## 

I G'J ]f[ ]b'=g`UbXgž'7Uf]VVYUb'!'H\Y'I G'J ]f[ ]b'=g`UbXgž'U ghi bb]b[ 'UfWk]dY`U[ c'bYgh`YX']b'h\Y'7Uf]VVYUbž']g'f]X]b[ '\][ \ 'cbU'k Uj Y'cZ'dcdi `Uf]hm'h\]g'mYUf"'K ]h\'Ub']a dfYgg]j Y'`]bYi d'cZ Uk UfXg'UbX'U'g][ b]Z]WUbh'gi f[ Y']b'j ]g]hcfg'cb'h\Y'Vcc\_g'Zcf'&\$&) ž h\Y'hYff]hcfm']g'WYa Ybh]b[ ']hg'ghUhi g'Ug'U'a i gh!j ]g]h'XYgh]bUh]cb Zcf'hfUj Y`Yfg'`cc\_]b[ 'Zcf'gi bž'gYUž'UbX'U'XUg\'cZ'W'`hi fY''

 $5 \text{WWc} fX]b[\text{hc} \text{H} Y \text{A}] ffc} fz \text{h} Y \text{J}g \text{Ub} Xg \text{J}u Y \text{J}u Y \text{I}u fb Y f Y X \text{A} i \text{h}]d \text{Y} UWWc} \text{UX}Ygz \text{J}u Wi X]b[\text{MUW} h]b[\text{8} Ygh]b Uh]c b \text{c} Z \text{h} Y \text{MY} Uf \text{Ub} X \text{9} j Y b h 8 Ygh]b Uh]c b \text{c} Z \text{h} Y \text{MY} Uf \text{Z}fca \text{7} Uf]V Y \text{Ub} \text{x} i \text{fb} U \text{"Gh"} \text{7} fc]l \text{V}ug V Y \text{Ub} \text{ff} Y \text{Wc}[\text{b}]n Y X \text{Ug} \text{h} Y \text{7} \text{Uf}]V Y \text{Ub} \text{7} i \text{h} b \text{Ufm} 8 \text{Ygh}b \text{Uh}]c b \text{c} Z \text{h} Y \text{MY} Uf \text{Z} k \text{V} j \text{Y} \text{V} Y \text{Ub} \text{V} j \text{h} h cc_ \text{A} Y \text{h} Y \text{h} h Y \text{h} h Y \text{c} Z \text{V} h Y \text{V} Y \text{Ub} \text{V} h \text{J} h Y \text{C} Z \text{V} h Y \text{MY} Uf \text{Z} g \text{C} k \text{WUg} b [\text{h} Y \text{J}g \text{Ub} \text{X}g \text{f}] W \text{W} \text{h} b \text{Ufm} g \text{W} b Y \text{W} Y \text{U} h Y \text{MY} Uf \text{Z} g \text{C} k \text{WUg} h Y \text{U} h Y \text{MY} Uf \text{Z} g \text{C} k \text{WUg} h Y \text{MY} Uf \text{Z} g \text{C} k \text{WUg} h Y \text{Ub} Y \text{Ub} X g \text{MY} \text{J} h \text{U} h Y \text{MY} Uf \text{Z} g \text{C} k \text{WUg} h Y \text{U} h Y \text{MY} Uf \text{Z} g \text{V} h Y \text{MY} Uf \text{Z} g \text{C} k \text{WUg} h Y \text{U} h Y \text{U} h Y \text{MY} Uf \text{Z} g \text{V} h Y \text{MY} Uf \text{$ 

6i h']h g'bch'' gh'Uk UfXg'h\Uh'UfY'di hh]b['h\Y'I G'J]f[]b'=g`UbXg'cb h\Y'a Ud"'H\Y']g`UbXg'UfY'YI dYWh]b['U'fYa Uf\_UV`Y']bZi I 'cZ'bYUf`m %") 'a ]``]cb'Wfi ]gY'g\]d'dUggYb[Yfg']b'&\$&) ž'a Uf\_]b['U'(I]bWfYUgY'Zfca 'h\Y'dfYj]ci g'mYUf"'K]h\'WfmghU`'WYUf'k UhYfgž YI ei ]g]hY'gUbXm'VYUW\Ygž'UbX'U'd`Yh\cfU'cZ'UWh]j ]h]Yg'fUb[]b[Zfca 'k UhYf'gdcfhg'hc'YI\]`UfUh]b['b][\h`]ZYž']h g'bc'gi fdf]gY'h\Uh

 $6 \operatorname{ccghY} X 5 f^{T} Zh Ub X 9 Wcbca W; fck h$ 

5g'XYhU]`YX`Vm'H\Y`J]f[]b`=g`UbXg`7cbgcfh]i a ž'h\Y`I "G"J]f[]b=g`UbXg`\Ug'gYYb'g][b]Z]WUbh'[fck h\']b`Vch\'U]f'UbX'gYU'Uff]j U`g h\]g'mYUf"'H\Y'8YdUfha Ybh'cZ'Hci f]ga g'7ca a ]gg]cbYfž'ægYd\6cgWi `hYž'gi [[Yghg'h\Uh'h\]g'Vccgh']g'U'fYZYWh]cb'cZ'h\Y']g`UbXgUddYU``UbX'h\Y'Wc``UVcfUh]j Y'YZZcfhg'cZ'`cWU``ghU\_Y\c`XYfg"'BYkXU]`m'bcbghcd'Z][\hg'Zfca '8U``Ug'hc'Gh"'H\ca Ug'UfY'dfcj]X]b[YjYb'[fYUhYf'UWWggž'k]h\'UXX]h]cbU``fci hYg'Zfca '7\]WU[c'UbX6cghcb'YIdYWhYX'g\cfh`m"

H\Y`ZYj Yf`Zcf`h\Y`]g`UbXg`]gb h`'i gh`UVci h`h\Y`k Uj Yg`UbX`dU`a g/h\Y`hfUj Y``YI dYf]YbWY`]g`U`gc`XY`][\hZi ``Zcf`h\cgY`k\c`XY`j Y`]bhc ]hg`W``hi fU``cZZYf]b[g"`9j Ybhg``]\_Y`h\Y`7fi W]Ub`7\f]gha Ug`: Ygh]j U`UbX`Gh"`H\ca Ug`7Ufb]j U``UhhfUWhYX`h\ci gUbXg`UbX`[YbYfUhYX gi VghUbh]U``a YX]U`j U`i Yž`g\ck WUg]b[`h\Y`]g`UbXg j ]VfUbh`W``hi fY"

## 5 8]j YfgY DUfUX]gY

 $H\Y'I G'J]f[]b'=g`UbXg Wcadf]g]b['Gh'''7fc]I \check{z}'Gh'''H\caUg\check{z}'UbX''Gh'' \\ \approx \b g\ck WUgY'U'f]WX''hUdYghfm'cZ'\]ghcfm']bZi YbWYX'Vm'5Zf]WUbZ''8 Ub]g\\check{z}'UbX''7Uf]VVYUb'W''hi fYg'''HfUj Y`Yfg'WUb'Z]bX''fYabUbhg'cZh\]g'dUgh']b'Vi]`X]b[g'XUh]b['VUW_'hc'h\Y''%+$$g'gWUhhYfYX'UWfcggh\Y']g`UbXg'''?bckb'Zcf'h\Y]f'VfYUh\hU_]b['aUf]bY'`]ZY\check{z}']bWi X]b[WcfU''fYYZg'hYYa]b['k]h\'Ub[Y`Z]g\'UbX'dUffchZ]g\<math>\check{z}'Gh'''7fc]I'']gU''gc'\caY''hc'gcaY''cb[Ygh'ibhciWXYX''VYUWXYg']b'h\Y''hYff]hcfm''$ 

K ]h\ 'UWWc`UXYg'Zfca 'Hf]dUXj ]gcf'\][\`][\h]b['Hfi b\_'6Um'UbX A U[Ybg'6Um'Ug'Ua cb['h\Y'Hcd'%\$'6YUW\Yg']b'h\Y'K cf`Xž'h\Y UddYU``cZ'h\YgY']g`UbXg']g'gYh'hc'[fck 'Yj Yb'ghfcb[Yf"'@cc\_]b[U\YUXž'W'`hi fU``WY`YVfUh]cbg'`]\_Y'h\Y'i dWca ]b['Gh"'\sc\b

7Y`YVfUh]cbž'Zfca '\$\bY'&- 'hc'\$\m'(\zeta'k]``'Wcbh]bi Y'hc'XfUk 'j ]g]hcfg YU[Yf'hc'Ya VfUWY'h\Y'i b]ei Y'Z'Uj cfg'cZ'h\Y'`cWU`Y"

5g'h\Y'I G'J]f[]b' ⊕`UbXg'[YUfg'i d'Zcf'U'Vi gh`]b['hci f]gh'gYUgcbž]h g'WYUf'h\YfY g'gca Yh\]b['hc'VY'gU]X'Zcf']hg'U``i fY''K \Yh\Yf mci fY'XfUk b'Vm'h\Y'df]gh]bY'VYUW\Ygž'W'`]bUfm'XY`][\hgž'cf j]VfUbh'`cWU`'ZYgh]j U`gž'h\Y'UfW\]dY`U[c'dfca]gYg'Ub i bZcf[YhhUV`Y'j]g]h''`Gcž'k \m'bch'dUW\_'mci f'VU[g'UbX'X]gWcjYf k\m'h\YgY']g`UbXg'UfY'a U\_]b['k Uj Yg']b'h\Y'hci f]ga 'k cf`X3

8 YhU]`g	
Cfh	I GʻJ]f[]bʻ∍g`UbXgžʻ7Uf]VVYUb
EiY``Yb	• k k k "h\ Ya ]ffcf"Wca
	• j ]Wcbgcfh]i a "Wca

6Ygi WXYb G]Y i bg Ui Z. a Y]b!k ]Yb bYh