

FUh]cd\Ufa I `a 'ghUfhYh'cdh]a]gh]gWX ']b X]Y J cfVYfY]hi b[Yb 'ZØf X]Y 'GU]gcb '&(#&)

FUh]cd\Ufa 'I `a 'ghUfhYh'a]h'bYi Ya 'HfU]bYf'Hm'< UffY`gcb']b X]Y'GU]gcbj cfVYfY]hi b['&(#&) "'9fghYf'HfU]b]b[ghU['Ua CfUb[Y7Ua di g"

8]Y'6Ug_YhVU``a UbbgW\UZh'j cb'FUh]cd\Ufa'`I `a '\Uh']b'XYf
j Yf[Ub[YbYb'K cW\Y'X]Y'JcfVYfY]hi b[Yb'ZØf'X]Y'bYi Y'GU]gcb
&(#\&) 'VY[cbbYb'''8UVY]'Yf`YVhYb'X]Y'Gd]Y`Yf'Y]bYb'gdUbbYbXYb
YfghYb'HfU]b]b[ghU['i bhYf']\fYa 'bYi Yb'HfU]bYf'Hm'<UffY`gcb'''8Yf
GhUfhgW\i gg'ZØf'X]Y'GU]gcb'Z]Y``bUW\'Y]bYa 'YfghYb'HfYZZYbž'XUg
a YX]n]b]gW\Y'I bhYfgi W\i b[Yb'i bX'Y]bYb'a YX]Ybk]f_gUa Yb'HU[
i a ZUgghY''

A]h'Y]bYf'j c``Yb'A UbbgW\UZh'j cb'%) 'Gd]Y`Yfb'VYhfUhYb'X]Y'I `a Yf 6Ug_YhVU``Yf'XYb'A U]b!7ci fh'XYg'CfUb[Y7Ua di g"'BUW\'Y]bYf]bgd]f]YfYbXYb'5bgdfUW\Y'j cb'HfU]bYf'<UffY`gcbžXYf cdh]a]gh]gW\Y'HÒbY'UbgW\`i [ž'k i fXYb'YfghY'HfU]b]b[gY]b\Y]hYb nØ[][']b'5b[f]ZZ'[Ybca a Yb"' 9g']gh'gY\f'gW\Òbž'U``Y'Gd]Y`Yf'ni a 5i ZhU_h'VY]gUa a Yb'ni '\UVYb"'9g'k Uf'[`Y]W\'Ua 'YfghYb'HU[[fc»Ufh]['ni 'gY\Ybž'k]Y'[i h'i bgYf'?'i V'cf[Ub]g]Yfh']gh ž'Ài »YfhY XYf'('!À\f][Y"'9f'nY][hY'g]W\'YfZfYi h'ØVYf'XYb'YfghYb HfU]b]b[ghU['i bX'VYhcbhY'X]Y'6YXYi hi b['X]YgYf'GW\f]hhY'ZØf'XYb VYj cfghY\YbXYb'GU]gcbghUfh'

BYi ni [Àb[Y i bX HYUa W Ya]Y

9]b 'VYgcbXYfYg'5i [Yba Yf_'[U`h'XYb'bYi Yb'Gd]Y`Yfb']a 'HYUa ž U``Yb'j cfUb'5`Zcbgc'D`i a a Yf"'8Yf'BYi ni [Ub['Ài »YfhY'g]W\\ VY[Y]ghYfh'ØVYf'X]Y'9bYf[]Yž'X]Y']\b']b'l `a 'Yfk UfhYh' \Rightarrow W\`\UVYgW\cb'gY\f'j]Y`'6YY]bXfi \\\\\\\\YbXYg'\ØVYf'X]Y'9bYf[]Y'XYf': Ubg

[Y\Ofh' ']W\']YVY'gc`W\Y'5ha cgd\AfYb'i bX'_Ubb'XYb <Y]a gd]Y`Ui ZhU_h'_Ui a 'Yfk UfhYb" '8]YgY'5i ZVfi W\ggh]a a i b[']a HYUa '_ObbhY'Y]b'k]W\h][Yf': U_hcf'ZØf'XYb'9fZc`[']b'XYf VYj cfghY\YbXYb'GU]gcb'gY]b"

9]b'k Y]hYfYf'bYi Yf'Gd]Y`Yfž'A 1/2fW]c'GUbhcgž']gh'VYfY]hg'j Yfg]Yfh']a
I a [Ub['a]h'XYb'; Y[YVYb\Y]hYb'j cf'Cfhž'XU'Yf'j cb'ZfØ\YfYb
HYUa_c``Y[Yb'j]Y`'ØVYf'XYb'VYgcbXYfYb'7\Ufa Y'XYg
CfUb[Y7Ua di g'YfZU\fYb'\Uh'' MU[c'i bX'6fi bc'\UVYb'a]f'Y]bY
A Yb[Y'ØVYf'X]YgYb'Y]bn][Ufh][Yb'GhUbXcfh'a]h'gY\f'j]Y`
ZUa]`]ÀfYa': `U]f'i bX'[fc» Ya'Ni gUa a Yb\U`h'YfnÀ\`h'''=\W'ZfYi Ya]W\ž'XUg'U``Yg'_YbbYbni `YfbYb ž'nY][hY'g]W\XXYf'6fUg]`]UbYf
Ui Z[YgW\`cggYb'i bX'a ch]j]Yfhž'X]Y'I `a Yf'6Ug_YhVU``!HfUX]h]cb
k Y]hYfni ZØ\fYb"

8]Y'A UbbgW UZh'k]fX'Ua '&, "'GYdhYa VYf']a '\Y]a]gW Yb CfUb[Y7Ua di g'[Y[Yb'X]Y':]h#CbY'K ØfnVi f['6Ug_Yhg'Yfgha U`g']b XYf'bYi Yb'GU]gcb'Ui Z'XYa 'DUf_Yhh'ghY\Yb"8]YgYg'Gd]Y`'k]fX b]W h'bi f'ZØf'X]Y'Gd]Y`Yf'j cb'6YXYi hi b['gY]bž'gcbXYfb'j Yfgdf]W h Ui W 'ZØf'X]Y': Ubg'Y]b'Ui ZfY[YbXYg'9f`YVb]g'ni 'k YfXYb"

8Yf'K Yfh'XYf'dfcZYgg]cbY``Yb'JcfVYfY]hi b[

8]Y J cfVYfY]hi b['Ui Z'X]Y 'GU]gcb 'ghY ``h'Y]bYb 'YbhgWX Y]XYbXYb : U_hcf 'ZØf 'XYb 'gdÀhYfYb '9fZc`['XUf" '8]Y 'gd]Y `Yf]gWXY :]hbYggž HYUa XmbUa]_ i bX 'X]Y '\DhY[fUh]cb 'bYi Yf 'Gd]Y `Yf ']b 'X]Y VYghY\YbXY 'A UbbgWX UZh 'g]bX '\]YfVY] 'j cb '[fc > Yf '6YXYi hi b["HfU]bYf' < UffY `gcbž 'XYf 'X]Y 'J YfUbhk cfhi b['ZØf 'X]Y 'gdcfh`]WX Y @Y]hi b['ØVYfbca a Yb '\Uhž 'VYhcbhž 'XUgg '[i hY 'Cf[Ub]gUh]cb 'i bX HYUa UfVY]hYggYbn]Y ``` g]bX" '8]Y 'Gd]Y `Yf \UVYb ']b 'i bgYfYa YfghYb 'HfU]b]b['[i h'[YUfVY]hYhž 'XYa YbhgdfYWXYbX 'V`]W_Yb 'k]f cdh]a]gh]gWX 'Ui Z'X]Y 'bÀWX ghYb 'K cWXYb 'V]g 'ni a 'GU]gcbghUfh ž gU[hY 'Yf 'i bX 'i bhYfa Ui YfhY 'gY]bY 'Ni j Yfg]WX hž 'XUgg 'XUg 'HYUa ']b XYb '_ca a YbXYb 'K cWXYb 'YZZY_h]j 'ni qUa a YbUfVY]hYb'_Ubb"

A]h'Y]bYa 'ghfi _hi f]YfhYb'JcfVYfY]hi b[gd`Ub'i bX'Y]bYf'dcg]h]j Yb HYUa Uha cgd\ÀfY'g]bX'X]Y'YfghYb'GW\f]hhY']b'XYf'bYi Yb'GU]gcb j]Y`j YfgdfYW\YbX"'8Ug'9b[U[Ya Ybh'XYg'HfU]bYfg'i bX'X]Y A ch]j Uh]cb XYf Gd]Y Yf Yf YuggYb \cZZYb z XUgg F Uh]cd \ Ufa 'I `a gck c \ `'gdcfh`]W 'U`g Ui W ']b 'XYf Ni gUa a YbgYhni b['XYg HYUa g [i h'Ui Z[YghY ``h']gh"

8]Y'I `a Yf'6Ug_YhVU``ZUbg'XØfZYb'g]W\'U`gc'Ui Z'Y]bY
j]Y`j YfgdfYW\YbXY'GU]gcb'ZfYi Ybž'X]Y'a]h'Y]bYa 'XmbUa]gW\Yb
5i ZhU_hgd]Y`'VY[]bbh'i bX'X]Y'A Ò[`]W_Y]h'VYfY]h\À`hž'X]Y
]bX]j]Xi Y``Y'i bX'_c``Y_h]j Y'9bhk]W_`i b['XYg'HYUa g'\Ui hbU\'ni
j YfZc`[Yb"

 $8]Y \cdot 6 Ug_Y hVU``! 6 i bXYg`][Už']b \cdot XYf'F Uh]cd \setminus Ufa 'I `a 'Ubhf]hhž'[]`h'U`g Y]bY \cdot XYf'ghÀf_ghYb'@][Yb']b '9 i fcdU''' <]ghcf]gW '\ Uh'X]Y'@][U'b]W\ h b i f'bUh]cbU`Y'HU`YbhY'[YZÒfXYfhž'gcbXYfb'Ui W\']bhYfbUh]cbU`Y'GhUfg'Ub[Ync[Yb'''+\name XYb'`YhnhYb'+\name \name \name$

JcfVYfY]hi b[Yb'Ui ZY]bY'bYi Y'GU]gcb'g]bX'ZØf'A UbbgW\UZhYbYbhgW\Y]XYbXž'i a 'HYUa XmbUa]_'i bX'HU_h]_Yb'ni 'Ybhk]W_Y'b" K À\fYbX'XYf'HfU]b]b[g`U[Yf'k]fX'Ub'j YfgW\]YXYbYb'5gdY_hYb [YUfVY]hYhž'i bhYf'UbXYfYa 'Ub':]hbYggž'Gd]Y`ghfUhY[]Yb'i bX'XYf 7\Ya]Y']bbYf\U`V'XYg'HYUag"'FUh]cd\Ufa 'I `a'\Uh']b'X]YgYa \\J\f'i bhYf'bYi Ya'HfU]bYf'Hm'<UffY`gcb'Y]bY'Zf]gW\Y'DYfgdY_h]j Y [Yk cbbYbž'k Ug'dchYbn]Y```k Y]hfY]W\YbXY'5i gk]f_i b[Yb'Ui Z'X]Y _ca a YbXYb'Gd]Y`Y'\UVYb'_ObbhY"

Fc``YXYfJcfVYfY]hi b[ggd]Y`Y

JcfVYfY]hi b[ggd]Y`Y'gd]Y`Yb'Y]bY'k YgYbh`]W\Y'Fc``Y']b'XYf
GU]gcbj cfVYfY]hi b[žXU'g]Y'XYa 'HYUa 'Yfa Ò[`]W\Ybž'X]Y'k À\fYbX
XYg'HfU]b]b[g'Yf`YfbhYb'HU_h]_Yb']b'Y]bYa 'hUhgÀW\`]W\Yb
Gd]Y`i a ZY`X'ni 'YfdfcVYb"'8]YgY'Gd]Y`Y'V]YhYb'Ui W\'X]Y
A Ò[`]W_Y]hž'k]W\h][Yf'HYgh'ZØf'bYi Y'Gd]Y`Yf'k]Y'5`Zcbgc'D`i a a Yf
i bX'A ½fW]c'GUbhcg'ni 'gY]bž'i a 'g]W\'gW\bY```]b'XUg'HYUa 'ni

]bhY[f]YfYb"Ni XYa '_ObbYb'HfU]bYf'k]Y'<UffY`gcb'X]YgY; Y`Y[Yb\Y]hYb'bi hnYbži a ']\fY'GhfUhY[]Yb'Ubni dUggYb'i bX'ni j YfZY]bYfb"

@YhnhY'GU]gcb'VY`Y[hY'FUh]cd\Ufa'I `a ']b'XYf'HUVY``Y'XYb')"
D`Uhnžk Ug'Y]bY'VYUW\h`]W\Y'@Y]ghi b['XUfghY``h"'Gc`W\Y
D`Uhn]Yfi b[Yb'g]bX'b]W\h'bi f'VYXYi hYbX'ZØf'X]Y'X]fY_hY
Ei U`]Z]_Uh]cb'ZØf'X]Y'D`UmcZZgž'gcbXYfb'Yf\Ò\Yb'Ui W\XX]Y
5hhfU_h]j]hÀh'ZØf'hU`Ybh]YfhY'Gd]Y`Yfž'X]Y'XYb'JYfY]b'j YfghÀf_Yb
a ÒW\hYb"'8]Y'N]Y`gYhni b[Yb'ZØf'X]Y'_ca a YbXY'GU]gcb'_ObbhYb
b]W\h'bi f'XYb'K]YXYfUi Zgh]Y[']b'X]Y'D`UmcZZg'VY]b\U`hYbž'gcbXYfb
Ui W\XXYb'6`]W_'Ui Z'X]Y'HY]`bU\a Y'Ub'Yi fcdÀ]gW\Yb
K YhhVYk YfVYb"

5_hi Y``Y`HYUa XmbUa]_'i bX Gd]Y`YfYbhk]W_`i b[Yb

A]h'XYa 'Ni ni ['j cb'Gd]Y`Yfb'k]Y'D'i a a Yf'i bX'GUbhcg'k]fX'X]Y
HYUa XmbUa]_'k Y]hYf'VYfY]W\Yfh" 8]YgY'BYi ni [Àb[Y'Vf]b[Yb
j YfgW\]YXYbY'Gd]Y`gh]`Y'i bX'9fZU\fi b[Yb'a]hž'X]Y'XUg
; YgUa hgd]Y``XYg'HYUa g'j YfVYggYfb'_ObbYb"'D`i a a Yfž'XYf']b'XYf
j Yf[Ub[YbYb'GU]gcb']b'XYf'B755'ZØf'gY]bY'HfYZZg]W\Yf\Y]h
VY_Ubbh'k Ufž'_ObbhY'Y]bY'k]W\h][Y'Fc``Y']b'XYf'CZZYbg]j Y'XYg
HYUa g'Y]bbY\a Yb"'GUbhcg'Vf]b[h'\]b[Y[Yb']bhYfbUh]cbU`Y
9fZU\fi b['Ui g'6fUg]`]Yb'a]hž'k Ug'XYb'I `a Yf'6Ug_YhVU``Yfb'\Y`ZYb
_ObbhYž'g]W\']b'Y]bYa ']bhYfbUh]cbU`Yb'?cbhYI h'VYggYf'ni
dfÀqYbh]YfYb"

8 UfØVYf`\]bUi g`]gh'X]Y`HYUa W\Ya]Y`j cb`nYbhfU`Yf`6YXYi hi b[`ZØf XYb`9fZc`["'8]Y`J YfhfUi h\Y]hii bhYf`XYb`Gd]Y`Yfb`i bX`X]Y
6Yn]Y\i b[Ybž'X]Y`]a `HfU]b]b[`i bX`]b`XYb`Gd]Y`Yb`Ui Z[YVUi h k YfXYbž'_ÒbbYb`YbhgW\Y]XYbX`XUZØf`gY]bž'k]Y`[i h`XUg`HYUa k À\fYbX`XYf``Ub[Yb`GU]gcb`ni gUa a YbUfVY]hYh"`9]b
\Ufa cb]gW\Yg`A]hY]bUbXYf`]gh'cZh`XYf`GW\`ØggY``ni a `¸VYfk]bXYb j cb`<YfUi gZcfXYfi b[Ybž'X]Y`k À\fYbX`Y]bYf`GU]gcb`Ui ZhfYhYb _ObbYb"

I `a `\Uh'g]W\`ni XYa `]b`XYf`6Ug_YhVU``!7ca a i b]hm`U`g`Y]bY

Cf[Ub]gUh]cb'YhUV`]Yfhž'X]Y'Ui Z'X]Y'9bhk]W_`i b['^i b[Yf'HU`YbhYgYhnh"'JYfgW\]YXYbY'Dfc[fUa a Y'i bX'DUfhbYfgW\UZhYb'\Y`ZYbžBUW\ki W\ggd]Y`Yf'ni 'ZÒfXYfb'i bX'g]Y'Ub'XYb'DfcZ]gdcfh\YfUbni ZØ\fYb"'8]YgY'9b[U[Ya Ybh'g]W\Yfh'b]W\h'bi f'XYb'9fZc`[XYg'JYfY]bgž'gcbXYfb'i bhYfghØmh'Ui W\'XUg'K UW\ghi a 'XYg6Ug_YhVU``qdcfhq']b'XYf'FY[]cb"

8 YhU]`g

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