

8 Ug'5%'YGdcfhg': Ygh]j U`'&\$&).'9]b 9f`YVb]g'ZØf'; Ua Yf'i bX I a k Y`h`]YV\UVYf°

9f`YVYb`G]Y`XUg`5%`5i ghf]Ub`YGdcfhg`: Ygh]j U``Ua`') "i bX`*"

i `]`&\$&) `]a `5i ghf]U`7YbhYf`J]YbbU`a]h'ØVYf`&\$\$`5i gghY``Yfb

i bX`gdUbbYbXYb`Hi fb]YfYb"



5 i ghf]U '7 Y b hY f 'J]Y b b Už '%&&\$ 'K]Y b ž '2 ghY ffY]W '! '8 Ug '5 %
5 i ghf]Ub 'Y Gdcfhg': Ygh]j U 'ghY \h'j cf' XY f 'HØf'i b X'j Yfgdf]W h'Y]b
Y W hY g' <][\`][\h'ZØf'; Ua]b[!: Ubg']b 'K]Y b 'ni 'k YfXY b "5a ') "'i b X
* "' * `] '&\$ &) 'j Yfk Ub XY `h'g]W 'X Ug '5 i ghf]U '7 Y b hY f 'J]Y b b U 'Ui Z ØV Y f
&\$ "\$ \$ a ‡]b 'Y]b Y b 'di `g]Y f Y b XY b 'H f Y Z Z di b _h Z Ø f 'U ``Y ž X]Y 'g]W 'Z Ø f
9! Gdcfhg 'V Y[Y]ghY f b "; Ya Y]b g Ua 'a]h X Ya 'Gd]Y `Z Ygh 'K]Y b 'k]f X
X]Y g `X Ug '[f O > hY ; Ua]b[!9j Y b h']b '2 ghY f f Y]W " '8 Ug : Ygh]j U ``V]Y hY h
Y]b 'UV k Y W g `i b[gf Y] W Yg 'D f c[f Ua a 'Z Ø f '6 Y gi W Yf .] b b Y b 'Y X Y b
5 `h Y f g ž X Ug 'j c b '9! Gdc f h g! Gd]h n Y b g d]Y `Y b 'Ø V Y f '7 c a a i b]h m!
Hi f b]Y f Y 'V]g `\]b 'ni '7 c gd `Um 9j Y b h g f Y] W h " 8]Y 'A O[`] W _Y]h ž b Y i Y

\$\D X]Y!; Ua Yg 'Ui g ni d f c V] Y f Y b 'c X Y f 'V Y] '6 f Y h h g]Y `Y b 'a]h ni a UW Y b ž

 $8 cW `XUg`]gh`b]Wh`U``Yg. `, VYf`&$$`5i gghY``Yf`k YfXYb`j cf`Cfh`gY]bž XUfi bhYf`VY_UbbhY`A Uf_Yb`k]Y`F £H; Ua YgžB]bhYbXcžGUa gi b[i bX`5%"'~\forall XYf`gWkcb`]a a Yf`Y]ba U``X]Y`bYi Y`B]bhYbXc Gk]hWk`&`hYghYb`k c``hYž`\Uh`\]Yf`X]Y`; Y`Y[Yb\Y]h"'6YgcbXYfg gdUbbYbX`]gh`X]Y`5%`YGdcfhg`@YU[i Y`5i ghf]Už`X]Y`a]h VYY]bXfi W_YbXYb`8]gn]d`]bYb`k]Y`@YU[i Y`cZ`@Y[YbXgž`J 5@CF5BHibX`: cfhb]hY`Ubhf]hh"'<]Yf`k]b_h`Y]b`DfY]g[Y`X`j cb`ØVYf`%) "$$$ 9i fcž`i bX`X]Y`:]bU`gd]Y`Y`j YfgdfYWkYb`<cWkgdUbbi b[`a]h`HYUa g k]Y`ACI N`i bX`9]bhfUWkh`: fUb_Zi fh"$

$BUWX \setminus U^h][Y]h^n]a : c_i g$

± Y]bYf'NY]hž']b'XYf'I a k Y`hVYk i gghgY]b']a a Yf'k]Wkh][Yf'k]fXž
Y[h'XUg': Ygh]j U`'[fc»Yb'K Yfh'Ui Z'BUW\\U`h][_Y]h''8]Y
JYfUbghU`hYf'\UVYb'i a ZUggYbXY'A U» bU\a Yb'ni f
FYggci fWbcdh]a]Yfi b['i bX'5VZU``j Yfa Y]Xi b['Yf[f]ZZYb"'8Ug
9j Ybh'Z]bXYh']a 'U`g'; fYYb'7cbZYfYbW'7YbhYf'nYfh]Z]n]YfhYb
5i ghf]U'7YbhYf'J]YbbU'ghUhhž'k Ug'Y]bYb'VYgcbXYfYb': c_i g'Ui Z
i a k Y`hZfYi bX`]W\Yg'<UbXY`b'`Y[h''8]Y'6Ygi W\Yf.]bbYb'k YfXYb
Yfa i h][hž'OZZYbh']W\Y'JYf_Y\fga]hhY`'ni 'bi hnYbž'5VZU``'ni
a]b]a]YfYb'i bX']\fYb'9bYf[]Yj YfVfUi W\']a '6`]W_'ni 'VY\U`hYb"
N]Y``]gh'Ygž'a]h'Y]bYa 'bUW\\U`h][Yb'9j Ybh'Y]b'a UI]a U`Yg'9f`YVb]g
ni 'V]YhYb'i bX'[`Y]W\nY]h]['XYb'O_c`c[]gW\Yb': i »UVXfi W_'ni
a]b]a]YfYbž'k]Y'YgdcfhgZYgh]j U`"Uh'Ui ZnY][h"

; fYYb '9!Gdcfh'\Uh'g]W\'ni 'Y]bYa '[`cVU`Yb'D\Abca Yb'Ybhk]W_Y`hž XUg'b]W\h'bi f'A]``]cbYb'j cb'Ni gW\Ui Yfb']b'gY]bYb'6Ubb'n]Y\hž gcbXYfb'Ui W\'JYfUbhk cfhi b['ZØf'I a k Y`hZfU[Yb'ØVYfbY\a Yb a ÒW\hY"AU\"bU\a Yb'k]Y'X]Y'Bi hni b['j cb'²_cghfca'i bX j Y[YhUf]gW\Yg'7UhYf]b['g]bX'bi f'Y]b][Y'XYf'GW\f]hhYž'X]Y bchk YbX]['g]bXž'i a 'X]Y'6fUbW\Y'bUW\\U`h][Yf'ni '[YghU`hYb"'8cW\hfchn'XYf'dcg]h]j Yb'5bgAhnY'[]Vh'Yg'Ui W\'<YfUi gZcfXYfi b[Ybž'k]Y X]Y'\Ai Z][Y'JYfk YbXi b['j cb'8]YgY`[YbYfUhcfYb'VY] JYfUbghU`hi b[Yb'i bX'XYf'\c\Y'7C!5i gghc\"Xi fW\'FY]gYb'i bX <UfXk UfYdfcXi _h]cb'''<]Yf'_ObbYb'ni _ØbZh][Y'9j Ybhg'Xi fW\']bbcj Uh]j Y'5bgAhnYž'k]Y'7`ci X!; Ua]b['i bX'G\Uf]b[!A cXY``Yž

5 hhfU_h]cbYb'ZØf'U``Y'BY][ib[Yb

BYVYb'XYb'K Yhh_Àa dZYb'i bX'XYf'A $O[`]WX_Y]h\check{z}X]Y'bYi YghYb$ Gd]Y`Y'Ui gni dfcV]YfYb \check{z} k]fX'XUg': Ygh]j U``a]h'Y]bYa '7cgd`Uml J]``U[Y'i bX'Y]bYa '5fh]ghl5``Ym'j cb'Xfi W_"Uh'Ui WX'_fYUh]j Yb ? $O(ZYb'Y)bY'D`UhhZcfa 'V]YhYb''9]b'A YfWX!NcbY'i bX'Y]bY'&V'NcbY ZØf'HYWX!HU`YbhY'V]YhYb'XYb'6Ygi WXYf.]bbYb'Y]bY'VfY]hY'5i gk U\`Ub'A <math>O[`]WX_Y]hYb''8UfØVYf'\]bUi g'k YfXYb'VY_UbbhY'; Ua]b[!7fYUhcf.]bbYb'k]Y'$jgh&\bm'i bX'@j[]_]X'j cf'Cfh'gY]bž'i a ']\fY': Ubg'ni 'hfYZZYb'i bX'[Ya Y]bgUa 'ni 'ZY]Yfb''$

: Øf'U``Yž'X]Y'XUg': Ygh]j U``b]W\h``]j Y'Yf`YVYb'_ÒbbYbž'[]Vh'Yg'X]Y
A Ò[`]W_Y]hž'XUg'9j Ybh'cb`]bY'Ui Z'hk]hW\"hj #5 %Y Gdcfhg'ni
j YfZc`[Yb"'8 Ug'5%'5i ghf]Ub'YGdcfhg': Ygh]j U``]gh'U`gc'b]W\h'bi f'Y]b
A i gg'ZØf'; Ua]b[!: Ubgž'gcbXYfb'Ui W\'Y]b'ghUf_Yg'NY]W\Yb'ZØf
bUW\\U`h][Yb'9!Gdcfh']b'² ghYffY]W\"A UW\Yb'G]Y'g]W\'VYfY]h'ZØf
Y]b'Ui ZfY[YbXYg'K cW\YbYbXY°

8 Y hU]`g	
Cfh	5ighf]U^7YbhYf'J]YbbUž'%&&\$'K]Ybž
	² ghYffY]WX
EiY``Yb	• k k k "a Y]bVYn]f_"Uh
	YgdcfhgZYgh]j U`"Uh
	kkk"gdcfhg!]bg]XYf"XY

6 Ygi W Yb G Y i bg Ui Z a Y]b!k]Yb "b Yh