcV`Ya Uh]_Yb'Ui Za Yf_qUa 'ni 'a UW\Yb"

9]b'ni ghn']W\Yg'5b']Y[Yb']b'X]YgYa ' λ U\f'g]bX'X]Y'FUgg]ga i g!

G_UbXU`YžX]Y`ni `Yhnh`]b`XYf`5XY`gghUXh`? Ua dYb`GW\`U[nY]`Yb a UW\hYb"`8]Y`Cf[Ub]gUhcfYbž'k]Y`X]Y`&' !^\A\f][Y`A]__]`Ui g Ghi hh[Ufhž'k c``Yb`a]h`]\fYb`DfchYghYb`XUg`6Yk i gghgY]b`ZØf`gc`W\Y [YgY``gW\UZh`]W\Yb`DfcV`Ya Y`gW\\AfZYb`i bX`X]Y`Gh]a a Y`[Y[Yb 8]g_f]a]b]Yfi b[`Yf\YVYb"'=\f`9b[U[Ya Ybh`]gh`Y]bY`5bhk cfh`Ui Z Y]b`_Øfn`]W\`Ui Z[YhUi W\hYg`J]XYcž']b`XYa `k \A\fYbX`Y]bYf`: Y]Yf fUgg]gh]gW\Y`G`c[Ubg`ni `\ÒfYb`k UfYb"

9]bY'VYgcbXYfY'; Ya Y]bgW\UZh'Yf`YVYb

5 i Za Yf_gUa _Y]h i b X G]W Yf \Y]h [Yk]bb Yb

8]Y'Gm`h!; Ya Y]bXYj Yfk U`hi b[']gh'ØVYf'X]Y'9bhk]W_`i b[Yb']a@U[Yf']bZcfa]Yfh'i bX'V`]W_h'cdh]a]gh]gW\'Ui Z'Y]bYb'Zf]YX`]W\YbJYf`Ui Z'': `cf]Ub'?cfhYž'GdfYW\Yf'XYf'; Ya Y]bXYž'VYf]W\hYhž'XUggX]Y'; YgdfÀW\Y'a]h'XYf'Dc`]nY]'i bX'XYa 'BcfXZf]Yg`UbX!?fY]g_cbghfi_h]j 'j Yf`Ui ZYb''8]Y'9]b\U`hi b['XYf'JcfgW\f]ZhYb'k]fX'Ui W\X]YgYg'\J\f'VYcVUW\hYhž'i a 'gck c\`X]Y'G]W\Yf\Y]h'XYf'HY]`bY\aYfU`q'Ui W\XX]Y'XYf'5bk c\bYf'ni '[Yk À\f`Y]ghYb''

8]Y'a UI]a U'Y'HY]'bY\a YfnU\``ZØf'XUg'@U[Yf'kifXY'UiZ''\$\$
ZYgh[Y`Y[hž'kcVY]'XYf'GhUbXcfh']b'XYf'BÀ\Y'XYg': `i[d`UhnYg']b
H]bbi a 'ni bÀW\gh'ZØf'a Y\fYfY'KcW\Yb'[Ybihnh'kYfXYb'_Ubb"'8]Y
I a `Y[ib['UiZ'Y]bYb'UbXYfYb'D`Uhn'YfZc`[h'UiZ[fibX'Y]bYg
VYjcfghY\YbXYb': YiYfkY\fZYghYg''Y]bY'`c[]gh]gW\Y
5Vgh]a a ib[ž'X]Y'X]Y'NigUa a YbUfVY]h'nk]gW\Yb'XYb
DfchYgh]YfYbXYb'ibX'XYf'; Ya Y]bXYjYfkU`hib['nY][Yb'qc``"

Ni _i b ZhgUi gg]WX hY b 'i b X 'X Ui Y f \ U ZhY K]f_i b[

8]Y'DfchYgh!'i bX'5_h]cbgk cW\Y'_ObbhY'Y]bYb'VYXYi hYbXYb
9]bZi gg'Ui Z'X]Y'_ca a i bU`Y'8]g_i gg]cb'ØVYf'; Ybhf]Z]n]Yfi b['i bX'gcn]U`Yb'Ni gUa a Yb\U`h'\UVYb''Ni XYa 'k Y]gh'X]Y'5bUfW\]gh]gW\Y
Dc[c!DUfhm'8Yi hgW\`UbX'fbDD8\z\z\X]Y'YVYbZU``g']b'XYf'FY[]cb'U_h]j
]gh\z\Ui Z'[Yd`UbhY' 7\UcghU[Y '\]b\z\k Ug'ni g\hm`]W\Y'fY[Y
8]g_i gg]cbYb'i bX'5_h]cbgZcfa Yb'ZOfXYfb'_ObbhY''CV'X]YgY
6Yk Y[i b[Yb'_ccdYf]YfYb'cXYf'[YhfYbbh'U[]YfYb'k YfXYb\z\]gh
bcW\'i b_`Uf'i bX'k]fX'a O[`]W\Yfk Y]gY'XYb'k Y]hYfYb'J Yf`Ui Z'XYg
DfchYgh`U[Yfg'VYY]bZi ggYb''

@YgYb'G]Y'Ui W.

B5;

8 YhU]`g

6Yqi WXYb G]Y i bq Ui Z b!U["XY