

VYfZU```]a 'GWX `cggdUf_.'Dc`]nY]'gi WX h NYi [Yb'bUWX 'Vfi hU`Yf'5hhUW_Y

?f]a]bU`dc`]nY]`DZcfn\Y]a 'gi W\h`NYi [Yb`bUW\`F Ui VØVYfZU``]a 'GW\`cggdUf_"'<]bk Y]gY`V]hhY`i bhYf`\$+&' %#%, *!((((a Y`XYb"

; Yk U`h']a 'GWX `cggdUf_.'9]b', VYf[f]ZZ'gcf[h ZØf'6Ygcf[b]g']b'XYf'DZcfn\Y]a Yf 6Yj Ò`_Yfi b[

DZcfn\Y]a 'fbhgŁ

K Ug [YgW λ U λ]a GW λ cggdUf_3

5a 'gdÀhYb'GUa ghU[UVYbX'_Ua 'Yg']a 'GW\`cggdUf_'ni 'Y]bYa
[Yk U`hhÀh][Yb'JcfZU``ž'VY]'XYa 'Y]b'')!'À\f][Yf'A Ubb'j cb'Y]bYf
; fi ddY'Ub[Y[f]ZZYb'k i fXY"'K À\fYbX'Yf'Ui Z'Y]bYf'6Ub_'gU» ž
k i fXY'Yf'i bj Yfa]hhY`h'j cb'ZØbZ'DYfgcbYb'i a f]b[hž'X]Y']\b
UbgW\`i [Yb'i bX'gW\`]Y»`]W\'Ui W\'VYghU\`Yb"

8 YhU]`gʻni a '¸ VYf[f]ZZ

8]Y'G]hi Uh]cb'Yg_U`]YfhY'gW\bY``ž'U`g'Y]b'I bVY_UbbhYf'Ui g'XYf; fi ddY'a Y\fYfY'GW\`À[Y']bg'; Yg]W\h'Ui ghY]`hY"'8Yf'A Ubb'Z]Y`gW\`]Y»`]W\'ni '6cXYb'i bX'j Yf`cf'_i fnnY]h]['XUg'6Yk i gghgY]b"'5`g Yf'k]YXYf'ni 'g]W\'_Ua ž'ghY``hY'Yf'ZYghž'XUgg'gY]bY'dYfgÒb`]W\Yb K Yfh[Y[YbghÀbXY'[Yghc\`Yb'k cfXYb'k UfYbž'k À\fYbX'X]Y 5b[fY]ZYf'[YZØW\hYh'k UfYb"

6YgWkfY]Vib[XYfHAhYf

5i Zfi Z'Ub 'X]Y '6Yj Ò`_Yfi b[

8]Y'Dc`]nY]'V]hhYh'X]Y'6Øf[Yfž'X]Y'a Ò[`]W\Yfk Y]gY'NYi [Yb'XYg JcfZU``g'k i fXYb'cXYf'<]bk Y]gY'[YVYb'_ÒbbYbž'g]W\hY`YZcb]gW\ni a Y`XYb"'8Yf'?f]a]bU`XUi YfX]Ybgh']gh'i bhYf'XYf'Bi a a Yf \$+&' %#%, *!((('YffY]W\VUf"'<]bk Y]gY'_ÒbbhYb'YbhgW\Y]XYbX gY]bž'i a 'X]Y'HÀhYf'ni ']XYbh]Z]n]YfYb'i bX'k Y]hYfY'; Yk U`hhUhYb'ni j Yf\]bXYfb"

8]Y 6YXYi hi b[XYf HUh ZØf X]Y ; Ya Y]bgW UZh

JcfZÀ``Y`k]Y`X]YgYf`kYfZYb`Y]b`@]W\h`UiZY]b`kUW\gYbXYg`DfcV`YaXYf`; YkU`h`]b`ghÀXh]gW\Yb`DUf_g`ibX`CfhYbž`X]Y`hfUX]h]cbY```U`gg]W\Yf`[Y`hYb"`8]Y`Dc`]nY]`VYhcbhž`XUgg`X]Y`G]W\Yf\Y]h`XYf`6Øf[YfUb`YfghYf`GhY``Y`ghY\h`ibX`gc`W\Y`,VYf[f]ZZY`Yfbgh`[YbcaaYbkYfXYbžia`XUg';YaY]bgW\UZhg[YZØ\``XYf`GhUXhVYkc\bYf`nighÀf_Yb"`8]Y`AYbgW\Yb`g]bX`UiZ[YfiZYbž`kUW\gUa`ni`gY]b`ibXg]W\`[Y[YbgY]h][`ni`ibhYfghØhnYbž`ia`X]Y`ÒZZYbh`]W\Y`G]W\Yf\Y]hni`[YkÀ\f`Y]ghYb"

: Un]h

8]YgYf'JcfZU```]a 'GW\`cggdUf_']gh'b]W\h'bi f'Y]b'9]bnY`ZU``ž'gcbXYfb k]fZh'k]W\h][Y': fU[Yb'ni f'G]W\Yf\Y]h']b'DZcfn\Y]a 'Ui Z"'8]Y'Dc`]nY] UddY``]Yfh'Ub'X]Y'; Ya Y]bgW\UZhž'[Ya Y]bgUa '[Y[Yb'; Yk U`h'i bX?f]a]bU`]hÀh'j cfni [Y\Yb"'8Ug'9b[U[Ya Ybh'i bX'X]Y'K UW\gUa _Y]h XYf'6Øf[Yf'g]bX'YbhgW\Y]XYbXž'i a 'gc`W\Y'HUhYb'ni 'j Yf\]bXYfb i bX'Y]b'g]W\YfYg'I a ZY`X'ZØf'U``Y'ni 'gW\UZZYb"

8 Y hU]`c

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