

HYa dc`]a]h']b'7U`VY.: Ugh'^YXYf'Xf]hhY : U\fYf'ni 'gWXbY``i bhYfk Y[g

± 7 U`VY fGUU`YŁ'k]fX XUg bÀW h`]WXY HYa dc`]a]h'j cb'' \$
_a #\`][bcf]Yfhž'[YZÀ\fXYh'5bk c\bYf" Dc`]nY]'_ØbX][h
? cbhfc``Yb'Ub"

?cd]hn'Yf_`ÀfhY'k Y]hYfž'XUgg'X]Y'Dc`]nY]'a]h'X]YgYb'?cbhfc``Yb
_Y]bY'9]bbU\a Yb'[YbYf]YfYb'a ÒW\hYž'gcbXYfb'j]Y`a Y\f
dfÀj Ybh]j 'hÀh]['k YfXYb'k c``Y'''9]b'k]W\h][Yg'5b`]Y[Yb'gY]'Ygž'XUg
J YfghÀbXb]g'XYf'J Yf_Y\fghY]`bY\a Yf'ni 'ZÒfXYfb''' \DeltagVYgcbXYfY
'Yhnhž'k c'X]Y'k Ufa Yb'Gca a YfbÀW\hY'XUni 'Y]b`UXYbž'X]Y': YbghYf
XYf'K c\bi b[Yb'[YÒZZbYh'ni '\U`hYbž'gY]'Yg'k]W\h][ž'X]Y'5bk c\bYf
j cf'ØVYfa À»][Yf'@Àfa VY`Àgh][i b['ni 'gW\ØhnYb''' K Ybb'X]Y
; YgW\k]bX][_Y]hgVY[fYbni b[Yb'b]W\h'Y]b[Y\U`hYb'k YfXYbž
Yf\Ò\h'g]W\XYf'; YfÀi gW\dY[Y`'Yf\YV`]W\ž'gc'?cd]hn''

Jcf[YgWX]WXhYXYfHYadcVYgWXfAb_ib[

8]Y'; YgWk]bX][_Y]hgVY[fYbni b['Ui Z' \$'_a #\'nk]gW\Yb'&&'i bX *'I \f'k i fXY'Yfgh']a 'A U]'X]YgYg'\J\fYg'Y]b[YZØ\fh"'8]YgY A U» bU\a Y'k i fXY'j ca '@UbX_fY]g'Ub[YcfXbYhž'bUW\XYa

ZYgh[YghY``h'k i fXYž'XUgg'X]Y'GW\U``gW\i hn!F]W\hk YfhY'ni 'X]YgYb
NY]hYb'ØVYfgW\f]hhYb'k i fXYb"'6Y]'XYb'`YhnhYb'J Yf_Y\fgnÀ\`i b[Yb
]a '\\\J\f'\&\\$%) ž'U`gc'j cf'XYf'DUbXYa]Yž'k i fXYb'Ui Z'XYf
CfhgXi fW\ZU\fh'hÀ[`]W\'fi bX'\%\"(\$\$': U\fnYi [Y'[YnÀ\`h"
5b[Yg]W\hg'X]YgYf'NU\`Yb'k Uf'X]Y'9]bZØ\fi b['XYf'6YgW\fÀb_i b[g]\W\Yf`]W\'bchk YbX][ži a 'XYb'K c\b_ca Zcfh'XYf'5bk c\bYf'ni j YfVYggYfb"

8]Y'6Y\ÒfXY'XYb_h'XUfØVYf'bUW\ž'X]Y'G]W\hVUf_Y]h'XYf
HYa dc`]a]hg'ni 'Yf\Ò\Yb"'?cd]hn'k]Yg'XUfUi Z'\]bž'XUgg'bYVYb'XYb
VYfY]hg'j cf\UbXYbYb'GW\]`XYfb'Ui W\'V`]b_YbXY'<]bk Y]ghUZY`b']b
9fk À[i b['[Ync[Yb'k YfXYbž'i a 'X]Y'5i hcZU\fYf'VYggYf'Ui Z'X]Y
; YgW\k]bX][_Y]hgfY[Y`i b['Ui Za Yf_gUa 'ni 'a UW\Yb"'N]Y`']gh'Ygž
a Ò[`]W\gh'j]Y`Y'JYf_Y\fghY]`bY\a Yf'XUni 'ni 'VYk Y[Ybž'g]W\'Ub
X]Y'FY[Y`b'ni '\U`hYb'i bX'gc'X]Y'Ub[fYbnYbXYb'K c\b[YV]YhY'ni
gW\ØhnYb"

D`ÀbY'ZØf'ni _ØbZh][Y'?cbhfc``Yb

8]Y'Dc`]nY]'\Uh'Ub[Y_ØbX][hžkY]hYfY'?cbhfc``Yb'XifW\niZØ\fYbžia'X]Y'9]b\U`hib['XYg'HYadc`]a]hg'ghfYb['ni'ØVYfdfØZYb"'8]Yg_ÒbbhY'b]W\h'bif'XUni'VY]hfU[Ybž'X]Y'5bnU\``XYf JYf_Y\fgjYfghÒ»Y'ni'jYff]b[Yfbž'gcbXYfb'UiW\'XUg'6YkigghgY]bZØf'X]Y'6YXYihib['XYf'bÀW\h']W\Yb';YgW\k]bX][_Y]hgVY[fYbnib[ghÀf_Yb"'\dagba'XYb'_caaYbXYb'AcbUhYb'kYfXYb'5bkc\bYf'ibX5ihcZU\fYf'[`Y]W\YfaU»Yb'UiZ'X]Y'BchkYbX][_Y]h'XYgfydY_hjc``Yb'A]hY]bUbXYfg']a'Kc\b[YV]Yh'\]b[Yk]YgYb"

8]Y'<YfUi gZcfXYfi b['XYf

$JYf_Y\fgg]WXYfYh$

±g[YgUa hij YfXYi hi]WkhiX]YgY'G]hi Uh]cb'X]Y'<YfUi gZcfXYfi b[Ybž X]Y'GhÀXhY'i bX'; Ya Y]bXYb'VY]'XYf'; Yk À\f`Y]ghi b['XYf JYf_Y\fgg]WkYf\Y]hii bX'XYg'@Àfa gWki hnYg'\UVYb"'5b[Yg]Wkhg'XYf ghY][YbXYb'5bnU\ijcb': U\fnYi [Yb'Ui Z'XYb'GhfU»Yb']gh'Yg YbhgWkY]XYbXž'A U» bU\a Yb'ni 'Yf[fY]ZYbž'i a 'gck c\i'X]Y 6Yk c\bYf'ni 'gWkØhnYb'U`g'Ui Wk'X]Y'[YgYhn`]WkYb'Jcf[UVYb Y]bni \U`hYb"'8]Y'VU`UbW]YfhY'<UbX\UVi b['XYf'JYf_Y\fgghfÒa Yk]fX'Ui Wk']b'Ni _i bZh'Y]bY'nYbhfU`Y'Fc``Y'gd]Y`Yb"

8]Y J Yf_Y\fgg]W\Yf\Y]hi]ghiY]b inYbhfU`Yg 5b`]Y[Yb']bij]Y`Yb GhÀXhYb ii bX; Ya Y]bXYb"' \ddotb 7U`VYž'k]Y i]bij]Y`Yb UbXYfYb C fhYbž g]bX; YgW\k]bX][_Y]hgVY[fYbni b[Yb'b]W\hibi fiY]bY: fU[Y'XYf JYf_Y\fgg]W\Yf\Y]hž gc bXYfb 'Ui W\'XYf'@YVYbgei U`]hÀhiXYf 5bk c\bYf" 8]Y '9f\O\i b['XYg'@\Afa dY[Y`g'Xi fW\ni 'gW\bY``Yg : U\fYb'_Ubb'[fUj]YfYbXY'5i gk]f_i b[Yb'Ui Z'X]Y'; Ygi bX\Y]hiXYf 6Øf[Yf]bbYb ii bX'6Øf[Yf'\UVYbž'XUfi bhYf'GW\`UZghOfi b[Yb'i bX Yf\O\hYb'GhfYgg"'Ghi X]Yb'\UVYb'[YnY][hž'XUgg'`Ub[Zf]gh][Y@\Afa VY`Ughi b[Yb'a]hij YfgW\]YXYbYb'[Ygi bX\Y]h`]W\Yb DfcV`Ya Ybž'k]Y'<Yfn!?fY]g`Ui Z!9f_fUb_i b[Yb'i bX'dgmW\]gW\Yb 6Y`Ughi b[Ybž']b'JYfV]bXi b['ghY\Yb'_O\bbYb"'

 $: \varnothing f `Y]b Y `[Ubn \ Y]h`]W Y `6 Y h f U W `hi b [`XY f `J Y f _Y \ f g g]hi Uh]cb `]b \\ 7 U`V Y `]gh`Y g`k]W `h][\check{z} X]Y `5 i g k]f_i b [Yb `j c b \\ ; Y g W `k]b X][_Y]hg \varnothing V Y f g W `K Y]hi b [Yb `j a `? c b h Y I h`XY f`gh A X h]g W Y b D`Ubi b [`i b X `K c \ bei U`]h A h`ni `V Y h f U W h Y b "`@Ui h`XY f K Y`h [Y g i b X \ Y]hg c f [Ub]g Uh]cb `f K < C L g]b X `@ A f a Ya]g g]cb Y b `Y]b Y f b g h ni b Y \ a Y b X Y g`; Y g i b X \ Y]hg f]g]_c" `8 U ni `n A \ `h`U i W `XY f G h f U `Y b` A f a \check{z} XY f `j c f `U``Y a `]b `K c \ b [Y V]Y h Y b `U`g` V Y` Ugh Y b X Y a d Z b X Y b` k] f X " \ D` X] Y g Y a `G]b b Y `_Obb h Y` X Y f : c_i g`U i Z ; Y g W k]b X][_Y]hg_c b h f c``Y b` i b X` X Y b` 9] b g U h n`j c b`h Y W `b] g W Y b <]`Z g a]h h Y` b` k] Y` V`]b _Y b X Y b` <] b k Y] g h U Z Y` b` X U n i `V Y] h f U [Y b ž` X] Y U`` [Y a Y] b Y @ A f a V Y` Ugh i b [`ni `f Y X i n] Y f Y b"`$

<]ghcf]gWXY' <]bhYf[fØbXY]

VYfk UWki b[']gh']b'8Yi hgWk`UbX'b]Wkh'bYi "'GWkcb']b'XYb'%- +\$Yf

J\fYb'VY[Ubb'X]Y'6i bXYgfYdi V`]_'8Yi hgWk`UbX'XUa]hž

Vi bXYgk Y]h'; YgWk k]bX][_Y]hgVY[fYbni b[Yb']a 'GhfU» Ybj Yf_Y\f

Y]bni ZØ\fYbži a 'I bZÀ``Y'ni 'fYXi n]YfYb'i bX'XYb'GhfU» Ybj Yf_Y\f

g]WkYfYf'ni '[YghU`hYb"'8]YgY'A U» bU\a Yb'k i fXYb'U`g'FYU_h]cb

Ui Z'ghY][YbXY'I bZU``nU\`Yb'i bX'X]Y'k UWkgYbXY': U\fnYi [X]WkhY

Yf`UggYb"'5i Wk']b'XYb'Zc`[YbXYb'J\fnY\bhYb'k i fXYb']a a Yf

k]YXYf'5bdUggi b[Yb'Ub'HYa dc`]a]hg'i bX

; YgWk]bX][_Y]hg_cbhfc``Yb'j cf[Ybca a Ybž']bgVYgcbXYfY']b

K c\b[YV]YhYb"'

9]b'dfà[bUbhYg'6Y]gd]Y`'Ui g'XYf'JYf[Ub[Yb\Y]h']gh'X]Y
9]bZØ\fi b['XYf'bÀW\h']W\Yb'; YgW\k]bX][_Y]hgVY[fYbni b['Ui Z
6i bXYgghfU» Ybž'X]Y'Ub[Yg]W\hg'ghY][YbXYf'@\Afa VY`Ughi b['i bX
I bZ\A``Yb']b'XYb'%-, \$Yf'\\J\fYb'ghUf_'X]g_i h]Yfh'k i fXY"'8Yf': c_i g
'U['XUa U`gž'k]Y'Ui W\'\Yi hYž'Ui Z'XYf'JYfVYggYfi b['XYf
@YVYbgei U`]h\Ah'XYf'5bk c\bYf'i bX'XYf'FYXi n]Yfi b['j cb
JYf_Y\fgi bZ\A``Yb"'8]Y'9bhk]W_`i b['XYf
JYf_Y\fgg]W\Yf\Y]hga U» bU\a Yb'nY][h\Z'XUgg'XUg'H\Ya U'Ui W\k Y]hYf\]b'fY`Yj Ubh'V'Y]Vh\Z']bgVYgcbXYfY']b'i fVUbYb'; YV]YhYb'a]h
X]W\hYa 'K c\bVUi'''

5_hi Y``Y`GhUh]gh]_Yb

8 UfØVYf'\]bUi g'nY][Yb'Ghi X]YbžXUgg'X]Y'\DghU``Uh]cb'j cb; YgWk]bX][_Y]hga YgggmghYa Yb'ni 'Y]bYf'g][b]Z]_UbhYb

FYXi n]Yfi b['XYf'; YgWk]bX][_Y]hgØVYfgWkfY]hi b[Yb'ZØ\fYb
_Ubb"'\D'GhÀXhYbžX]Y'gc`WkY'GmghYa Y'Y]b[YZØ\fh'\UVYbž'_cbbhY]b'j]Y`Yb': À``Yb'Y]bY'FYXi n]Yfi b['XYf
; YgWk]bX][_Y]hgØVYfgWkfY]hi b[Yb'i a 'V]g'ni ')\$i 'VYcVUWkhYh k YfXYb"'8]YgY'NU\`Yb'ghY\Yb']a '9]b_`Ub['a]h'XYb'N]Y`Yb'XYf
JYf_Y\fgg]WkYf\Y]h'i bX'nY][YbžXUgg'dfÀj Ybh]j Y'A U» bU\a Yb
YZY_h]j 'gY]b'_ObbYbž'i a 'X]Y'G]WkYf\Y]h']a 'GhfU» Ybj Yf_Y\f'ni
Yf\O\Yb"

8 YhU]`g

6 Ygi W Yb 'G]Y 'i bg 'Ui Z 'b!U["XY