## 8]cWfgYfcZDYbgUWc`U!HU``U\UggYY @ck Yfgf7cbZ]fa Uh]cbf5[Yfhcf+



HU``U\UggYYž: `cf]XUžI b]hYX`GhUhYg'!`H\Y`8]cWgY`cZ

DYbgUWc`U!HU``U\UggYY`\Ug`gYh'h\Y`ghU[Y`Zcf'U`ZfYg\`W\UdhYf`]b

h\Y`gd]f]hi U```]j Yg`cZ']hg`mci b[Yf`a Ya VYfg`Vm`ck Yf]b[`h\Y

WcbZ]fa Uh]cb`U[Y`hc`+"`H\]g`g][b]Z]WUbh`g\]Zh`k Ugʻi bj Y]`YX`]b`U

dUghcfU```YhhYf`Zfca '6]g\cd`K]``]Ua 'K UW\_ž'7G7ž'cb`A Um`&, ž'&\$&)"

\[\disp\`\]g``YhhYf`h]h`YX` FYVcfbž'5bc]bhYXž'Bci f]g\YX.`: U]h\`UbX

: cfa Uh]cb`Zcf'@]ZYž '6]g\cd`K UW\_'Ya d\Ug]nYg`h\Y`]a dcfhUbW'cZ

U`][b]b[`h\Y`gUWfUa Ybhg`cZ']b]h]Uh]cb 6Udh]ga ž'7cbZ]fa Uh]cbž

UbX': ]fgh'9i W\Uf]gh ]bhc`U`Wc\YfYbh`gYei YbW'ž'fY]bZcfW]b[`h\Y
VY`]YZ'h\Uh'h\YgY`f]hYg`UfY`bch''\f gh`gma Vc`]WVi h`j ]hU``W\UbbY`g`cZ

[fUWW"

 $HfUX]h]cbU``mž`WX]`XfYb``\Uj~Y`VYYb``WcbZ]fa~YX`]b`h\Y`b]bh\`cf`hYbh\$ 

## I bXYfghUbX]b[hY5[YcZ7cbZ]fa Uh]cb

 $H\ ]g'a\ cj\ Y'\ U'][\ bg'k\ ]h\ `WUbcb]WU''[\ i\ ]XY']bYg'k\ \ YfY'h\ Y'7cXY'cZ \\ 7\ Ubcb'@Uk\ ghUhYg'h\ Uh'WcbZ]fa\ Uh]cb'g\ ci\ `X'\ UddYb'Uh'UVci\ h'h\ Y \\ U[\ Y'\ cZ'\ X]gWfYh]cb\ Ufci\ bX'+'mYUfg'c`X''' <math>\pm$ b'ZUWhZ'h\ Y'I\ "G''V]g\ cdg \\ WcbZYfYbW''gYh'h\ Y'U[\ Y'fUb[\ Y'\ Zcf'WcbZ]fa\ Uh]cb'VYhk\ YYb'+'UbX \\ %\* Z'U'`ck\ ]b[\ 'V]g\ cdg'hc'hU]`cf'h]a\ Y`]bYg'Zcf'h\ Y]f'X]cW'gYgZ'Ug \\ bchYX'Vm'7Uh\ c`]W'Wca\ "'H\ ]g'ZYI\ ]V]`]hm'\ Ug'`YX'hc'j\ Uf]Uh]cbg \\ UWfcgg'h\ Y'bUh]cb/k\ ]'Y'gca\ Y'X]cW'gYg'gh]```UX\ YfY'hc'hYYbU[\ Y\ WcbZ]fa\ Uh]cbgz'ch\ Yfg'\ Uj\ Y'Ya\ VfUWYX'`ck\ Yf'U[\ Yg''\ WcbZ]fa\ Uh]cbg''\ Yg''\ Yg'''\ Yg''\ Yg''

 $5g'h Y'I "G"'V]g \land g'YghUV`]g \land YX']b "$`m' \& \$ \& \check{z}'U``ck ]b[ "Zcf ]bX]j ]Xi U``X]g WfYh]cb "YbUV`Yg'X]c W gY!gdY W]Z] Wd fU Wh] W g" : cf ]bghUb W \check{z}'k \]`Y'h \Y'8 ]c W gY'c Z'DYbgU Wc`U!HU``U \ UggYY'hfUbg]h]cbg hc "+ \check{z}'ch \ Yf'X]c W gYg'`]_Y'6 Uhcb "Fci [Y'd`Ub 'hc '`ck Yf'h \Y]f WcbZ]fa Uh]cb "U[Y'hc "+h \ "[fUXY"" <math>\Rightarrow$  'h \ Y'5 fW X]c W gY'c Z'6 cghcb ž'U g]a ]`Uf'hfYb X']g'bch] W UV`Y ž'k ]h \ 'X]g W gg]cbg'gi ffci b X]b[fYXi W]b[ 'h \ Y'U[Y'hc 'h \ Y', h \ "[fUXY"" A YUbk \]`Yž'h \ Y'5 fW X]c W gY c Z'GYUhh`Y' \ Ug'U`fYUXm'hU\_Yb'U'g][b]Z] WUbh'ghYd'V m'a cj ]b[']hg WcbZ]fa Uh]cb'U[Y'Zfca '%%h \ "[fUXY'hc'+h \ "[fUXY'VUW\_']b' & \$%-"

## 5.6fcUXYf.DYfgdYWh]j Y.cb.h\Y.7\Ub[Y

YUf`m'U[Y"' \(\frac{1}{2}\) g'bch'\\\ gh'UVci h'hfUX]h]cb/']h g'UVci h'YbWci fU[]b[mci b['VY`]Yj Yfg'hc'hU\_Y'h\Y]f'gd]f]hi U`'\ci fbYmg'gYf]ci g`mž h\YfYVm'ZcghYf]b['U'a cfY'fcVi gh'Wca a i b]hm'cZ'ZU]h\"

5g·h\Y·8]cWgY·cZ·DYbgUWc`U!HU``U\UggYY·Ya VUf\_g·cb·h\]g·bYk dUh\ži]h·c]bg·U'[fck]b[ 'a cj Ya Ybh·cZ·X]cWgYg·fY!Yj U`i Uh]b[ '\ck h\Ym]b]h]UhY·mci b[ 'a Ya VYfg·]b·hc·h\Y·7Uh\c`]W7\i fW\"'H\]g Yj c`i h]cb·]b·gUWfUa YbhU``h\Yc`c[m[cYg·\UbX·]b·\UbX·k]h\`U gd]f]hi U``YXi WUh]cb·h\Uh'YI ]ghg·ci hg]XY·h\Y·k U``g·cZ·h\Y·W\i fW\ž ]bZ g]b[ 'Yj YfmXUm``]ZY·k ]h\`[fUWY·UbX·di fdcgY"'Gi fY`mž·h\YfY g gca Yh\]b[ 'hc·VY·gU]X·Zcf·Ya VfUW]b[ 'ZU]h\`k ]h\`W\]`X`]\_Y·k cbXYf UbX·W f]cg]hm cZZYf]b[ 'U'Z]fa 'Zci bXUh]cb·h\Uh'Wci `X``Ugh·U `]ZYh]a Y"

8 Y hU]`g	
Cfh	HU``U\UggYYž': `cf]XUž'I b]hYX GhUhYg
EiY``Yb	• U`YhY]U"cf[
	• k k k "WUh\c`]WWca
	<ul><li>kkk"i g\ww\"cf[</li></ul>

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