

7\f]gh]bY < Ua YfibX @i _UgJc][h. 5i Zgh]Y[]b X]Y G!?`UggY XYg @UhY]bhUbnYg°

7\f]gh]bY'<Ua Yf'i bX'@ _Ug'Jc][h'ghY][Yb'bUW\'D`Uhn'nk Y] VY]' BFK "Wca d ']b'X]Y'G!?`UggY']a '@UhY]bhUbnYb'Ui Z'i bX ghfYVYb'k Y]hYfY'9fZc`[Y'Ub"

 $= a - 6 Y f Y] W \cdot X Y g \cdot H U b n g d c f h g \cdot V h \cdot X U g \cdot 8 i c \cdot 7 \cdot f] g h] b Y \cdot < Ua \ Y f \cdot i b X \\ @ \quad _ U g \cdot J \ c \right] [h \cdot j \ c b \cdot X Y f \cdot H G 5 \cdot 7 f Y U h] j \cdot] a \quad ; \quad J \ C \cdot C \cdot X Y b V i \ f [\cdot Y] b Y \\ V Y a \ Y f _ Y b g k \ Y f h Y \cdot @ Y] g h i b [\cdot Y f n] Y \cdot h '' \cdot G] Y \cdot V U V Y b \cdot g] W \cdot] b \cdot X Y f \\ H U b n h i f b] Y f ! G Y f] Y \cdot B F K \ "W c a d \ 'Y] b Y b 'D \ U h n \cdot] b \ X Y f \cdot V Y [\ Y \ f h Y b \cdot G ! \\ ? \cdot U g g Y \cdot] a \ \cdot @ U h Y] b h U b n Y b \ Y f _ A a d Z h '' \cdot 8] Y g \cdot] g h \cdot b] W h \cdot b i \ f \cdot Y] b \cdot 5 i \ Z g h] Y [] b \cdot Y] b Y \cdot b Y i \ Y \cdot @ Y] g h i b [\ g _ ` U g g Y / ` Y g \cdot a \ U f _] Y f h \cdot U i \ W \cdot Y] b Y b \\ Y b h g W X Y] X Y b \ X Y b \ G W X f] h h \cdot] b \cdot] \ Y f f \cdot H U b n _ U f f] Y f Y '''$

5a 'j Yf[Ub[YbYb'K cW\YbYbXY'ZUbXYb'X]Y'Hi fb]YfY']b'6]Y'YZY'X ghUhh"A]h']\fYf'8UfV]Yhi b[']a 'FU\a Yb'XYf'?`UggY'A UghYfg'=5
@UhY]b'_cbbhYb'<Ua Yf'i bX'Jc][h'XUg'Di V`]_i a 'gck]Y'X]Y'\$
fm
VYY]bXfi W_Yb" K]f'g]bX'ØVYf[`ØW_`]W\'ØVYf'X]YgYb'9fZc`[ž
VYhcbhY'<Ua Yfž'k À\fYbX'Jc][h'Yf[ÀbnhY. K]f'ZfYi Yb'i bg'XUfUi Zž
i bg']b'XYf'G!?`UggY'bYi Yb'<YfUi gZcfXYfi b[Yb'ni 'ghY``Yb" '=\fY
8UfV]Yhi b['k Uf'Y]bY'?ca V]bUh]cb'Ui g'hYW\b]gW\Yf'9I nY``Ybn'i bX
Ya ch]cbU`Ya '5i gXfi W_ž'k cXi fW\'g]Y'g]W\'j cb'UbXYfYb
HY]`bY\a Yfb'UV\YVYb'_cbbhYb"

9]b [fc» Yf HfUi a

 $8 \ Yf'5i \ Zgh]Y[\ ']b'X]Y'G!?`UggY\check{z}X]Y'\ \grave{O}W\ ghY'@Y]ghi \ b[\ g_`UggY']a$ $HUb \ ngdcfh\check{z}'Yf\grave{O}ZZbYh'XYa 'DUUf'j \grave{O}``][\ 'bYi Y'DYfgdY_h]j Yb''' \ 9g']ghi \ bgYf'[f\grave{O}>hYf'K i \ bgW\&\check{z}']b'X]YgYa '6YfY]W\&'YfZc`[fY]W\&'ni 'gY]b \ \check{z}$ $a \ Y]bhY'Jc][h''=\ fY'@Y]ghi \ b[Yb'gd]Y[Y`b']\ fY'<]b[UVY'i \ bX$

@Y]XYbgW\UZhZØf`XYb`HUbn`k]XYf"'<Ua Yf`Yf_`ÀfhY.` K]f'j Yfgi W\Yb VY]`YXYa `HUbnž`XUg`Di V`]_i a `]b`i bgYfYb`6Ubb`ni `n]Y\Yb`i bX i bgYfY`@Y]XYbgW\UZh`ZØf`X]YgYb`Gdcfh`ni `nY][Yb" `8]YgY <YfUb[Y\Ybgk Y]gY`nY][h'g]W\`b]W\h'bi f`]b`]\fYb`ØVYfnYi [YbXYb @Y]ghi b[Ybž`gcbXYfb`Ui W\`]b`]\fYa `9b[U[Ya Ybhž`XYb Ni gW\Ui Yfb`Y]b`i bj Yf[Ygg`]W\Yg`9f`YVb]g`ni `V]YhYb"

8 c W. 'X]Y 'VY]XYb 'HÀbnYf'fi \Yb'g]W. 'b]W. h'Ui Z']\fYb'@cfVYYfYb Ui g" 5_hi Y``'hfYhYb'k]f']a 'GhUbXUfXhUbnYb']b'XYf'6!?`UggY'Ubž i bX'i bgYf'N]Y`']gh'Ygž'Ui W. 'Xcfh'XYb'5i Zgh]Y[']b'X]Y'5!?`UggY'ni gW. UZZYb ž'Yf`Ài hYfhY'Gj Yb'6ØW_Yfž'GdfYW. Yf'XYf'HG5"'8 Ug 9ffY]W. Yb'XYf'5!?`UggY'k ØfXY'Yg']\bYb'Yfa Ò[`]W. Ybž'Ub'XYb Ub[YgY\YbYb'%\$!HÀbnY!A Y]ghYfgW. UZhYb'hY]`ni bY\a Ybž'X]Y'U`g?Òb][gX]gn]d`]b']a 'HUbngdcfh'[Y`hYb" 9g'YfZcfXYfh'j]Y``HfU]b]b[ž8i fW.\U`hYj Yfa Ò[Yb'i bX'@Y]XYbgW. UZhž'UVYf'k]f'g]bX'ZYgh YbhgW.`cggYbž'Yg'ni 'gW. UZZYb ž'ZØ[hY'6ØW_Yf'\]bni "

#D'XYf'bÀW\ghYb'K cW\Y'd`Ubh'X]Y'HG5'7fYUh]j 'Y]bY'gdUbbYbXY

JYfUbghU'hi b['ZØf'HUbn]bhYfYgg]YfhY"'Jca '&"'V]g'+"'GYdhYa VYf

Z]bXYb'Ua 'I \'Ybk Y['X]Y'; JC'8UbWY'8Umg 'ghUhh"'8]YgY'V]YhYb

gck c\'BYi ']b[Yb'U'g'Ui W\'YfZU\fYbYb'HÀbnYfb'X]Y'A Ò[']W_Y]hž

j YfgW\]YXYbY'HUbngh]'Y'_cghYb'cg'Ui gni dfcV]YfYb"' 8Ug

Dfc[fUa a 'f]W\hYh'g]W\'Ub'U'`Y'5`hYfg[fi ddYb'i bX'B]j YUi g"'K]f

V]YhYb'6U``Yhh'ZØf'?]bXYfž'<]d'<cdž'J]XYcW]dž'6Ui W\hUbn'gck]Y

@UhY]bhUbnYb'Ub ž'Yf_`AfhY'6ØW_Yf"

6YgcbXYfY'JYfUbghU`hi b[Yb

8]YgY'8UbW'8Umg'YbXYb'a]h'nk Y]'VYgcbXYfYb'9j Ybhg. 5a GUa ghU[ž'XYb'+"'GYdhYa VYfž'[]Vh'Yg'j cb'%*'V]g'%+.'\$'I\f'Y]bY'?]bXYfdUfhm'i bX'UV'%-'I\f'Y]bY'HUbndUfhm'ZØf'9fk UWXgYbY"'Gc\UVYb'X]Y'HY]'bY\a Yf'b]WXh'bi f'X]Y'; Y`Y[Yb\Y]hž'j YfgWX]YXYbYHÀbnY'ni '`YfbYbž'gcbXYfb'Ui WX'[Ya Y]bgUa 'ni 'ZY]Yfb'i bX'ni hUbnYb"

8]Y'; YgWX]WXhY'j cb'7\f]gh]bY'< Ua Yf'i bX'@ _Ug'Jc][h']gh'a Y\f U`g'bi f'Y]b'5i Zgh]Y[']a 'HUbngdcfh'G]Y'gma Vc`]g]YfYb'XYb i bYfa ØX`]WXYb'9]bgUhn'/\ b[Yf'HÀbnYfž'X]Y'j cb'@Y]XYbgWXUZh'i bX XYf'GY\bgi W\h'bUW\'9fZc`['[YdfÀ[h'g]bX"'A]h']\fYb'N]Y`Yb'i bX 5a V]h]cbYb'g]bX'g]Y'Y]b'6Y]gd]Y`'XUZØfž'k Ug']a 'HUbngdcfh'a Ò[`]W\]ghž'k Ybb'a Ub'\Ufh'UfVY]hYh'i bX'_cbgYei Ybh'gY]bY'HfÀi a Y j YfZc`[h"

"8 Yf K Y['ni 'XYb'\ OW ghYb'@Y]ghi b[g_`UggYb']a 'HUbngdcfh YfZcfXYfh'b]W h'bi f'HU`Ybhž'gcbXYfb'Ui W '\U\fY`Ub[Yg'HfU]b]b[i bX'<]b[UVY": Øf'HÀbnYf'k]Y'7\f]gh]bY'< Ua Yf'i bX'@ _Ug'Jc][h VYXYi hYh'X]Ygž']b'Y]bYf'gY\f'k YhhVYk YfVg]bhYbg]j Yb'I a [YVi b[ghÀbX]['Ub']\fYf'HYW b]_'i bX']\fYa '5i gXfi W_'ni 'UfVY]hYb"'8]Y'G!?`UggYž']b'X]Y'g]Y'bi b'Ui Z[Ygh]Y[Yb'g]bXž']gh'b]W h'bi f'Y]b'NY]W Yb ZØf'\YfUi gfU[YbXY'@Y]ghi b[Ybž'gcbXYfb'Ui W 'Y]b'NY]W Yb'ZØf]\fY'6YfY]hgW UZhž'g]W ']a a Yf'k]YXYf'bYi Yb'<YfUi gZcfXYfi b[Yb'ni 'ghY``Yb"

": Øf'j]Y`Y`Hi fb]YfhÀbnYf']gh'XYf'5i Zgh]Y[']b'X]Y`G!?`UggY`Y]b
@YVYbghfUi a "'Bi f'X]Y`6YghYb`XYf'6YghYb`gWXUZZYb`Ygž'g]WX`Xcfh
ni 'VYk Y]gYb"'8Yf'8fi W_']gh'\cWXž'XYf'K YhhVYk YfV']bhYbg]j "

*XcWX`V]YhYh'X]Y`Ni [Y\Of][_Y]h'ni f'G!?`UggY`Ui WX`X]Y
A O[`]WX_Y]hž'g]WX`a]h'XYb`VYghYb`HAbnYfb`XYg`@UbXYg'ni 'a YggYb
i bX`k Yfhj c``Y`9fZU\fi b[Yb`ni 'gUa a Y`b"'

8Yf?cbhYlh:XYg:HUbngdcfhg:]b:8Yi hgWX:UbX

"8 Yf 'HUbngdcfh']b'8 Yi hgWX`UbX`\Uh'Y]bY'`Ub[Y'HfUX]h]cb'i bX']gh]b'j YfgWX]YXYbYb'J YfVÀbXYb'cf[Ub]g]Yfhž'X]Y'nU\`fY]WXY'Hi fb]YfY i bX'A Y]ghYfgWXUZhYb'Ui gf]WXhYb"8]Y'Dcdi `Uf]hÀh'XYg'HUbngdcfhg \Uh']b'XYb'`YhnhYb'*J\fYb'ni [Ybca a Ybž'b]WXh'ni `Yhnh'Xi fWX: YfbgY\gYbXi b[Yb'k]Y' @Yhg'8UbWY ž'X]Y'XUg'*bhYfYggY'Ub K Yhh_Ua dZhÀbnYb'[YZÒfXYfh'\UVYb"'9g'[]Vh'nU\`fY]WXY'JYfY]bYž X]Y'gck c\`'6fY]hYb!'U`g'Ui WX'@Y]ghi b[ggdcfh'UbV]YhYbž'i bX'XYf 5i ghUi gWX'nk]gWXYb'XYb'HÀbnYfb'k]fX'Xi fWX'fY[Y`a À»][Y

"Ni XYa []Vh'Yg']b'8Yi hgW\`UbX'Y]b'[i h'ghfi _hi f]YfhYg'GmghYa j cb'Hi fb]Yf_`UggYbž'XUg'Yg'HÀbnYfb'Yfa Ò[`]W\hž']\fYb': cfhgW\f]hh bUW\j c``n]Y\VUf'ni '[YghU`hYb"'8]Y'Ni [Y\Òf][_Y]h'ni '\Ò\YfYb?`UggYb']gh'b]W\h'bi f'Y]bY'5bYf_Ybbi b['XYf': À\][_Y]hYbž'gcbXYfb

Ui WX 'Y]b 'k] WX h][Yf 'GWX f]hh 'ni f 'HY] 'b U\a Y 'Ub 'd fYgh][YhfÀWX h][Yb K YhhVYk YfVYb 'k]Y 'XYb 'XYi hgWX Yb 'A Y]ghYfgWX UZhYb 'c XYf 'XYb %\$! HÀb nY!A Y]ghYfgWX UZhYb ž 'X]Y 'j cb 'j]Y 'Yb 'HÀb nYfb 'U 'g 'XUg B cbd 'i gi 'hfU 'Ub[YgY\Yb 'k YfXYb"'

8]Y 6YXYi hi b[XYf ; J C 8UbWY 8Umg

"8]Y'VYj cfghY\YbXYb'; JC'8UbWY'8Umg 'V]YhYb'Y]bY'k]W\h][Y D`UhhZcfa 'ZØf'X]Y'`c_U`Y'HUbn[Ya Y]bgW\UZhži a 'X]Y'J]Y`ZU`h'XYg HUbngdcfhg'ni 'ZÒfXYfb"'JYfUbghU`hi b[Yb'k]Y'X]YgY'n]Y\Yb'b]W\h bi f'YfZU\fYbY'HÀbnYf'Ubž'gcbXYfb'Ui W\BYi `]b[Yž'X]Y'\hYfYggY Ub'j YfgW\]YXYbYb'HUbngh]`Yb'\UVYb"'8]Y'A Ò[`]W_Y]hž j YfgW\]YXYbY'?i fgY'Ui gni dfcV]YfYbž'_Ubb'YbhgW\Y]XYbX'gY]bž i a '1 b[Y'HU`YbhY'ni 'YbhXYW_Yb'i bX'ZØf'XYb'HUbngdcfh'ni VY[Y]ghYfb"

"BYVYb'XYf": ÒfXYfi b['XYg'HUbngdcfhg'\UVYb'gc`W\Y JYfUbghU`hi b[Yb'Ui W\ 'Y]bY'gcn]U`Y'?ca dcbYbhY"'G]Y'Vf]b[Yb A YbgW\Yb'i bhYfgW\]YX`]W\Yf'5`hYfg[fi ddYb'i bX'<]bhYf[fØbXY ni gUa a Yb'i bX'gh\Af_Yb'XUg'; Ya Y]bgW\UZhg[YZØ\`"'8 UfØVYf\]bUi g'_\ObbhY'X]Y'HY]`bU\a Y'Ub'gc`W\Yb'JYfUbghU`hi b[Yb`Ub[Zf]gh]['XUni 'VY]hfU[Ybž'XUgg'a Y\f'A YbgW\Yb'X]Y
@Y]XYbgW\UZh'ZØfg'HUbnYb'YbhXYW_Yb'i bX'a O[`]W\Yfk Y]gY'gY`Vgh]b'XYb'@Y]ghi b[gVYfY]W\'Y]bghY][Yb"'

8]Y'< YfUi gZcfXYfi b[Yb']a '@Y]ghi b[ggdcfh

"8]Y'HY]'bU\a Y'Ua '@Y]ghi b[ggdcfhž']bgVYgcbXYfY']a 'HUbnž']ghicZha]h'Yf\YV']W\Yb'<YfUi gZcfXYfi b[Yb'j YfVi bXYb''8]Yg'fY]W\h'j cb XYb'\c\Yb'5bZcfXYfi b[Yb'Ub'HYW\b]_'i bX'5i gXfi W_'V]g'\]b'ni XYb'dgmW\c`c[]gW\Yb'5gdY_hYb'XYg'K YhhVYk YfVg'''HÀbnYfa @ggYb']b'XYf'@U[Y'gY]bž'i bhYf'8fi W_'ni 'dYfZcfa Yb'i bX ['Y]W\nY]h][']\fY'@Y]XYbgW\UZh'ZØf'XYb'Gdcfh'Ui ZfYW\hni Yf\U`hYb'' JYf'Yhni b[Yb'i bX'F@W_gW\'À[Y'g]bX'YVYbZU``g'\Ài Z][Y'6Y[`Y]hYf]a '@Y]ghi b[ggdcfhž'k Yg\U`V'Y]bY'gc`]XY'I bhYfghØhni b['Xi fW\HfU]bYf'i bX'XUg'I a ZY'X'i bUVX]b[VUf']gh''

 $\ \, :: \varnothing f' < Ua \ Yf'i \ b X'J \ c][\ h'VYXYi \ hYh'X]Yg \check{z}'g]W \ \ b]W h'bi \ f'Ui \ Z'X]Y$

HUbnhYW\b]_ini '_cbnYbhf]YfYbžigcbXYfb'Ui W\ 'a YbhU`Y'GhÀf_Y Ui Zni VUi Yb"'K cf_g\cdg'i bX'HfU]b]b[g']b'XYb'6YfY]W\Yb GdcfhdgmW\c`c[]Y'_ObbYb'\]`ZfY]W\ 'gY]bž'i a 'XYb'HÀbnYfb'XUVY] ni '\Y`ZYbž']\fY'DYfZcfa UbWY'ni 'cdh]a]YfYb'i bX'a]h'XYa '8 fi W_i a ni [Y\Ybž'XYf'a]h'XYa 'K Yhh_Ua dZgdcfh'j YfVi bXYb']gh"

8 Y hU]`c

6Ygi WXYb G]Y i bg Ui Z b!U["XY