

BYi!I `a `YbhXYW_Yb. ?i `hi fž'?i `]bUf]_ i bX`BUhi f`Ua `8cbUi i ZYf

9bhXYW_Yb`G]Y`BYi!I`a..'jcb`XYf`\]ghcf]gW\Yb`5`hghUXh`ØVYf _i`]bUf]gW\Y`<][\`][\hg`V]g`\]b`ni`BUhifYf`YVb]ggYb`Ua 8cbUiiZYf"JYfUbghU`hib[Yb`ibX`?i`hifYfkUfhYb`G]Y°



k]f'X]fž'k Y`W\Y'_i `hi fY``Yb'GW\ÀhnY'i bX': fY]nY]ha Ò[`]W_Y]hYb'X]YGhUXh'ni 'V]YhYb'\Uhž'i bX'j YffUhYb'X]f'X]Y'VYghYb

J YfUbghU`hi b[Ybž'X]Y'Xi 'Ui Z'_Y]bYb': U```j YfdUggYb'gc``hYgh'''@Ugg
i bg'[Ya Y]bgUa ']b'XUg'di `g]YfYbXY'@YVYb'BYi!I `a g'Y]bhUi W\Yb'

9bhXYW_i b['XYf'5 `hghUXh'j cb 'BYi!l `a

8]Y'5`hghUXh'jcb'BYi!I`a']gh'Y]b'kU\fYg'\\$kY``Ua'IZYf'XYf 8cbUi'ibX'V]YhYh'6YgiW\Yfb'Y]bY'ZYggY`bXY'?caV]bUh]cb'Uig ;YgW\]W\hY\Z'5fW\]hY_hif'ibX'`YVYbX][Yf'?i`hif''A]h']\fYb W\UfaUbhYb';UggYb'ibX'\]ghcf]gW\Yb';YV\AiXYb']gh'g]Y'XYf dYfZY_hY'Cfh\Z'ia'X]Y'GYY'Y'XYf'GhUXh'ni'YbhXYW_Yb'''9]b GdUn]Yf[Ub['XifW\X]Y'5`hghUXh'ÒZZbYh'XUg'Hcf'ni'j]Y`Yb ZUgn]b]YfYbXYb'9f`YVb]ggYb''

6Y[]bbYb'k]f'i bgYf'5VYbhYi Yf'Ua 'I `a Yf'A ØbghYfž'XUg'Ui Z'XYf UbXYfYb'GY]hY'XYf'8cbUi ']b'I `a 'h\fcbh"'8Ug'A ØbghYf']gh'b]W\h bi f'X]Y'\ÒW\ghY'?]fW\Y'XYf'K Y`hž'gcbXYfb'Ui W\'Y]b VYY]bXfi W_YbXYg'6Y]gd]Y`'[ch]gW\Yf'5fW\]hY_hi f"'Jcb'\]Yf'Ui g _Ubb'a Ub'XYb'6`]W_'Ui Z'X]Y'5`hghUXh'[Yb]Y»Yb'i bX'X]Y'BÀ\Y'ni BYi!I `a 'Yf'YVYb"

8]Y'5`hghUXh'gY`Vgh']gh'VY_Ubbh'ZØf']\fY'a U`Yf]gWXYb'D`ÀhnY'i bX GhfU» Y"'6YgcbXYfg'XYf':]gWXYfj]YfhY`']gh'Y]b'<][\`][\hž'k c'g]WX X]Y'a U`Yf]gWXYb'<Ài gYf'Ui g'XYa '%* "'i bX'%+"'*J\f\i bXYfh'X]fY_h Ua 'K UggYf'Ybh`Ub[fY]\Yb"8]YgY'WXUfa UbhYb'; YVÀi XY j Yfa]hhY`b'Y]b'; YZØ\`'j cb'j Yf[Ub[YbYf'NY]h"'9]b'_`Y]bYf GdUn]Yf[Ub['Xi fWX'X]Y'Yb[Yb'; UggYb'ZØ\fh'ni '[Ya Øh`]WXYb'7UZÅg i bX'_Y]bYb'6ci h]ei Ybž'X]Y'ni a 'GhÒVYfb'Y]b`UXYb"

9]b'k Y]hYfYg'<][\`][\h'XYf'5`hghUXh']gh'XYf'

DYhYf!i bX!DUi `!D`Uhnžk c'a Ub'X]Y']a dcgUbhY'Gh"'DUi `'?]fWXY

VYk i bXYfb'_Ubb"'8Yf'D`Uhn'gY`Vgh']gh'Y]b'gW\ÒbYf'Cfhž'i a 'Y]bY

DUi gY'Y]bni `Y[Yb'i bX'X]Y'5ha cgd\ÀfY'XYf'GhUXh'Ui Z'g]W\k'k]f_Yb

ni '`UggYb"'<]Yf'k]fX'cZh'?i bgh'i bX'?i `hi f']b': cfa 'j cb'A Àf_hYb

i bX'5i gghY``i b[Yb'dfÀgYbh]Yfhž'k Ug'XUg'J]YfhY``bcW\'`YVYbX][Yf

a UW\h'

$<]ghcf]gWXY'6UikYf_Y'ibX'GY\YbgkØfX][_Y]hYb$

8]Y'5`hghUXh'j cb'BYi!I`a ']gh'b]W\h'bi f'Xi fW\']\f'i fVUbYg'@YVYb
[YdfÀ[hž'gcbXYfb'Ui W\'Xi fW\'nU\`fY]W\Y'\]ghcf]gW\Y
GY\Ybgk ØfX][_Y]hYb"'Ni 'XYb'VYa Yf_Ybgk YfhYghYb'; YVÀi XYb
[Y\Òfh'XUg''U`hY'F Uh\ Ui gž'Y]b'VYY]bXfi W_YbXYg'6Ui k Yf_ž'XUg']b
XYf'FYbU]ggUbW!Gh]`'YfVUi h'k i fXY"'8]Y'_i bghj c``'j Yfn]YfhYb
: UggUXYb'i bX'X]Y'Y]bXfi W_gj c``Yb': fYg_Yb'n]Y\Yb'X]Y'6`]W_Y'j cb
YXYa '6Ygi W\Yf'Ui Z'g]W\"

: Øf; YgWk]Wk hg]bhYfYgg]YfhYi]ghiUi WkiX]YiGhUX ha Ui YfiY]b
`c\bYbgk YfhYgiN]Y`"HY]`YiXYfi\]ghcf]gWkYbiA Ui Yfig]bXibcWk
Yf\U`hYbii bXi[YVYbiY]bYbi9]bV`]W_i]biX]Yia]hhY`U`hYf`]WkYb
J YfhY]X][i b[gUb`U[YbiXYfiGhUXh"i9]biGdUn]Yf[Ub[iYbh`Ub[iX]YgYf
A Ui Yfbi`AgghiY]bYbiZÒfa `]WkiX]Yi; YgWk]WkhYiVYXfAb[YbžiX]Yi]b
X]YgYbiGhY]ba Ui Yfbij YfVcf[Ybi]gh"

?i `hi fY``Y '9f`YVb]qqY i bX J YfUbqhU`hi b[Yb

a 'Gca a Yf'n]Y\h'XUg'VY`]YVhY'5`hghUXhZYgh'nU\`fY]W\Y'6Ygi W\YfUb"'JYfgW\]YXYbY'GhÀbXY'i bX'@]j Y!A i g]_'j Yfk UbXY`b'X]Y c\bY\]b'gW\cb'`YV\UZhYb'GhfU» Yb']b'Y]bY': Y]Yf"'9g']gh'X]Y dYfZY_hY'; Y`Y[Yb\Y]hž'X]Y'`c_U`Y'?i `hi f'\Ui hbU\'ni 'Yf`YVYb'i bX a]h'XYb'ZfYi bX`]W\Yb'9]bk c\bYfb']bg'; YgdfÀW\'ni '_ca a Yb"

DfU_h]gWXY'H]ddg'ZØf'XYb'6Ygi WX

K Ybb 'Xi 'X]Y '5 `hghUXh'j cb 'B Yi !I `a 'VYgi Wk.ghž'gc``hYgh'Xi 'X]f'NY]h bY\a Ybž'i a 'X]Y'j YfgWk]YXYbYb'_`Y]bYb'; YgWkÀZhY'i bX 6ci h]ei Yb'ni 'Yf_i bXYb"'8]Y 'GhUXh'\Uh'j]Y``ni 'V]YhYbž'j cb\UbX[YZYfh][hYb'Gci j Yb]fg'V]g'\]b'ni 'YI ei]g]hYb'`c_U`Yb

DfcXi _hYb"'6Ygi WXY'Ui WX'Y]bYg'XYf'_`Y]bYb'7UZÅgž'i a 'Y]bY'HUggY ?UZZYY'cXYf'Y]bY'hfUX]h]cbY``Y'gWXk ÀV]gWXY'6fYnY`'ni '[Yb]Y»Yb"

- 2 ZZYbh`]WXY'JYf_Y\fga]hhY`.'8]Y'5`hghUXh`]gh`[ih`a]h ÒZZYbh`]WXYb'JYf_Y\fga]hhY`b'YffY]WXVUf"'8]Y GhfU»YbVU\bYb'ibX'6iggY'jYfV]bXYb'BYi!I`a'YZZ]n]Ybh a]h'XYf'Ia[YVib["
- DUf_Ub`U[Yb. '=b'XYf'BÀ\Y'[]Vh'Yg'Y]b][Y'fi\][Y'DUf_gž X]Y']XYU`'g]bXž'i a 'bUW\'Y]bYa 'GhUXhVi a a Y`'ni YbhqdUbbYb"
- ?i`hifZØ\fib[Yb.'9g``c\bh'g]W\ž'Ub'Y]bYf'[YZØ\fhYbHcif'hY]`nibY\aYbž'ia'aY\f'ØVYf'X]Y';YgW\]W\hY'ibXX]Y';Y\Y]ab]ggY'XYf'GhUXh'ni'YfZU\fYb"

8]Y 5`hghUXhij cb BYi !I `a i]ghiY]bYidYfZY_hYiA]gWXi b[iUi g HfUX]h]cb ii bXia cXYfbYa i@YVYbžiX]Yigck c\`i?i fnVYgi WXYfiU`g Ui WXi@Ub[nY]hfY]gYbXYiVY[Y]ghYfh"B]a a iX]fiX]YiNY]hžiX]Y 5ha cgd\ÀfYiUi Zhi gigUi [Ybii bXiX]YiGWXÀhnYiX]YgYfi\]ghcf]gWXYb GhUXhini iYbhXYWYb"

$?i \]bUf]gWXY <][\ \][\ \ hg \ XYf \ FY[]cb$

BYi !I `a `]gh'b]W\ h'bi f'ZØf'gY]bY `a U`Yf]gW\ Y `5`hghUXh'i bX`XUg VYY]bXfi W_Y bXY`8 cbUi i ZYf'VY_Ubbhž'gcbXYfb'Ui W_Y ZØf'gY]bY j]Y`ZÀ`h][Y'i bX'UVk YW\ g`i b[gfY]W\ Y'? ØW\ Y''8]Y'FY[]cb']gh'Y]b k U\ fYg'DUfUX]Yg'ZØf': Y]bgW\ a YW_Yf'i bX'V]YhYh'Y]bY'A]gW\ i b[Ui g'hfUX]h]cbY``Yb'VUmYf]gW\ Yb'; Yf]W\ hYb'i bX']bhYfbUh]cbU`Yb @YW_YfV]ggYb'''<]Yf'g]bX'Y]b][Y'_i `]bUf]gW\ Y'<][\`][\hgž'X]Y'Xi 'VY] XY]bYa '6Ygi W\ 'b]W\ h'j YfdUggYb'gc``hYgh'

9]b 'hmd]gWk Yg'; Yf]Wk h'XYf'FY[]cb']gh'X]Y'K Y]» k i fgh"'8]YgY
nUfhYb'K ØfghY'Ui g'? U'VZY]gWk'i bX'GWk Y]bYgdYW_'k YfXYb
hfUX]h]cbY``a]h'gØ» Ya 'GYbZ'i bX'6fYnY`b'gYfj]Yfh"'9]b'6Ygi Wk']b
Y]bYa 'XYf'j]Y`Yb'hfUX]h]cbY``Yb'6]Yf[ÀfhYb'XYf'GhUXhž'k]Y'XYa '
K]fhg\Ui g'ni f'6fYn bž']gh'XYf'dYfZY_hY'Cfhž'i a 'X]YgY
VUmYf]gWkY'GdYn]U`]hÀh'ni '[Yb]Y» Yb"'9]bY'_Ø\`Y'A U» '6]Yf'fi bXYh
XUg'9f`YVb]g'UV"

: Øf @|YV\UVYf'j cb '\Yfn\UZhYb 'GdY|gYb 'V]YhYh'X]Y 'FY[]cb 'Ui W\Ui g[YnY]W\bYhY 'GW\k Y]bgVfUhYbž'X]Y 'cZh'a]h'? bÒXY `b 'i bXGUi Yf_fUi h'gYfj]Yfh'k YfXYb" '9]b 'VY`]YVhYf'Cfhž'i a 'X]YgY 8Y`]_UhYggY 'ni '_cghYbž']gh'XUg'F YghUi fUbh'Ni f'? fcbYž'k c'XUg : `Y]gW\'gc'nUfh']ghž'XUgg'Yg'ZÒfa `]W\'Ui Z'XYf'Ni b[Y'nYf[Y\h"

B]Www.hini j Yf[YggYb]ghix]Y [fc» Y 5i gk U\`Ub fY[]cbU`Yb ? ÀgYb"
\$\times XYb ii a `]Y[YbXYb 6Ui Yfba Àf_hYb _UbbghiXi Zf]gww Y DfcXi _hY
Ui g'XYf I a [YVi b[Z]bXYb" 8 Yf I `a `A Uf_Yh'V]YhYh'Y]bY
k i bXYfVUfY A O[`]Ww_Y]h\times \UbX[YZYfh][hY ? AgYgcfhYb j cb `c_U`Yb
< YfghY ``Yfb ni dfcV]YfYb" J cb a]`XYa '7 fYUa '7 \YYgY V]g'\]b ni
k Øfn][Ya '6Yf[_AgY']gh'ZØf'YXYb'; YgWwa UW_Yhk Ug'XUVY]"

8]Y'gØ» Yb'J YfZØ\fi b[Yb'XYf'FY[]cb'g]bX'YVYbZU``g
VYa Yf_Ybgk Yfh"'GW k Ufnk À`XYf'?]fgW hcfhY'i bX'
5dZY`ghfi XY``g]bX'8YggYfhgž'X]Y'Xi 'i bVYX]b[h'dfcV]YfYb'gc``hYgh"
J]Y`Y'?cbX]hcfY]Yb']b'BYi!I `a ž'k]Y'X]Y'?cbX]hcfY]'?fUb]W\ž
V]YhYb'Zf]gW\'[YVUW_YbY'JUf]UbhYb'X]YgYf'?Ògh`]W_Y]hYb'Ub"'9]b
GhØW_X]YgYf'HcfhYbž'VY[`Y]hYh'j cb'Y]bYf'HUggY'?UZZYY'Ui g'Y]bYa
`c_U`Yb'7UZÅž']gh'XYf']XYU`Y'5VgW\`i gg'Y]bYg'[Y`i b[YbYb'9ggYbg"

I a `X]Y`_i `]bUf]gWXY`J]Y`ZU`h`X]YgYf`GhUXh`f]W\h][`ni `Yf`YVYbž``c\bh Yg`g]W\ž`Ub`Y]bYa `XYf`_i `]bUf]gWXYb`GhUXhZØ\fi b[YbhY]`ni bY\a Yb"`8]YgY`Hci fYb`ZØ\fYb`X]W\b]W\h'bi f`ni `XYb`VYghYb 9ggYbgghÀbXYb`i bX`FYghUi fUbhgž`gcbXYfb`YfnÀ\`Yb`Ui W\X]Y; YgW\]W\hYb`\]bhYf`XYb; Yf]W\hYb"8i `VY_ca a gh`X]Y A Ò[`]W_Y]hžY]b][Y`XYf`VYghYb``c_U`Yb`? ÒW\Y`ni `hfYZZYb`i bX a Y\f`ØVYf`X]Y`Ni VYfY]hi b[`hfUX]h]cbY``Yf`GdY]gYb`ni ``YfbYb"

 $<]Yf'Y]b', VYfV`]W_'ØVYf'Y]b][Y'XYf'VYghYb'FYghUifUbhg'ibX'7UZÅg]b'BYi!I`a.$

FYghUi fUbh#7UZÅ 6YgcbXYf\Y]h

K]fhg\Ui gʻni fʻ6fYn b	HfUX]h]cbY``Y'VUmYf]gWXY	
	; Yf]WX hY	
FYghUi fUbh'Ni f'?fcbY	< Ui g[Ya UWX hY GWX k Y]bgVfUhYb	
?cbX]hcfY] [:] ?fUb]WX	6YfØ\a hY`HcfhYb`i bX`; YVÀW_	
I `a ʿA Uf_Yh	:f]gWXY'fY[]cbU`Y'DfcXi_hY	

8]Y'Bi hni b['`c_U`Yf'Ni hUhYb']gh'Y]b'k YgYbh`]WX Yg'A Yf_a U``XYf BYi!I `a Yf'?ØWXY"'J]Y`Y'FYghUi fUbhg'gYhnYb'Ui Z'BUWX\U`h][_Y]h i bX'V]YhYb'; Yf]WXhY'Ubž'X]Y'Ui g'gU]gcbU`Yb'i bX'fY[]cbU`Yb Ni hUhYb'ni VYfY]hYh'k YfXYb"'8]Yg'j Yf`Y]\h'XYb'GdY]gYb'b]WXh'bi f Zf]gWXYb'; YgWXa UW_ž'gcbXYfb'i bhYfghØhnh'Ui WX'X]Y'Y]b\Y]a]gWXY @UbXk]fhgWXUZh"

K Ybb Xi 'Y]b: Ub'j cb']bhYfbUh]cbU`Yb'? ØWXYb'V]ghž'Z]bXYgh'Xi ']b
BYi!I `a 'Ui WX 'nU\`fY]WXY'Yh\b]gWXY'F YghUi fUb hgž'X]Y'; Yf]WXhY
Ui g'U``Yf'K Y`h'UbV]YhYb"'Jcb']hU`]Yb]gWXYf'DUghU'i bX']bX]gWXYf
7i ffm'V]g'ni 'Ug]Uh]gWXYb'GdYn]U`]hÀhYb']gh'X]Y'5i gk U\``Ub
]bhYfbUh]cbU`Yb'; YbØggYb'Ybcfa "'GWXUi 'X]f'XUg'F YghUi fUb h
HUbXccf]'ZØf']bX]gWXY'GdY]gYb'cXYf'XUg'@U'HfUhhcf]U'ZØf
g]n]`]Ub]gWXY'? ØWXY'Ub' 'VY]XY'g]bX'VY[Y\fhY'N]Y`Y'i bhYf
9]b\Y]a]gWXYb'i bX'Hci f]ghYb'[`Y]WXYfa U»Yb"

GWX`]Y»`]WX`V]YhYh'BYi!I`a 'Ui WX`Y]bY`V`Ø\YbXY`K Y]bgnYbY"'8]Y K Y]b[ØhYf`XYf`bU\Y[Y`Y[YbYb`FY[]cb`K ØfhhYa VYf['dfcXi n]YfYb Y]b][Y`VYY]bXfi W_YbXY`K Y]bYž`X]Y`]b`@c_U`Yb`i bX`FYghUi fUbhg gYfj]Yfh`k YfXYb"'6Y]`Y]bYa '6Ygi WX`]b`Y]bYa 'XYf`K Y]b`c_U`Yž`k]Y XYa 'K Y]b\Ui g`A Ø``Yfž`\Ugh`Xi 'X]Y`A Ò[`]WX_Y]hž`Y]b][Y`XYf VYghYb`fY[]cbU`Yb`K Y]bY`ni 'dfcV]YfYb`i bX`a Y\f`ØVYf`X]Y K Y]bdfcXi _h]cb`]b`XYf`FY[]cb`ni 'YfZU\fYb"

5``Yg`]b`U``Ya``V]YhYhBYi!I``a``Y]bY`fY]W\Y`ibX
UVkYW\g`ib[gfY]W\Y`_i``]bUf]gW\Y`@UbXgW\UZhžX]Y`XUfUiZ`kUfhYhž
YbhXYW_h'ni``kYfXYb"'9[U`ž'cV`Xi``UiZ'XYf`GiW\Y`bUW\
hfUX]h]cbY``Yb`;Yf]W\hYbž'gØ»Yb`@YW_YfY]Yb`cXYf`]bhYfbUh]cbU`Yb
? Ògh`]W_Y]hYb`V]ghž'X]Y`GhUXh`\Uh`ZØf`YXYb`;YgW\aUW_'YhkUg`ni
V]YhYb"`@Ugg`XY]bYb`;UiaYb`UiZFY]gYb`[Y\Yb`ibX`YbhXYW_Y`X]Y
[Ughfcbca]gW\Yb`GW\ÀhnY`jcb`BYi!I``a

: Ugn]bUh]cb BUhi f Ua 8cbUi i ZYf

8]Y'8cbUi ž'X]Y'g]W\'a U'YghÀh]gW\'Xi fW\'XUg'VUmYf]gW\Y'BYi !I `a gW\`Àb[Y`hž'V]YhYh'b]W\h'bi f'Y]bY'k i bXYfgW\ÒbY'?i `]ggYž'gcbXYfbUi W\'Y]bY'J]Y`nU\`'j cb': fY]nY]ha Ò[`]W_Y]hYb']ba]hhYb'XYf'BUhi f"9bh`Ub['XYf'I ZYfdfca YbUXY'YfghfYW_Yb'g]W\'[fØbY'DUf_Ub`U[Ybž

FUX! i bX'K UbXYfk Y[Yž'X]Y'ni 'gdUbbYbXYb'9bhXYW_i b[YbY]b`UXYb"'<]Yf'g]bX'Y]b][Y'XYf'<][\`][\hgž'X]Y'X]Y': Ugn]bUh]cb'XYfBUhi f'Ua'8cbUi i ZYf'Ui ga UWXYb"

8]Y'I ZYfdfca YbUXY'YfghfYW_h'g]W\'ØVYf'a Y\fYfY'?]`ca YhYf'i bX]gh']XYU``ZØf'Y]bYb'YbhgdUbbhYb'GdUn]Yf[Ub[cXYf'Y]bY
: U\ffUXhci f"'8i fW\'X]Y'ghÀbX][Y'BÀ\Y'ni a 'K UggYf'YbhghY\h'Y]bY
VYfi \][YbXY'5ha cgd\ÀfYž'X]Y'j]Y`Y'6Ygi W\Yf'Ubn]Y\h''8]Y
Dfca YbUXY']gh'VYgcbXYfg']a ': fØ\`]b['i bX'Gca a Yf'Y]b'VY']YVhYf
HfYZZdi b_h'ZØf'9]b\Y]a]gW\Y'i bX'Hci f]ghYbž'X]Y'g]W\'Ua ': `i gg
YbhgdUbbYb'a ÒW\hYb"

: Øf B Uhi f! i b X 'J c [Y `VY c V U W h Y f `Y f Ò ZZb Y h `X] Y '8 c b U i 'n U \ `f Y] W Y A Õ [`] W _Y] h Y b " '9 b h `Ub ['X Y g ': `i gg Y g '[] V h Y g 'j Y f g W] Y X Y b Y b `w Y V Y b g f À i a Y ž '] b 'X Y b Y b 'n U \ `f Y] W Y 'J c [Y `Uf h Y b 'V f Ø h Y b 'i b X `Y V Y b '' A Ub W A U ` _Ub b 'a Ub 'g c [Uf 'X Y b 'a U Y g h À h] g W Y b 'H i fa ZU ` _Y 'c X Y f j Y f g W] Y X Y b Y '9 b h Y b Uf h Y b 'V Y c V U W h Y b " '8] Y 'V Y g h Y b 'N Y] h Y b 'ZØ f Y] b Y 9 I _ i f g] c b 'g] b X 'X Y f 'Z f Ø \ Y 'A c f [Y b 'c X Y f 'X] Y '8 À a a Y f i b [ž 'k Y b b 'X] Y H] Y f Y 'V Y g c b X Y f g 'U _ h] j 'g] b X "

8]YI ZYf`UbXgW\UZhIV]YhYhIUi W\IY]bYIJ]Y`ZU`hIUbIdZUbn`]W\Yb5fhYb"IJcbI ZYfVÒgW\ib[YbIV]gini '5i Yb[]VhIYginU\`fY]W\Y
DZUbnYbini 'YbhXYW_Ybžij cbIXYbYbIY]b][YigY`hYbY'5fhYbik]YIXYf\
GW\k]a\a\YbXY\K\UggYf\]bgY\cXYf\X]Y\;\Y\VY\HY]W\\fcgY\g]bX"
9]bYI\6chUb]gW\Y\:\Ø\fi\b[\fi]b\IXYfI\a\[YVi\b[\fi]ghY]bYI[\fc\Ufh][Y\\A\O[\fi]\]b\IXYfI\a\[YVi\b[\fi]ghY]bYI[\fc\Ufh][Y\\A\O[\fi]\]b\IY\BUh\Øf\]W\Y\:\cfU\I\bX\:\Ui\bU\J\cb\BYi!I\a\\IV\YggYf_YbbYbni\YfbYb\"

9]b'k Y]hYfYg'<][\`][\h']gh'XYf'K UggYfk UbXYfk Y[ž'XYf?U'U_ZU\fYfb'i bX'?Ubi ZU\fYfb'Yfa Ò[`]W\hž'X]Y'8cbUi 'Ui g'Y]bYfUbXYfYb'DYfgdY_h]j Y'ni 'YfZU\fYb"'<]Yf'_ÒbbYb'5VYbhYi fYf'X]Yfi\][Yb'; Yk ÀggYf'XYf'8cbUi '[Yb]Y»Yb'i bX'XUVY]'X]YUhYa VYfUi VYbXY'@UbXgW\UZh'XYf'I a [YVi b['[Yb]Y»Yb"'9g'[]VhnU\`fY]W\Y'JYfa]Yhi b[gghUh]cbYb'Ybh`Ub['XYg': `i ggYgž'X]Y5i qf@qhi b['i bX'[YZØ\fhY'Hci fYb'UbV]YhYb"

: Øf F U X Z U \ f Y f ' V] Y h Y h ' X] Y ' F Y [] c b ' i a 'B Y i ! I `a ' j] Y ` Z À ` h] [Y F U X k Y [Y ž ' X] Y ' c Z h ' X] f Y _ h ' U a ' : ` i gg ' j Y f ` U i Z Y b " ' 8] Y ' 8 c b U i !

FUXfci hY 'n]Y\h'g]W\ 'Xi fW\ 'X]Y [YgUa hY 'FY[]cb 'i bX 'ZØ\fh'Xi fW\ a U`Yf]gW\Y '8 OfZYfž'K Y]bVYf[Y 'i bX 'K]YgYb" '9]bY 'FUXhci f'Ybh`Ub[XYf'8 cbUi ']gh'b]W\ h'bi f'gdcfh`]W\ ž'gcbXYfb 'Ui W\ 'Y]bY 'k i bXYfVUfY ; Y`Y[Yb\Y]hž'X]Y 'VYY]bXfi W_YbXYb @UbXgW\UZhYb'i bX'XYb 7\Ufa Y'XYf'FY[]cb 'ni 'Yf_i bXYb"

5_h]j]hÀh	6YgWkfY]Vib[6YbÒh][hY
		5i gfØghi b[
GdUn]YfYb	; Yb]Y»Yb'G]Y'X]Y	6Yei Ya Y [*] GWXi \Y
	IZYf`UbXgW\UZh'XYf	
	8cbUi"	
F UXZU\fYb	9fZcfgWXYb^G]Y^X]Y	: U\ffUXž' <y`a< td=""></y`a<>
	FUXkY[Y'Ybh`Ub[
	XYf [.] 8cbUi"	
? Ubi #? U^U_ ZU\fYb	9f`YVYb'G]Y'X]Y	? Ubi #? U^U_ž DUXXY`ž
	8 cbUi 'j ca 'K UggYf	GWk]a a k YghY
	Ui g"	
Jc[Y`VYcVUW\hi b[6YcVUW\hYb^G]Y	:Yfbfc\fž~?UaYfU
	Y]b\Y]a]gW\Y	
	Jc[Y`UfhYb"	

 $\begin{tabular}{ll} K Yf'g]W `ZØf'Y]b'k Yb][`a Y\f'5_h]j]hÅh']bhYfYgg]Yfhž'_Ubb'Ub \\ [YZØ\fhYb'K $UbXYfi b[Yb'hY]`bY\a Ybž'X]Y'fY[Y`a Å»][`Ybh`Ub[XYf'8 cbUi 'ghUhhZ]bXYb'''<]Yf'_ObbYb'<math>\pm$ bhYfYgg]YfhY'X]Y': `cfU'i bX : Ui bU'XYf'FY[]cb'h]YZ[fØbX][Yf'_YbbYb`YfbYb'i bX'[`Y]W\nY]h][]bhYfYggUbhY' \pm bZcfa Uh]cbYb'ØVYf'X]Y'; YgW\]W\hY'i bX'A mh\c`c[]Y XYf'8 cbUi 'Yf\U`hYb''

5i » YfXYa ``AXh`X]Y`fi \][Y`I a [YVi b['ni `Y]bYa 'D]W_b]W_`Y]b"\8]Y j]Y`Yb'_`Y]bYb'; fØbZAWXYb'i bX'6Ab_Y`Ybh`Ub['XYg'I ZYfg'g]bX dYfZY_hž'i a 'g]WX`bUWX`Y]bYf'U_h]j Yb'9f_i bXi b['ni 'YbhgdUbbYb i bX'X]Y`BUhi f'ni '[Yb]Y» Yb"'DUW_Yb'G]Y`Y]b'V]ggWXYb'9ggYb'Y]b i bX'[Yb]Y» Yb'G]Y`X]Y`Fi \Y`a]h'6`]W_'Ui Z'XUg'[`]hnYfbXY`K UggYf XYf'8cbUi"

Ni a '5VgW\`i gg'gY]'Yfk À\bhž'XUgg'BYi !I `a 'Ui W\'Y]bYb \Yfj cffU[YbXYb'Ni [Ub['ni f'GhUXh'I `a 'Ui Z'XYf'UbXYfYb'GY]hY'XYf 8cbUi 'V]YhYh"'9]b'GdUn]Yf[Ub['ØVYf'X]Y'8cbUi !6fØW_Y j YfV]bXYh'VY]XY'GhÀXhY'i bX'Yfa Ò[`]W\h'Yg'6Ygi W\Yfbž'X]Y'BUhi f VY]XYf'GY]hYb'ni 'Yf`YVYb'i bX'X]Y'GW\Òb\Y]h'XYf'8cbUi 'Ui g j YfgW\]YXYbYb'DYfgdY_h]j Yb'ni '[Yb]Y»Yb"

 $C\ V'G]Y'Y]b'B\ Uhi\ f`]YV\setminus UVYf'g]bX'cXYf'Y]bZUWX'bi\ f'X]Y'a\ U`Yf]gWXY\\ @UbXgWXUZh'[Yb]Y*Yb'a OWXhYbž'X]Y'8cbUiiZYf']b'BYi!I`a 'V]YhYbZØf'YXYb'; YgWXa\ UW_'XUg'dUggYbXY'9f`YVb]g'''JYf[YggYb'G]Y'b]WXh\ \alpha fY'? Ua\ YfUž'XYbb'X]Y'Y]bn][Ufh][Yb'A ca\ YbhY']b'XYf'BUhi\ f\ k\ YfXYb'G]Y'k\ c\``ZØf']a\ a\ Yf']b'9f]bbYfi\ b[`VY\U`hYb''$

AigYYbibXi?i`hifUb[YVchYi]biBYi!l`a

BYi!I`a žY]bY'GhUXh'fY]W\'Ub'_i`hi fY``Yb'GW\ÀhnYb'i bX
\]ghcf]gW\Yf'6YXYi hi b[ž'V]YhYh'Y]bY'J]Y`nU\`'j cb'AigYYb'i bX
_i`hi fY``Yb'JYfUbghU`hi b[Ybž'X]Y'gck c\`'9]b\Y]a]gW\Y'U`g'Ui W\
Hci f]ghYb'VY[Y]ghYfb"'CV'?i bgh`]YV\UVYfž
; YgW\]W\hg]bhYfYgg]YfhY'cXYf'Y]bZUW\'bi f'BYi []Yf][Y''\]Yf'[]Vh
Yg'ZØf'YXYb'Yhk Ug'ni 'YbhXYW_Yb"

9]b VYXYi hYbXYg <][\`][\h']gh'XUg'GhUXha i gYi a 'BYi!I `a žXUg g]WX ']b 'Y]bYa '\]ghcf]gWXYb'; YVÀi XY']a '< YfnYb XYf'GhUXh VYZ]bXYh" 8]YgYg'A i gYi a 'k]Xa Yh'g]WX 'XYf'; YgWX]WXhY'BYi!I `a g i bX'XYg'I a `UbXg" <]Yf'_ÒbbYb '6Ygi WXYf'X]Y '9bhk]W_`i b['XYf GhUXh'j cb 'XYf'; fØbXi b['V]g'ni f'a cXYfbYb 'NY]h'bUWXj c``n]Y\Yb" 9]bY 'VYgcbXYfY'5hhfU_h]cb ']gh'X]Y i a ZUb[fY]WXY'GUa a `i b[\]ghcf]gWXYf'5fhYZU_hYžX]Y '@YVYbgk Y]gY 'XYf'A YbgWXYb']b j Yf[Ub[YbYb'\$U\f\i bXYfhYb'j YfUbgWXUi `]WX h"

9]b`k Y]hYfYg``c\bYbgk YfhYg`N]Y``]gh`XUg`: i [[Yf!i bX! @]bXYbVØ\`!A i gYi a "'8]YgYg`_`Y]bYž'ZY]bY`A i gYi a ']gh`XYf ; YgW\]W\hY`XYf`VY_UbbhYb`5i [gVi f[Yf`: Ua]`]Y`: i [[Yf'[Yk]Xa Yh i bX`VY`Yi W\hYh`XYfYb`9]bZi gg`Ui Z`X]Y`FY[]cb"'8]Y`5i gghY``i b[Yb V]YhYb`gdUbbYbXY`9]bV`]W_Y`]b`X]Y`K]fhgW\UZhž`Dc`]h]_`i bX`?i `hi f XYg`%*"`\$J\f\i bXYfhg"

: Øf'?i bgh]bhYfYgg]YfhY']gh'X]Y'?i bghgUa a `i b['XYg
@UbXfUhgUa hg'BYi!I `a 'XYf']XYU`Y'Cfh"'<]Yf'_ÒbbYb
nY]h[YbÒgg]gW\Y'K Yf_Y'fY[]cbU`Yf'?Øbgh`Yf'VYk i bXYfh'k YfXYb"</pre>

8]Y'GUa a `i b['k]fX'fY[Y`a À»]['U_hi U`]g]Yfh'i bX'V]YhYh'Y]b UVk YWkg`i b[gfY]WkYg'Dfc[fUa a 'j cb'?i bghUi gghY``i b[Ybž'X]Y'cZh a]h'JYfb]ggU[Yb'i bX'_i `hi fY``Yb'9j Ybhg'j YfVi bXYb'g]bX"

B]Wkhini 'j Yf[YggYb']gh'XUg'@]Wk hgd]Y`\Ui g'BYi!I `a ž'XUg'a]h
gY]bYa 'WkUfa UbhYb'5a V]YbhY'i bX'Y]bYf'5i gk U\`'Ub

♣bXYdYbXYbh!:]`a Yb'i bX'VYgcbXYfYb'J YfUbghU`hi b[Yb'XUg
:]`a \Yfn'\Ò\Yf'gWk`U[Yb'`Àggh"'<]Yf'Z]bXYb'b]Wkh'bi f
:]`a j cfZØ\fi b[Yb'ghUhhž'gcbXYfb'Ui Wk'gdUbbYbXY
H\Ya YbUVYbXYž'X]Y'XUg'_i `hi fY``Y'@YVYb']b'BYi!I `a 'VYfY]WkYfb"

9]bY'VYgcbXYfY'JYfUbghU'hi b[\check{z} 'X]Y' \check{A} \f`]W\'X]Y'?i `hi f`UbXgW\UZhBYi!I `a g'dfÀ[hž']gh'X]Y'?i `hi fk c W\ Y"' \pm b'X]YgYf'NY]h'ÒZZbYb nU\`fY]W\Y'`c_U`Y'?Øbgh`Yf']\fY'5hY`]Yfg'i bX'dfÀgYbh]YfYb']\fY K Yf_Y'XYf'^2 ZZYbh`]W_Y]h'''?cbnYfhYž'@Ygi b[Yb'i bX'K cf_g\cdg Yf[AbnYb'XUg'j]Y'ZÀ`h][Y'Dfc[fUa a "'9g']gh'Y]bY'\Yfj cffU[YbXY ; Y`Y[Yb\Y]hž'XUg'_fYUh]j Y'DchYbn]U`'XYf'GhUXh'\Ui hbU\'ni Yf`YVYb"

JYfUbghU`hi b[8 Uhi a	Cfh
?i`hifkcWXY	À\f`]W\]a 'A U]	J YfgWX]YXYbY
		@cWUh]cbg^]b^BYi!
		l `a
BYi!I`a Yf	%" [·] 5Xj Ybh [·] V]g	GhUXhd`Uhn'BYi!I`a
KY]\bUW\hga Uf_h	< Y]`][UV Y b X	
GhUXhZYgh BYi!l `a	%"`K cWXYbYbXY`]a	∍bbYbghUXh¨BYi!l`a
	GYdhYa VYf	

: Øf`X]Y`Aig]_!`ibX`H\YUhYf`]YV\UVYf`]gh`XUg`H\YUhYf`BYi!I`a Y]b`UVgc`ihYg`Aigg"`<]Yf`Z]bXYb`fY[Y`aÀ»][`5iZZØ\fib[Yb`ghUhhž jcb`_`Ugg]gW\Yb`GhØW_Yb`V]g`\]b`ni`acXYfbYb H\YUhYfdfcXi_h]cbYb"`8Ug`UVkYW\g`ib[gfY]W\Y`Dfc[fUaa`gcf[hXUZØfž`XUgg`ZØf`YXYb;YgW\aUW_YhkUg`XUVY]`]qh"

8]Y'J]Y`ZU`h'Ub'AigYYb'ibX'_i`hifY``Yb'5b[YVchYb']b'BYi!l`a a UW\h'X]Y'GhUXh'ni'Y]bYa'k U\f\UZh][Yb'?i`hifn]Y`"'CV'VY]a 6Ygi W\'Y]bYg'AigYiagžY]bYa'H\YUhYfUVYbX'cXYf'XYfHY]`bU\aY'Ub'Y]bYf'_i`hifY``Yb'JYfUbghU`hib[''BYi!l`a'\Uh'gcj]Y``ni'V]YhYbž'XUgg'YXYf'6Ygi W\'Y]bn][Ufh]['k]fX"

5_h]j Y: fY]nY]h[YghU`hi b[i bX Gdcfha Ò[`]WX_Y]hYb

 $B\ Yi\ !I\ `a\ `V]Y\ hY\ hY\]b\ Y\ VfY]hY\ DU\ Y\ hhY\ Ub\ `A\ \grave{O}[\ `]WX_Y]hY\ b\ ZØf\ U_h]j\ Y \\ :\ fY]nY]h[\ Y\ ghU\ hi\ b\ [\ 'i\ b\ X\ Gd\ cfh''\ C\ V\ Xi\ Y]b\ :\ Ub\ 'j\ cb\ 'HY\ Ua\ gd\ cfhUfhY\ b\ V]gh'c\ XYf\ 'Y\ ghY\ h'\ U``Y]b\ Y\ 'Y\ ghY\ b\ 'Y\ GhUX\ h'\ Uh\ ZØf\ YXYb\ Yhk\ Ug\ ni\ 'V]Y\ hY\ b''\ <\]Yf\ g]b\ X\ Y\]b][\ Y\ XYf\ VY\ ghY\ b\ 'C\ d\ h]c\ bY\ b\ ZX]Y \\ Xi\ 'k\ \grave{A}\ fYb\ X\ XY]b\ Yg\ Gf\ W\ g\ Ui\ gd\ fc\ V]YfYb\ 'gc\ ``hY\ gh.$

- FUXZU\fYb 'Ybh`Ub['XYf'8cbUi . '8]Y 'FUXk Y[Y 'Ybh`Ub[XYf'8cbUi 'g]bX']XYU` 'ZØf'FUXhci fYb" '8]Y 'GhfYW_Y ']gh'[i h Ui g[YVUi h'i bX'V]YhYh'ZUbhUgh]gWXY '5i gV`]W_Y"
- K UbXYfb']a 'I a `UbX.'8]Y'i a `]Y[YbXYb'; YV]YhYž'k]Y X]Y'gWk ÀV]gWkY'5`Vž'g]bX'Y]b'HfUi a 'ZØf'K UbXYfYf'' NU\`fY]WkY'K UbXYfkY[Y'g]bX'[i h'a Uf_]Yfh'i bX'V]YhYb j YfgWk]YXYbY'GWkk]Yf][_Y]hg[fUXY''
- Gdcfhj YfY]bY. "BYi!I `a '\Uh'Y]bY'J]Y`nU\`"jcb
 Gdcfhj YfY]bYbž'X]Y'5_h]j]hÀhYb"]b"j YfgWX]YXYbYb
 8]qn]d`]bYb'UbV]YhYbž'k]Y": i » VU``ž'Jc``YmVU``'cXYf'HYbb]q"
- K UggYfgdcfh. 'A]h'XYf'8cbUi 'X]fY_h'j cf'XYf'HØf'_Ubbgh Xi '5_h]j]hÀhYb'k]Y'? U'U_ZU\fYbž'GhUbX!I d!DUXX`]b['cXYf gc[Uf'K]bXgi fZYb'Ui gdfcV]YfYb"

. . FUXZU\fYb^]b^BYi!l `a

8 Ug'F UXZU\fYb']b'BYi!I `a ']gh'b]W\h'bi f'[Ygi bXž'gcbXYfb'Ui W\Y]bY'[fc» Ufh][Y'A Ò[`]W_Y]hž'X]Y'GhUXh'i bX']\fY'I a [YVi b['ni Yf_i bXYb"'9g'[]Vh'nU\`fY]W\Y'F UXj Yf'Y]\ghUh]cbYbž'X]Y'X]f ei U`]hUh]j '\cW\k Yfh][Y': U\ffÀXYf'ni f'J YfZØ[i b['ghY``Yb'_ObbYb" 6YgcbXYfg'VY`]YVh']gh'X]Y'GhfYW_Y'Ybh`Ub['XYf'8cbUi ž'X]Y'g]W\

Xi fWX 'a U`Yf]gWXY'@UbXgWXUZhYb'gWX`Àb[Y`h"'<]Yf'g]bX'Y]b][Y'XYf Ya dZc\`YbYb'FUXfci hYb.

FcihY	@Àb[Y	$GWk]Yf][_Y]h$	6YgcbXYf\Y]hY
			b
8cbUi!FUXkY[%&\$`_a	A]hhY`	GWX Òb Y
			5 i gV`]W <u>_</u> Y'Ui Z
			X]Y [.] 8cbUi
BYi!l`a bUW	%\$ `_a	@Y]WX h	⇒XYU`ZØf
l `a			: Ua]`]Yb
la`UbX!Hcif	(\$ ·_a	A]hhY`	9]bXfØW <u>Y</u> XYf
			gWkkÀV]gWkYb
			@UbXgW\UZh

. . . 'K UbXYfb']b'XYf'l a [YVi b[

: Øf·K UbXYfZfYi bXY·V]YhYh'BYi !I `a `Y]bY·\Yfj cffU[YbXY 5i g[Ub[gVUg]g":8]Y'bU\Y[Y`Y[YbY'gWk ÀV]gWk Y'5`V'`cW_h'a]h UhYa VYfUi VYbXYb'DUbcfUa Yb'i bX'[i h'Ui g[YgWk]`XYfhYb K UbXYfk Y[Yb"'9]b][Y'XYf'VY`]YVhYghYb'K UbXYfk Y[Y'ZØ\fYb'ni \]ghcf]gWkYb'6i f[Yb'cXYf'ni 'Y]bn][Ufh][Yb'BUhi fd\Àbca YbYb" DUW_'X]f'Y]b'D]W_b]W_'Y]b'i bX'[Yb]Y»Y'X]Y'Fi \Y'i bX'GWk Ob\Y]h XYf'BUhi f°

- K UbXYfk Y['ni f'6i f['< c\Ybnc``Yfb.'9]bY'XYf
 VY_UbbhYghYb'6i f[Yb'8Yi hgW\`UbXg'a]h'Y]bYf
 VYY]bXfi W_YbXYb'5i gg]W\h"
- GcbbYbk]YgYbc`j Yb. '9]b'YbhgdUbbhYf'FibXk Y['XifW\X]Y'V`Ø\YbXYb'K]YgYb'ibX'K À`XYf"
- <]Yf]WX gk U`Xk Y[. '9]b'_i fnYfž'UVYf'UbgdfYWXYbXYf'K Y[]XYU`'ZØf': Ua]`]Yb'a]h'?]bXYfb"

. . . 'K UggYfgdcfh'i bX'5_h]j]hÀhYb'Ua 'K UggYf

8]Y '8 cbUi ']gh'XYf'dYfZY_hY'C fh'ZØf'K UggYfgdcfhVY[Y]ghYfhY"'8i _Ubbgh'\]Yf'b]W\h'bi f'6cch'ZU\fYbž'gcbXYfb'Ui W\'a cXYfbY GdcfhUfhYb'k]Y'? U'U_ZU\fYb'i bX'GhUbX!I d!DUXX`]b[Ui gdfcV]YfYb": Øf'5bZ\hb[Yf'[]Vh'Yg'?i fgYž'X]Y']a 'Gca a Yf'\\hi Z][Ub[YVchYb'k YfXYb"'9]bY'_Y]bY'<YfUi gZcfXYfi b['g]bX'X]Y GhfÒa i b[Yb'']XYU`'ZØf'YfZU\fYbYfY'K UggYfgdcfh'Yfž'X]Y'bUWX XYa '5XfYbU`]b_]W_'gi WXYb''

. . . 'Gdcfhj YfY]bY'i bX'5b[YVchY

 $\begin{tabular}{ll} K Ybb`Xi `a Y\f`]a `HYUa `hfU]b]YfYb`a `OW\hYghž`Z]bXYgh`Xi `]b`BYi! \\ I `a `nU\`fY]W\Y`Gdcfhj YfY]bYž`X]Y`Y]b`VfY]hYg`GdY_hfi a `Ub \\ 5_h]j]hÀhYb`UbV]YhYb"`Jcb`_`Ugg]gW\Yb`HYUa gdcfhUfhYb`k]Y : i <math>\begin{tabular}{ll} VU```i bX`6Ug_YhVU```V]g`ni `]bX]j]Xi Y``Yb`GdcfhUfhYb`k]Y`HYbb]g \\ cXYf`6UXa]bhcb``\]Yf`\Uh`YXYf`X]Y`A `O[``]W_Y]hž`gY]bY \\ gdcfh`]W\Yb`: À\][_Y]hYb`k Y]hYfni Ybhk]W_Y`b" \\ \end{tabular}$

 $9]b][Y'XYf'VY_UbbhYghYb'Gdcfhj YfY]bY']b'BYi!I`a'g]bX.$

- HGJ 'B Yi !I `a . '6Y_Ubbh'ZØf'gY]bY'\Yfj cffU[YbXYb
 : i » VU``!'i bX'< UbXVU``a UbbgW\UZhYb"
- I `a 'i bX'BYi!I `a '6Ug_YhVU``.'Gd]Y`Y'UiZ'\c\Ya B]j YUi ž'X]Y'X]Y'5b\Àb[Yf']b']\fYb'6Ubb'n]Y\Yb"
- HYbb]g!7`i V`BYi!I `a . '6]YhYh'HfU]b]b['i bX
 K YhhVYk YfVY'ZØf''YXYg'5`hYf'i bX''YXY'Gd]Y`ghÀf_Y"

J YfUbghU`hi b[Yb'i bX': YghYž'X]Y'a Ub'b]W\h j YfdUggYb'gc``hY

 $BYi !I `a `V]YhYhY]bY`J]Y`nU\``j cb`J YfUbghU`hi b[Yb`i bX`: YghYbžX]Y`XUg`[UbnY`&U\f'ØVYf`nU\`fY]W\Y`6Ygi W\Yf`Ubn]Y\Yb"`8]YgY 9j Ybhg`g]bX`b]W\h'bi f`Y]bY`hc``Y`; Y`Y[Yb\Y]hž`X]Y``c_U`Y`?i `hi fi bX`HfUX]h]cbYb`_YbbYbni `YfbYbž`gcbXYfb`Ui W\`Y]bY`dYfZY_hY A <math>O[`]WX_Y]hž`X]Y`\Yfn`]WXY`; UghZfYi bXgW\UZh`XYf`6Yk c\bYf`ni Yf`YVYb"`<]Yf`g]bX`Y]b][Y`<][\`][\hgž`X]Y`Xi `Ui Z`_Y]bYb`: U``$

BYi!l `a Yf'Jc`_gZYgh

8 UgʻB Yi !I `a YfʻJ c`_gZYghʻ]ghʻY]bʻA`\f`]WXYgʻ9j Ybhž'XUgʻ]bʻXYf
FY[Y``]a ˈgdÀhYbʻGca a YfʻghUhhZ]bXYhʻi bXʻHUi gYbXYʻj cb
A YbgWXYbʻUbn]Y\h"A]hʻ_`Ugg]gWXYbʻ: U\f[YgWXÀZhYbž'Y]bYa
[fc»Ybʻ6]Yf[UfhYbʻi bXʻhfUX]h]cbY``Ybʻ_i `]bUf]gWXYbʻ? Ògh`]WX_Y]hYb
]ghʻYgʻXYfʻdYfZY_hYʻCfhžʻi a ˈa]hʻ: fYi bXYbʻi bXʻ: Ua]`]Yʻni ʻZY]Yfb"
BYVYbʻXYbʻj]Y`Ybʻ5hhfU_h]cbYbʻ[]VhʻYgʻUi WX'nU\`fY]WXYʻGhÀbXYŽ
X]Yʻ\UbX[YZYfh][hYʻDfcXi_hYʻUbV]YhYbž'k UgʻYgʻni ʻY]bYaʻhc``Yb

Gca a YfZYgh]a '; `UW]g DUf_

=a ; `UW]g`DUf_'Z]bXYh`YXYg` \pm U\f`Y]b`gca a Yf`]W\Yg`: Ygh`ghUhhž`XUg ZØf`X]Y`[YgUa hY`: Ua]`]Y`[YXUW\h`]gh" <]Yf`Yfk UfhYb`X]W\.

- @j Y!A i g]_
- ?Øbgh`Yf]gWXY 8UfV]Yhi b[Yb
- Gd]Y`Y'ZØf'?]bXYf
- @YW_YfY`9ggYbghÀbXY

8 UgʻGca a YfZYghʻ]ghʻY]bYʻ[fc» Ufh][YʻA Ò[`]W_Y]hžʻXYb gcbbYbfY]W\YbʻHU[ʻ]aʻ:fY]Ybʻniʻ[Yb]Y» Ybʻi bXʻX]Yʻ`c_U`Y; Ya Y]bgW\UZhʻniʻYf`YVYb"

K Y]\bUW\hga Uf_hBYi!l`a

K Ybb'X]Y'HU[Y'_ØfnYf'i bX'X]Y'BÀW\hY'_À`hYf'k YfXYbž'j Yfk UbXY`h g]W\BYi !I `a ']b'Y]b'ZYgh`]W\Yg'K]bhYfk i bXYf`UbX"'8Yf'
K Y]\bUW\hga Uf_h']gh'Y]b'UVgc`i hYg'A i gg'k À\fYbX'XYf
5Xj YbhgnY]h"'8Yf'A Uf_h'V]YhYh

- 6YnUi VYfbXY'@]W\hYf'i bX'ZYgh`]W\Y'8Y_cfUh]cbYb
- $J Y^ZA^h[Y?ibgh\UbXkYf_gghAbXY]$
- 8 Ua dZYbXYb; `Ø\kY]bïibXfY[]cbU`YGdYn]U`]hÀhYb

 $9g`]gh`XYf`]XYU`Y`Cfhž`ia `; YgWXYb_Y`ni `_Ui ZYbž`XUg k Y]\bUWXh`]WXY`: `U]f`ni `[Yb]Y<math>`$ Yb`i bX`g]WX`a]h`: fYi bXYb`ni hfYZZYb"

?i`hifZYgh`]a GhUXh\Uig

9]b'<][\`][\h`]a 'JYfUbghU`hi b[g_U`YbXYf']gh'XUg'?i `hi fZYgh']a GhUXh\Ui gž'XUg'j YfgW\]YXYbY'_i `hi fY``Y'5gdY_hY'XYf'GhUXh'ZY]Yfh'' <]Yf'_Ubbgh'Xi .

- ?Øbgh`Yf`Ui g`XYf`FY[]cb`_YbbYb`YfbYb
- ?i `hi fY``Y'K cf_g\cdg'VYgi W\Yb
- GdUbbXY'JcfhfÀ[Y'ibX'8]g_igg]cbYb'\ÒfYb

8 Ugʻ?i`hi fZYghʻ]ghʻY]bʻk]W\h][YfʻHfYZZdib_hʻZØfʻ?ibgh`]YV\UVYf ibX`V]YhYhʻY]bY`D`UhhZcfa 'ZØf' fYUh]jY'? ÒdZYž`]\fʻHU`Ybh'ni 'nY][Yb"

FY[]cbU`Yg`K Y]bZYgh

 $: \emptyset f `K Y]b`]YV \setminus UVYf`]gh`XUg`FY[]cbU`Y`KY]bZYgh`]b`BYi!I`a `Y]bUVgc`ihYg`<][\setminus`][\setminus h'' <]Yf` \setminus Ugh`Xi `X]Y`A Õ[`]WX_Y]hž`X]Y`VYghYbKY]bY`XYf`FY[]cb`ni `dfcV]YfYb`ibX`aY\f`ØVYf`X]YKY]bdfcXi_h]cb`ni ``YfbYb'' `8 Ug`: Ygh`V]YhYh$

- KY]bjYf_cghib[Yb
- $\bullet \ \ \, \text{K cf_g\cdg`@VYf`K Y]b`ibX`?i`]bUf]_\\$
- @]j Y!A i g]_'i bX'l bhYf\U`hi b[

9g']gh'Y]bY'\Yfj cffU[YbXY'; Y`Y[Yb\Y]hž'fY[]cbU`Y'DfcXi nYbhYb ni 'i bhYfghØhnYb'i bX'XYb'Y][YbYb'; Ui a Yb'ni 'j Yfk Ò\bYb"

BYi!l `a Yf GhUXhZYgh

8 UgʻBYi!I `a YfʻGhUXhZYghʻ]ghʻY]bʻk Y]hYfYgʻ[fc»Ygʻ9j Ybhž'XUg U``Yʻnk Y]ʻIJ\fYʻghUhhZ]bXYh''8]YgYgʻ: Yghʻj Yfk UbXY`hʻX]Yʻ�bYbghUXh]bʻY]bYʻVi bhYʻ: Y]Yfʻa]h

• 'GhfU» Yb_Øbgh`Yfb

- '?i `]bUf]gWXYb 'GdYn]U`]hÀhYb 'Ui g'U``Yf'K Y`h
- 'A Uf_hghÀbXYb'a]h'`c_U`Yb'< UbXk Yf_Yfb

8 UgʻGhUXhZYghʻV]YhYhʻb]W\hʻbi fʻY]bʻUVk YW\g`i b[gfY]W\Yg Dfc[fUa a žʻgcbXYfbʻZÒfXYfhʻUi W\`XUg Ni gUa a Yb[Y\Òf][_Y]hg[YZØ\`]bbYf\U`V`XYfʻ; Ya Y]bXY"

Gdcfhj YfUbghU`hi b[Yb

BYi!I`a `]gh`Ui W\`ZØf`Gdcfh`]YV\UVYf`UhhfU_h]j "`<]Yf`Z]bXYbfY[Y`a À»][`j YfgW\]YXYbY`Gdcfhj YfUbghU`hi b[Yb`ghUhhž'XUfi bhYf.

JYfUbghU`hi b[8 Uhi a	Cfh
GhUXh`Ui Z	5df]`	GhUXhnYbhfi a
FUXfYbbYb	[´ k	8 c b Ui i ZY f
A UfUh\cb	GYdhYa VYf	BYi!l`a

 $8] YgY`J YfUbghU`hi b[Yb`n]Y \Yb`GdcfhVY[Y]ghYfhY`i bX`Ni gWXUi Yf[Y]WX Yfa U» Yb`Ub`i bX`V]YhYb`Y]b`hc``Yg`; Ya Y]bgWX UZhg[YZØ\`"$

BYi!I `a `\Uh'ZØf`YXYb`Yhk Ugʻni `V]YhYb"`CV`hfUX]h]cbY``Y`: YghYž _i `hi fY``Y'J YfUbghU`hi b[Yb`cXYf`a cXYfbY': Ygh]j U`g` `\]Yf`Z]bXYh a Ub`nU\`fY]WXY'A Ò[`]WX_Y]hYbž'X]Y'GhUXhii bX`]\fY`6Yk c\bYf`ni ZY]Yfb"'J YfdUggY'b]WXh'X]Y'; Y`Y[Yb\Y]hž'HY]``X]YgYf`Vi bhYb`i bX`YVYbX][Yb'; Ya Y]bqWXUZh`ni `k YfXYb°

8 Y hU]`g

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z 'Y]bY!fY]gY "XY