

?cghYbZU``Y`GhUUh. CF < ZcfXYfh 9]bgdUfib[Yb'VY] =a a cV]`]Yb'i a '%' \$ A]c"'9i fc°



nk]gWXYb`XYb`5i ggU[Yb`XYg`CF<'i bX`XYg`6Ui a]b]ghYf]i a g _`ObbhY`ni `Y]bYf`]bYZZ]n]YbhYb`A]hhY`j Yfk YbXi b[`ZØ\fYbž`XU`X]Y 6Yk]fhgWXUZhi b[g! i bX`=bghUbX\U`hi b[g_cghYb`]a 8cddY`\Ui g\U`h`ZØf`&\$&(#&\$&) `a]h`Yk Y]`g`%Z` `A]``]UfXYb`9i fc j YfUbgWX`U[h`g]bX"

9]b '9]bgdUfdchYbn]U`'j cb'%' \$'A]``]cbYb'9i fc''À\f`]W\'k]fX
Yfa]hhY`hž'gc``hY'Yg'[Y`]b[Ybž'X]Y'5i g[UVYb'i a '%\$i 'ni
fYXi n]YfYbž'k Ug'a]h'Y]bYa 'Zi b_h]cb]YfYbXYb'?cghYbWcbhfc``]b[
a Ò[`]W\'gY]b'_ObbhY''; fØbY!<Ui g\U`hgdc`]h]_Yf]b'7`Ui X]U'?Ò\`Yf
_f]h]g]Yfh'XUg': Y\`Yb'Y]bYg'i a ZUggYbXYb'?cbnYdhYg'XYf
GhUUhgfY[]Yfi b['i bX'\YVh'\Yfj cfž'XUgg'bUW\'XYf'5b_ØbX][i b[
j cb'A]b]ghYfdfÀg]XYbh'A Uf_i g'GÒXYf']a '\$ b]'&\$&('k Yb]['V]g'[Uf
b]W\hg'i a [YgYhnh'k i fXY"'8]Yg'i bhYfghfY]W\h'XYb'6YXUfZ'Ub'Y]bYa
YZZY_h]j Yb'A UbU[Ya Ybh']a 'ÒZZYbh`]W\Yb'GY_hcf"

?cghYb_cbhfc``YibX`HfUbgdUfYbn

9]bY'XYhU]``]YfhY'6YhfUW\hi b['XYf'5i g[UVYb'nY][hž'XUgg'ghUUh`]W\Y \Rightarrow a cV]`]Yb'A\f`]W\'ØVYf'%'A]``]UfXY'9i fc'ZØf'6Yk]fhgW\UZhi b[ibX' \Rightarrow ghUbX\U`hi b['_cghYb"'8Yf'CF<'\YVh'ni XYa '\Yfj cfž'XUgg ØVYf'%)'\\\Y\\\TY'bUW\'XYa 'Dfc'Y_hghUfh'ni a '6YbW\\\ a Uf_]b['ibX'?cghYbWcbhfc``]b['_Y]b'Zi b_h]cb]YfYbXYg'?cbnYdh'j cf`]Y[h''Bi f\&+\lefta 'XYf'6i W\\\\ib[Yb']cb']bg[YgUa h'\&\z\\A]``]cbYb]a a cV]`]YbVYnc[YbYb'HfUbgU_h]cbYb'nk]gW\Yb'\\\\\Y\\\@W\Yb']bXYg''\XYf\YV\`]W\Y'\@W\Yb']bXYf'8UhYbei U`]h\\\hi\\]bk Y]gh''

 $8] Y = a cV]^{Y} b : fY] ghUUh^{6} UmYfb^{6} f \not A 6 M^{2} gc^{2} h Y^{4} [Ybh^{2}] W^{4} X] Y \\ HfUbgdUfYbn^{2} XYf^{2} Yfk U^{4} b [g_cghYb^{6}] Yk A^{5} Y] ghYb^{8} YbbcW \\ [UV^{2} Yf^{4} YV^{2}] W Y^{6} W k] Yf] [-Y] hYb^{2} b^{2} XYf^{2} a d^{4} Ya Ybh] Yfi b [-XYf^{6} CV^{4} hVi W^{4} U^{4} b [ž^{2} X] Y^{6} gY] h^{2} & ** U^{6} G^{6} YbW a Uf_] b [!Dfc^{4} h^{4} VYghY^{6} h^{4}]^{2} VYf^{6} & ** A]^{2} cbYb^{6} W b^{6} W b^{6} W b^{6} W b^{6} b^{6} W h^{6} h^{6} h^{6}$

?YbbnU\`Yb`gd]Y`Yb`]a '7cbhfc``]b['Y]bY`YbhgW\Y]XYbXY`Fc``Yži a _ca d`Yl Y`GUW,j Yf\U`hY`ØVYfg]W\h`]W\`XUfni ghY``Yb`i bX`Zi bX]YfhY 9bhgW\Y]Xi b[Yb`ni 'Yfa Ò[`]W\Yb"8]YgY`NU\`Yb`g]bX`]b`XYf ÒZZYbh`]W\Yb`J Yfk U`hi b['j cb`nYbhfU`Yf`6YXYi hi b[ži a FYggci fW\b`YZZ]n]Ybh`ni 'bi hnYb`i bX`X]Y`@Y]ghi b['ni 'VYk YfhYb" 8]Y`l bhYfgW\Y]Xi b['nk]gW\Yb`\di hl`i bX`Ci hdi hl8 UhYb`Yf`Ui Vh Ygžgck c\``X]Y`Bi hni b['j cb`FYggci fW\b'U`g'Ui W\`X]Y`9f[YVb]ggY XYf`8]Ybgh`Y]ghi b[gYfVf]b[i b['ni 'VYk YfhYb" '8cW\'hfchn`XYf 6YXYi hi b['j cb`?YbbnU\`Yb`[YghU`hYb`g]W\`X]Y`8 UhYb`U`g i bni fY]W\YbXž'k Ug`XUg`F]g]_c`j cb`: Y\`]bhYfdfYhUh]cbYb`i bX`Y]bYf a Ub[Y`bXYb`Bi hni b['XYf`[Yk cbbYbYb`\di zCfa Uh]cbYb`]a 9bhgW\Y]Xi b[gdfcnYgg`a]h'g]W\`Vf]b[h"

8]Y'U_hi Y``Yb'<YfUi gZcfXYfi b[Yb']b`XYf'VUmYf]gWXYb

a a cV]`]YbVYk]fhgWXUZhi b['YfZcfXYfb'XU\Yf'Y]bY'Xf]b[YbXY
FYU`]g]Yfi b['Y]bYg'Z b_h]cb]YfYbXYb'?cghYbWcbhfc``]b[g'i bX
6YbWXa Uf_]b[g"'8Yf'CF<'ØVYfb]a a h'Y]bY'GWX'ØggY`fc``Yž']bXYa
Yf'X]Y'GhUUhgfY[]Yfi b['Ui ZZcfXYfhž'X]Y'9]bgdUfdchYbn]U`Y']b
XfY]ghY``][Yf'A]``]cbYb\O\Y'U_h]j 'Ubni [Y\Yb'i bX'X]Y
JYfk U`hi b[g_cghYb'hfUbgdUfYbhYf'ni '[YghU'hYb"'DBD'VYf]WXhYh
j cb'XYb'i a ZUggYbXYb'Bchk YbX][_Y]hYbž'k À\fYbX'XYf'CF<
gY'Vgh'X]Y'DfØZ b['XYf'CVY_hVi WX\U`hi b['U`g'Y]bYb'k Y]hYfYb
GWXf]hh'ni f'Cdh]a]Yfi b['Ya dZ]Y\`h"'8UVY]'_ObbhY'X]Y
I bhYfghØmi b['Xi fWX'a cXYfbY'?YbbnU\`YbgmghYa Y'Ui g'XYf
OZZYbh`]WXYb'JYfk U`hi b[ž'k]Y'j cb'GUI Ygg'VYgWXf]YVYbž
YbhgWXY]XYbX'gY]bž'i a 'X]Y'9ZZY_h]j]hÀh'XYf'A U» bU\a Yb'ni
ghY][Yfb"

8 Y hU]`g		
Cfh	6UmYfbž8Yi hgWX`UbX	
EiY``Yb	• k k k "dbd"XY	
	kkk"cf\"VUmYfb"XY	
	• k k k "gUl Ygg!U["XY	