

9]b'?fmdhc!7`]ZZ\Ub[Yfž'XYf'jca'5V[fibX nifØW_[YVfUW\h'kifXY

K À\fybX`A U_fc!8Y[Ybg`Ua `A]hhk cW\XX]Y`: YXYfU``FYgYfj Y
VYcVUW\hYhYbž'_cbnYbhf]YfhYb`g]W\`?fmdhc!8Y[Ybg`Ui Z'Y]b
UbXYfYg`8fUa U.`9]b`a]hifi bX`&) \$`A]c": U``g`b]W\h`[Y\Ofhž
?fmdhc!K]bhYf `]gh`XU"`6]hWc]b`]gh`]b`X]YgYa `\J\fi a `aY\f
U`g`) \$`DfcnYbh`[YZU``Ybži bX`9h\Yf`\Uh'aY\f`U`g`**`DfcnYbh
j Yf`cfYb"8Yf`?fYX]h[YVYf`7Y`g]i g`\Uh'?i bXYbUV\YVi b[Yb
Y]b[YZfcfYb`i bX`6Yf]W\hYb`ni Zc`[Y
FYghfi _hi f]Yfi b[gUbk À`hY`VYUi ZhfU[h"`7c]bVUgY`Ybh`Aggh
ZUgh'Y]b`: ØbZhY``gY]bYf`VYhfÀW\h`]W\Yb`6Y`Y[gW\UZh"\8]Y
GU]gcb`_Ubb`]\fY`Y][YbYb`K YfVY[U[g`\UVYb"`9]bY`[fc»Y
6f]YZhUgW\Y`YffY]W\hY`Ua `A]hhk cW\`XYb`5V[fi bXžk c`X]Y
@]ei]XUh]cb`Y]bY`@Uk]bY`j cb`JYf_Ui ZgXfi W_`Ui g[Y`Ogh`\AhhY"
GY]b`6Yg]hnYf`]gh`b]W\h`VY_Ubbh"`9]b`ZfØ\Yg`; YfØW\h`
Ui Z[fi bX`Y]bYf`k U\fgW\Y]b`]W\Yb`/ Ua d\Y``]d/

K À\fYbX'A U_fc!8Y[Ybg'Ua 'A]hhk cW\'X]Y': YXYfU``FYgYfj Y VYcVUW\hYhYbž'_cbnYbhf]YfhYb'g]W\'?fmdhc!8Y[Ybg'Ui Z'Y]b UbXYfYg'8fUa U.'9]b'a]h'fi bX'&)\$'A]c"'

: U``g`b]W\h'[Y\Ofhž'?fmdhc!K]bhYf ']gh`XU"'6]hWc]b']gh`]b`X]YgYa \\J\f`i a 'a Y\f'U`g') \\$'DfcnYbh'[YZU``Ybži bX'9h\Yf'\Uh'a Y\f'U`g'* *DfcnYbh'j Yf`cfYb"'8Yf'?fYX]h[YVYf'7Y`g]i g`\Uh ?i bXYbUV\YVi b[Yb'Y]b[YZfcfYb'i bX'6Yf]W\hYb'ni Zc`[Y FYghfi _hi f]Yfi b[gUbk À`hY'VYUi ZhfU[h"'7c]bVUgY'Ybh`Aggh`ZUgh`Y]b : ØbZhY``gY]bYf'VYhfAW\h`]W\Yb'6Y`Y[gW\UZh"'8]Y'GU]gcb'_Ubb']\fY Y][YbYb'K YfVY[U[g`\UVYb"'

9]bY'[fc»Y'6f]YZhUgW\Y'YffY]W\hY'Ua 'A]hhk cW\'XYb'5V[fi bXž'k c X]Y'@]ei]XUh]cb'Y]bY'@Uk]bY'j cb'JYf_Ui ZgXfi W_U Ui g[Y`Ògh'\ÀhhY'' GY]b'6Yg]hnYf']gh'b]W\h'VY_Ubbh'''9]b'ZfØ\Yg'; YfØW\h'''Ui Z[fi bX

Y]bYf'k U\fgW\Y]b`]W\Yb': Y\`VYnY]W\bi b['XYg'8 UhYbUbV]YhYfg B UbgYb' k Ufž'XUgg'X]Y'6f]YZhUgW\Y'XYa '<YX[YZcbXg'H\fYY 5ffck g'7 Ud]hU`'fUi W\'VY_Ubbh'U`g'' UWŁ'[Y\ÒfhYž'XYggYb'; fØbXYf Y]bY'j YfÒZZYbh`]W\h'\UhhY'j U[Y'hk]hhYfb'@VYf' XUg'DfcV`Ya `ÒgYb 'i bX'k]fX'6Yf]W\hYb'ni Zc`[Y'j cb'?fYX]h[YVYfb'i bhYf'8fi W_[YgYhnh"'5VYf'XUg'BUbgYb!@UVY`'k i fXY']bnk]gW\Yb'Ui g'XYf 6f]YZhUgW\Y'YbhZYfbhž'i bX'Y]bY'DYfgcb'a]h'9fZU\fi b[']b'XYf 5bU`mgY'gc`W\Yf'8]b[Y'gU[h'i bgž'XUgg'g]Y'b]W\h'[`Ui Vhž'XUgg'Yg' UW[Y\Òfh"

@c`'%\$*_'' 57'9H<'kifXY'kY[Yb'CfUWY!IdXUhY!@UhYbn jcf'XYf'@]ei]XUh]cb'[YfYhhYh'

8 Ub_'Y]bYf'JYfnÒ[Yfi b['j cb'Y]b'dUUf'A]bi hYb'g]bX'g]Y VYfY]hg'i a '%, 'A]``]cbYb'8c``Uf'[Ygh]Y[Yb' d]Whk]hhYf"Wca#Y*ed7X; -'@

'9f]WK U``'fA YfWk `Ł'%) "'> b]'&\$&&

9gʻ]ghʻY]bYʻ[ihYʻ, Vib[ʻniʻYf_`ÀfYbžʻk]YʻbU\YʻX]Yʻ6f]YZhUgW\YXYaʻ5igV`UgYbʻ_UažʻkY]``Ygʻibgʻ\]`ZhʻniʻjYfghY\Ybž'k]Y?fYX]hjYf[UVYʻibXʻ@]ei]XUh]cbʻ]bʻXYfʻKY`hijcbʻ8Y:] Zib_h]cb]YfYb"

 $8 \ Ug ?? \ cbhc `\ Uh 'g Y]b '8 \ Uf `Y \ Yb '[YghØhnh'i b X 'Y]b Yb 'HY]` 'g Y]b Yf \\ GWX i `XYb 'g Y]h'g Y]b Ya '5 Vg WX `i gg'ni f Ø W_[Yn U \ `h'' 5 V Yf' k]f'_\Obb Yb \\ g Y \ Yb ž' X Ugg 'X]Y 'K U``Yh' Yhnh'&' , 'A]``]c b Yb '8 c``Uf' Ub '9h\ Yf' U`g \\ G]WX Yf \ Y]h'Ui Z'XYf' 8 Y:]! Df chc_c``!#? f Y X]hd`UhhZcfa '5 Uj Y 'ZØ f' Y]b Yb %* +!A]``]c b Yb! 8 c``Uf! 8 Uf`Y \ Yb'j cb'GhUV`Y Wc]b g'I G8 'i b X'I G8 \]b h Yf`Y[h'\Uh''$

8 Y:]!? fYX]hY a ØggYb]b XYf FY[Y` ØVYfVYg]WXYfh k YfXYb z a]h _`Y]bYfYb Di ZZYfb ZØf g]WXYfYfY Hc_Yb i bX [fò» YfYb ZØf f]g_UbhYfY Hc_Yb "G]b_h XYf K Yfh XYf j Yfd ZÀbXYhYb G]WXYf \Y]hYb i bhYf Y]bY VYgh]a a hY GWX k Y``Y z gWX fY]hYb X]Y =bgc j Ybnj Yfk U`hYf

@lei]XUhcfYbig]bXi6chgžiX]Yi8Y:]!Dfchc_c``Yia[Y\YbžiK U``Yhgia]hibhYfVYg]WXYfhYbi?fYX]hYbi]XYbh]Z]n]YfYbiibXiXUbbiXUgi?cbhci]ei]X]YfYbži]bXYaig]YiX]YiG]WXYf\Y]hYbi[Yk]bbVf]b[YbXjYf_UiZYbii8fU[cbZmiFYgYUfWXi\UhiY]bYibYhhYi9f_`Afib[iXYf9]bnY`\Y]hYb"i

GcVU`X`Y]bY`6f]YZhUgW\Y`]b`8Y:]!JYfni [`[YfÀhž'k]fX`i bg`[YgU[hž XUgg`X]Y`@ei]XUhcfYb`gW\bY```Y]b[fY]ZYb"'5VYf`Ua
A]hhk cW\a cf[Yb`Z]Y``XYf`9h\YfdfY]g`i bhYf`XYb`]a d`]n]YfhYb
@ei]XUh]cbgdfY]g"'8Ua U`g`k Uf`XUg`gc```fi bX`%"\$%) 'I G!8c``Uf
VYhfU[Yb"'

5`gc'k Ug']gh'd Ugg]Yfh3'K Ufi a 'k i fXY'XUg'?cbhc'b]W\h'Ui Z[Y`Ògh3'

K]Y'XYf'cV][Y'Hk YYh'Yf_`Àfhž'k Uf'Yg'Y]b'DfcV`Ya 'XYf
CfU_Y`U_hi U`]g]Yfi b[g`UhYbn "'8]YgYg'DfcV`Ya '\Uh'YXcW\'b]W\hg
a]h'@Uffm'9``]gcb'cXYf'A]_fck Y``YbhØfa Yb'ni 'hi bž'XU'X]Yg
?fmdhc`UbX']gh'i bX'U``Yg'Y]bYb'Xi a a Yb'BUa Yb'\UVYb'a i gg"'

5i Z'X]Y'; YZU\f'\]bž'XUgg'Y]b' CfU_Y` 'ni 'ghUf_'j YfY]bZUW\h'k]fXž
]gh'Yg']a 'K YgYbh`]W\Yb'Y]b'8 UhYbZYYXž'XYf'Ga Ufh'7cbhfUWhg'XUVY]
\]`Zhž']\fY': i b_h]cb'ni 'YfZØ``Yb"' \delta 'X]YgYa ': U``'gYhnh'Y]b'8]Ybgh
bUa Ybg'7\U]b`]b_'DfY]gY']b'X]Y'6`cW_W\U]bž'XUa]h'X]Y
]bhY``][YbhYb'JYfhfÀ[Y'j cb'5Uj Y'g]Y'ZØf'XYb'6Yhf]YV'j Yfk YbXYb
_`ObbYb"'

8]Ygʻ]ghʻb]WkhʻXYfʻHYfa]ba Uf_hžʻi bXʻX]Yʻ5_hi Uʻ]g]Yfi b[ʻXYfʻDfY]gY]bʻXYfʻ?YhhYʻ]ghʻhYi Yf"ʻG]Yʻk YfXYbʻUʻgcʻb]Wkhʻ]bʻ9WkhnY]h
U_hi Uʻ]g]Yfh''`GhUhhXYggYbʻU_hi Uʻ]g]Yfhʻ7\U]bʻ]b_ʻX]YʻCb!7\U]b!
DfY]gYž'k YbbʻX]Yʻ CZZ!7\U]b !8UhYbʻi a ʻ\$ž)ʻDfcnYbhʻcXYfʻa Y\f
i cbʻXYfʻ`YhnhYbʻ5 hi Uʻ]q]Yfi b[ʻUVk Y]WkYbžʻcXYfʻqhØbX`]Wk"

5`g'9h\Yf'Ui Z'Yhk U'%\$%) `` 'Z]Y`ž'\ÀhhY'Yg'Y]bY'VYhfÀW\h`]W\Y @]ei]XUh]cb'Ui g[Y`Òghž'k Ybb'Yg'X]Y'?f]hYf]Yb'ZØf'XYb'DfY]g'YfZØ``h \ÀhhYž'i a ']b'X]Y'?YhhY'ni '[Y\Yb"' 5VYf'XUg'hUh'Yg'b]W\h''9g'k Uf'b]W\h'[fc> '[Ybi[']a 'JYf['Y]W\ni XYa 'DfY]gž'XYf']a 'j cf\Yf][Yb'Cb!7\U]b!I dXUhY'Ui Z[YnY]W\bYh k i fXYž'i bX'Yg'XUi YfhY'_Y]bY'Ghi bXY"'5bghUhh'U'gc'fi bX'&) \$ A]``]cbYb'8c'`Uf']b'9h\Yf'ni 'j Yf']YfYbž'a i gghY'XUg'?cbhc'Y]bYb k Y]hYfYb'HU['`YVYb"'

Gc`WXY'8]b[Y'dUgg]YfYb'bUhØf`]WX 'ghÀbX][']b'HfUX:]"'HUhgÀWX`]WX]gh'Yg'Yfgh'j cf'_i fnYa 'dUgg]Yfhž'k]Y'i bgYfY'?c``Y[Yb'VYf]WXhYh \UVYb"'8]Y'7]h][fci d'_Ua 'k À\fYbX'XYf'A Uf_hhi fVi `YbnYb']a A Àfn'&\$&\$ 'a]h'JYfgdÀhi b['Ui Z'Y]bYb'A Uf[]b'7U``'j cb \pm bhYfWcbh]bYbhU`'9I WXUb[Y'ni ž'UVYf'X]Y': Ø\fi b[g_fÀZhY'j cb' \pm WYYbhgWX]YXYbž'XUgg'Yg'k]WXh][Yf'gY]ž' _Y]bYb'GWXUXYb Ubni f]WXhYb 'i bX'Y]b' _UhUghfcd\U`Yg '9fY][b]g'ni 'j Yfa Y]XYb"'

K UgʻXYbʻ5Uj Y!JcfZU```gcʻVYa Yf_Ybgk Yfh'a UW\hž']ghž'XUggʻ8Y:] j c``ghÀbX][ʻXUfUi ZʻUi g[Y`Y[hʻ]gh'*j Yfa Y]XYb*ʻX]YgYʻG]hi Uh]cbYb''`

8]Y'9bhgWXY]Xi b[ž'7]h]'; bUXY'ni '[Yk À\fYbž'k i fXY'UVg]WXh`]WX j cb'Y]bYa 'A YbgWXYb'[YhfcZZYbž'XYf'YbhgWX]YXž'XUgg'XUg'6]Y[Ybjcb'FY[Y`b'XYa '[fÒ»YfYb'K c\``XYg'A Uf_hYg'i bX'XYg :]bUbngmghYa g'X]Ybh"

9g'[]Vh'Y]b'[Yk]ggYg'AU» 'Ub': `YI]V]`]hÀh'VY]'XYf'8ifW,gYhnib['ibX'Y]bY'[Yk]ggY'JYfgW,`Y]Yfib['XYf'DfY]gZ]bXib['iX]Y'a]h'Y]bYf]bhYbg]jYb'aYbgW,`]W,Yb'\DhYfU_h]cb'Y]b\Yf[Y\h''\\hi\fY'\h\Offy]gZ]bXib['iX]Y'a]h'Y]bYf]uhYbg]jYb'aYby'DUigYž'cXYf'\hi\f'\hofc_Yf'\Offh'Y]bZUW.'UiZž'ZØfY]bY'KY]`Y'Ubg'HY`YZcb'ni'[Y\Ybž'kYbb'X]Y'AÀf_hY'\Àgg`]W,UiggY\Yb'''9]b'HY]`'XYg'`]VYfhÀfYb'FY]nYg'jcb'8Y:]'ibX'?fmdhc']ghžXUgg'U``Yg'aYW,Ub]gW,']gh/'GaUfh'7cbhfUWhg'_ØaaYfb'g]W,'b]W,hia'X]Y'KU\fib['XYf':]bUbnghUV]`]hÀh''

<AbX`Yf'_ObbYb'UbgW\Y]bYbX'Ui W\']a a Yf'bcW\'Y]bY
?fmdhcdUi gY'Yf`Y]XYb"'8]Y'@Ui bYb'XYf'?fmdhc!; OhhYf'g]bX'Y]bZUW\
j]Y`'k]``_Øf`]W\Yf"'</pre>

8 Y hU]`q

6 Y gi W Y b 'G]Y 'i b g 'Ui Z '_fmd hc!b Y k g "Uh