

B MA 'Hc_Yb.'8]Y' < c ZZbi b [ghfÀ [Yf'ZØf
8 UhYbgWÅ i hn'ja 'X][]hU`]g]YfhYb'NY]hU`hYf

⊕`Y]bYf'K Y'hž'X]Y'ghUf_`j cb'XYf'8][]hU`]g]Yfi b['VYY]bZi ggh
k]fXž']gh'X]Y'Bchk YbX][_Y]h'Y]bYg'j YfVYggYfhYb
8 UhYbgWÅ i hnYg'ja '⊕hYfbYhj cb'[fØ» hYf'6YXYi hi b["'BMA ž
Y]b'VU\bVfYWÅYbXYg'A]l bYhž'\Uh'g]WÅ'U'g' < c ZZbi b [ghfÀ [Yf
Ybhd i ddh'i bX'V]YhYh'Xi fWÅ'X]Y'J YfgWÅ'ØggY'i b['i bX
J Yfa]gWÅ i b ['XYg'⊕hYfbYhj Yf_Y`f'g'Y]bYb'k]f_gUa Yb'GWÅ i hn
XYf'Df]j Uhgd\`ĀfY'ZØf'U`hÅ[`]WÅY'Bi hnYf"8 Ug' < YfnghØW_
X]YgYg'fYj c'i h]cbĀfYb'A]l bYhg']gh'XYf'B MA 'Hc_Ybž'Y]b
]bhY[fU'Yf'6YghUbXhY]'XYf'Hc_Ybca]Wg!'i bX'7fcgg!7\U]b!
: i b_h]cbU`]hĀh'XYg'BYhmk Yf_g"8]Y'B MA 'Hc_Yb'g]bX'X]Y
bUh]j Yb'`l h']hm'Hc_Yb'XYg'B ma 'A]l bYhž'Y]bYg'XYnYbhfU`Yb
BYhmk Yf_gž'XUg'X]Y'Df]j Uhgd\`ĀfY'XYf'Bi hnYf'gWÅØhnhž']bXYa
Yg'XYb'⊕hYfbYhj Yf_Y`f'j YfgWÅ'Y]Yfh"G]Y'g]bX'XUg'F ØW_[fUh
XYg'A]l bYhg'i bX'YfZØ`Yb'a Y`fYfY'5i Z[UVYb. / Ua d^Y`]d/

⊕`Y]bYf'K Y'hž'X]Y'ghUf_`j cb'XYf'8][]hU`]g]Yfi b['VYY]bZi ggh'k]fXž
]gh'X]Y'Bchk YbX][_Y]h'Y]bYg'j YfVYggYfhYb'8 UhYbgWÅ i hnYg'ja
⊕hYfbYhj cb'[fØ» hYf'6YXYi hi b["'BMA ž'Y]b'VU\bVfYWÅYbXYg
A]l bYhž'\Uh'g]WÅ'U'g' < c ZZbi b [ghfÀ [Yf'Ybhd i ddh'i bX'V]YhYh'Xi fWÅ
X]Y'J YfgWÅ'ØggY'i b['i bX'J Yfa]gWÅ i b ['XYg'⊕hYfbYhj Yf_Y`f'g
Y]bYb'k]f_gUa Yb'GWÅ i hn'XYf'Df]j Uhgd\`ĀfY'ZØf'U`hÅ[`]WÅY'Bi hnYf"
8 Ug' < YfnghØW_`X]YgYg'fYj c'i h]cbĀfYb'A]l bYhg']gh'XYf'B MA 'Hc_Ybž
Y]b'bhY[fU'Yf'6YghUbXhY]'XYf'Hc_Ybca]Wg!'i bX'7fcgg!7\U]b!
: i b_h]cbU`]hĀh'XYg'BYhmk Yf_g"

8]Y'B MA 'Hc_Yb'g]bX'X]Y'bUh]j Yb'`l h']hm'Hc_Yb'XYg'B ma 'A]l bYhž
Y]bYg'XYnYbhfU`Yb'BYhmk Yf_gž'XUg'X]Y'Df]j Uhgd\`ĀfY'XYf'Bi hnYf
gWÅØhnhž']bXYa 'Yg'XYb'⊕hYfbYhj Yf_Y`f'j YfgWÅ'Y]Yfh"G]Y'g]bX'XUg
F ØW_[fUh'XYg'A]l bYhg'i bX'YfZØ`Yb'a Y`fYfY'5i Z[UVYb.'G]Y
Yfa Ø[`]WÅYb'XYb'Bi hnYfb'XYb'Ni [Ub['ni a 'A]l bYhž'a YggYb'X]Y
FYdi hU]cb'XYf'?bchYbdi b_hY'i bX'VY`c\bYb'X]Y'6YhfY]VYf'XYf

8 UhYbgW\i hn]bZfUghfi _hi f"8]Y'; YgUa ha Yb[Y'XYf'Hc_Yb']gh'Ui Z%
A]`]UfXY'9]b\Y]hYb'VY[fYbnhi bX'k]fX'gW\fhk Y]gY'ZfY][Y[YVYb"

8]Y'B ml !6`cW_W\U]b']gh'Y]bY'@UmYf!%!6`cW_W\U]bž'X]Y'Ui ZXYa
7cga cg'G8?`VUg]Yfhi bX'X]Y'; fi bX'U[Y'ZØf'X]Y'Ga Ufh'7cbhfUWhg
V]XYhž'X]Y'X]Y' BcXY!Hcdc`c[]Yž'XUg'GhU_]b['i bX'X]Y'6Y`c\bi b[
j cb'BcXYg'gck]Y'X]Y'DYYf!hc!DYYf!HfUbgU_h]cbYb'XYg'A]l bYhg
fY[Y'b"8]Y]b'Fi gh[YgW\f]YVYbY'i bX'j]b'K YV5ggYa V`m
_ca d`]YfhY'B ml !6`cW_W\U]b[]Yk Å\`fY]ghYh'Y]bYb'bU\`hcgYb'i bX
g]W\YfYb'GW\i hn'XYf'Df]j Uhg d\`ÅfY'XYf'Bi hnYf"

8 Ug'HYUa ` \]bhYf'XYb'BMA`Hc_Yb'] YfØZZYbh]W\hj]YfhY`Å\`]W\Y
Hc_Ybca]Wg! dXUhYgž'i a`g]W`Ub'X]Y'g]W`Yb'k]W_Y'bXY'8mbUa]_
XYg'BYhnc Yf_g'Ubni dUggYb" `X'a Y\`f'Hc_Yb']b'l a`Ui Z_ca a Ybž
XYghc'a Y\`f'ÅbXYfb'g]W`X]Y'Hc_Ybca]Wg!DUfUa YhYf'XYg'A]l bYhgž
k Ug'g]W`]bgVYgcbXYfY'Ui Z'X]Y'GÅhh][i b[gdi b_hY'ZØf'X]Y'A]l !
?bchYb'Ui gk]f_h"8]YgYf'fY[Y'a Å»][Y'l dXUhY!A YW\Ub]ga i g'gcf[h
ZØf'Y]b'fcVi ghYg'i bX'UbdUggi b[gZÅ\][Yg'BYhnc Yf_ž'XUg
Yfgh_Ugg][Y'8 UhYbgW\i hnX]YbghY`V]YhYh"

I a`Y]bYb'VfY]hYfYb'Ni [Ub[`ni`Yfa Ø[`]W\Ybž'k YfXYb'X]Y'BMA
Hc_Yb'gck c\`Ui ZXYf'B ml`7cga cg'7\U]b'U`g'Ui W`Ui ZXYf
9h\YfYi a`7\U]b'[YgdY]W\Yfh"8]Y'Yf'Ui Vb]gZfY]Y'; fUj]hm'6f]X[Yž
Y]bY'7cga cg!Y][YbY'6`cW_W\U]bž'gd]Y'h'Y]bY'nYbhfU`Y'F c`Y`VY]
XYf'bU\`hcgYb', VYfVfØW_i b[j cb'J Yfa Ø[Ybgk YfhYb'nk]gW\Yb
XYb'^2 _cgmghYa Yb'j cb'9h\YfYi a`i bX'7cga cg"8]Y
: i b_h]cbgk Y]gY'j cb'; fUj]hm'6f]X[Y`VUg]Yfhi'Ui Z; fUj]hm"gc`ž'Y]bYa
Gc`X]hm]YfhfU[ž'XYf'X]Y'5Vk]W_i b['i bX': fY][UVY'j cb'; Y'XYfb
Ui ZXYf'9h\YfYi a`!GY]hY`Yfa Ø[`]W\h"8]YgYf'J YfhfU[`k]fX
hfUbgdUfYbh]j cb'XfY]'i bUV\Åb[]][Yb'HYUa g[YdfØZh'i bX'_Ubb
b]W\h'[YÅbXYfh'k YfXYbž'gcXUgg'Y]bY'g]W\YfY'i bX
j YfhfUi Ybgk ØfX][Y'6fØW_Y'ZØf'7fcgg!7\U]b!HfUbgU_h]cbYb
Yb'ghY`h"

8]Y'; fUj]hm'6f]X[Y`Yfa Ø[`]W\h'XYb'bU\`hcgYb'HfUbgZYf'j cb'BMA
Hc_Yb'nk]gW\Yb'XYf'B ml`7cga cg'7\U]b'i bX'XYf'9h\YfYi a`7\U]b"
Bi hnYf'_ØbbYb'bUh]j Y'BMA`Hc_Yb']b'9F 7!&\$`BMA`Hc_Yb
i a k UbXY'b'i bX'i a [Y_Y\`fhž]bXYa`g]Y'a]h'XYa`; fUj]hm"gc`!

J YfhfU[]bhYfU[]YfYb"8 UXi fW V`Y]Vh`XYf`I a `Ui Z`XYf
?fmdhc k Å\fi b[`ØVYf`U`Y`7\U]bg`\]bk Y[`_cbghUbhž`k cVY]`ni
YXYa `NY]hdi b_h`a UI]a U`%`A]`]UfXY`Hc_Yb`]a `I a `Ui Z`g]bX"

Ni gUa a YbZUggYbX`\UVYb`g]W`X]Y`BMA`Hc_Yb`U`g`hfUbgZcfa Uh]j Y
?fUZh]a `GhfYVYb`bUW`C b`]bY!Df]j Uhg d\ÅfY`Yfk]YgYb"8i fW`XYb
6Yhf]YV`Ui Z`XYf`Bm!6`cW_WU]b`i bX`X]Y` VYfVfØW_i b[`a]h
9h\YfYi a `ØVYf`X]Y`; fUj]hm`6f]X[Y`V]YhYb`g]Y`Y]b`bU\h`cgYg`7fcgg!
7\U]b!9f`YVb]g`i bX`[Yk Å\`f`Y]ghYb`[`Y]W`nY]h[`X]Y`Df]j Uhg d\ÅfY
i bX`G]W`Yf\Y]h`XYf`Bi`hnYf"

8YhU]`g

6Ygi W`Yb`G]Y`i bg`Ui Z.`_fmdhc!bYk g"Uh