

%'!À\f][Yf'jYf`Àggh'?`]b]_'ZØf'D]nnU.'9]b i bYfk UfhYhYg'5VYbhYi Yf°

9]b'%' ! λ \f][Yf'j Yf` λ ggh'c\bY'9f`Ui Vb]g'XUg'?fUb_Yb\Ui g']b 5bgVUW 'i bX'VYghY``h'Y]b'HUI]'ni f'D]nnYf]U"'Dc`]nY]'Vf]b[h']\b ni fØW "



9gWXYf]WXghfU»Yž'-%) && '5 bgVUWXž'8Yi hgWX`UbX'!'K Ug'ZØf
Y]bY'VYa Yf_Ybgk YfhY'; YgWX]WXhY'Ui g'5 bgVUWX *'5a '8]YbghU[ž
XYb'%\$"'*j*b]ž\UhY]b'%'!'À\f][Yf'*j*b[Yc\bY'Àfnh`]WXY
; YbY\a][i b['XUg'?`]b]_i a ']b'XYf'9gWXYf]WXghfU»Y'j Yf`UggYb"
 VYf'X]Y'[YbUi Yb'; fØbXY'[]Vh'Yg'XYfnY]h'bi f'GdY_i `Uh]cbYbž
k cVY]'XYf'; Ygi bX\Y]hgni ghUbX'XYg'*j b[Yb'U`g'ghUV]`'i bX'c\bY
U_i hY'; YZU\f'VYgWXf]YVYb'k i fXY"'BUWX'5b[UVYb'XYf'Dc`]nY]'k Uf
Yg'ni bAWXgh'i b_`Ufž'k c'g]WX'XYf'*j [YbX`]WXY'VYZUbXž'i bX'Ui WX
gY]bY'A i hhYf'\UhhY'_Y]bY'*bZcfa Uh]cbYb'ØVYf'gY]bYb
5i ZYbh\U`hgcfh''

8]Y'Gi W\Y'bUW\'XYa'; `Y]W\U`hf][Yb'kifXY'gW\`]Y \Rightarrow `]W\'nia'; `Ø_Yf`Y]W\hYfhz'U`g'X]YgYf'[Y[Yb'BUW\a]hhU['gY]bY'AihhYf'hY`YZcb]gW\

$8]YFØW__Y\f']bg'?`]b]_i a$

BUWXXYa 'X]Y'Dc`]nY]'ØVYf'XUg'JYfgWXk]bXYb'XYg'¾ b[Yb]bZcfa]Yfh'k cfXYb'k Ufž'a UWXhY'g]WX'Y]bY'GhfY]ZY'Ui Z'XYb'K Y['ni fD]nnYf]Už'i a 'XYb'¾ b[Yb'ni fØW_']bg'?`]b]_i a 'ni 'Vf]b[Yb''=a?fUb_Yb\Ui g'ZUbX'UbgWX`]Y»YbX'Y]b'Yfn]Y\Yf]gWXYg'; YgdfÀWXnk]gWXYb'XYa '¾ b[Yb'i bX'gY]bYf'A i hhYf'ghUhhž'ØVYf'XYggYb♣\U`hY''YXcWX'_Y]bY'k Y]hYfYb' &Zcfa Uh]cbYb'VY_Ubbh'g]bX''AYX]YbVYf]WXhYb'ni Zc`[Y']gh'XUg'JYf\U'hYb'XYg'¾ b[Yb'ZØfj]Y`YbUWXjc``n]Y\VUf.'J]Y`Y'?]bXYf'i bX'¾ [YbX']WXYž'X]Y'Ui Z[fi bX'j cbdgmWX]gWXYb'9f_fUb_i b[Yb'i bX'JYf\U`hYbgghÒfi b[Yb']bghUh]cbÀfYf'6Y\UbX`i b['g]bXž'bY][Yb'XUni ž'K Y[Y'ni 'Z]bXYbž'i aUi g']\fYa '5``hU['Ui gni VfYWXYb''

 $GhUh]gh]_Yb `nY][Yb \check{z} XUgg `]a `&U f `&\$ \&\% `dgmW .]gW Y `9f_fUb_i b[Yb i bX `J Yf \ U`hYbgghOfi b[Yb `X]Y `\ Ai Z][ghY `I fgUW Y `ZØf `ghUh]cbAfY 6Y \ UbX`i b[Yb `VY] `?]bXYfb `i bX `$ [YbX`]WW Yb `k UfYb "`F i bX , %"$$$ `j cb `Yhk U `(&+ "* $$?]bXYf `i bX `$ [YbX`]WW Yb `]b `X]YgYa 5`hYfgVYfY]WW `k i fXYb `k Y[Yb `gc `WW Yf `9f_fUb_i b[Yb `VY \ UbXY`hž k]Y `X]Y `GhUh]gh]_ `XYf `8 YghUh]g `Ui ZnY][h" `8 Ug `VYXYi hYhž `XUgg YXYf `ZØbZhY `?`]b]_Ui ZYbh\U`h `Ui Z'dgmW .]gW Y `DfcV`Ya Y ni fØW_ni ZØ \fYb `]gh'i bX `XYf `5bhY]` `]b `XYb ``YhnhYb `nY \ b `&U \fYb ghYh][`Ub[Ygh]Y[Yb `]gh'i$

Ni fØW_ni a '1 b[Yb'D]nnU!@]YV\UVYf. CV'gY]b'6Ygi W\']b'XYf D]nnYf]U'Y]b'Y]ba U`][Yg'5VYbhYi Yf'k Uf'cXYf'cV'Yg'ZØf']\b'Y]b NY]W\Yb'k Ufž'XUgg'Yf'Y]bY'Gh]a a Y']b'gY]bYf'6Y\UbX`i b['ZcfXYfhž V`Y]Vh'UVni k UfhYb'': Ygh'ghY\h'YXcW\ž'XUgg'X]YgY'; YgW\]W\hY g]W\Yf`]W\'ZØf'Y]b][Y'8]g_i gg]cbYb'ØVYf'XYb'I a [Ub['a]h dgmW\]gW\'Yf_fUb_hYb' \Rightarrow [YbX`]W\Yb'gcf[Yb'k]fX''

8 Y hU]`g	
Cfh	9gWX Yf]WX ghfU» Yž'- %) && '5 bgV UWX ž
	8 Yi hgWX`Ub X
Ei Y``Yb	• k k k "UbgVUW d`i g"XY
	• k k k "hU[&("XY
	• k k k "XYghUh]g"XY

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. 'bU[!VUmYfb "XY