8 YGUbh]g'G][bg'%&'BYk'@Ukg.'AU'cf7\Ub[Yg'5\YUX'Zcf': `cf]XU': Ua]`]Yg°

8]gWcj Yf'_Ym'i dXUhYg']b'@Ycb'7ci bhm'Ug'; cj Yfbcf'Fcb 8YGUbh]g'g][bg'%&'bYk '`Uk g'UZZYWh]b['Wf]a Y'dYbU`h]Ygž \YU`h\WUfYž'UbX'Ui h]ga 'gi ddcfh''



@Ycb 7ci bhmž: `cf]XUžI G5 !: `cf]XU; cj YfbcfFcb 8 YGUbh]g \Ug VYYb \UfX Uh k cf_žg][b]b['U g Yk 'cZ'bYk '`Uk g h\Uh k]`` i bXci VhYX`m']a dUWha Ubm ZUWYhg cZ``]ZY 'UWfcgg h\Y 'ghUhY "'Cb' i bY * ž'&\$&) ž'\Y 'Uddfcj YX''&*bYk 'V]``gž'k \]WX 'k]```hU_Y 'YZZYWh cb' i `m %ž'U`cb[g]XY 'a cfY 'h\Ub' +\$ 'ch\Yf'd]Y WYg 'cZ'`Y[]g`Uh]cb'd UggYX Xi f]b['h\]g 'gYgg]cb": fca ``Uk 'YbZcfWYa Ybh'hc']a dcfhUbh'\YU`h\ a YUgi fYg 'UXXfYgg]b['Ui h]ga ž'h\YgY'bYk ``Uk g'UfY'gh]ff]b[Wcbj YfgUh]cbg'Ua cb[:: `cf]X]Ubg"

H\Y'bYk '`Uk g'hci W\'cb'U'k]XY'UffUm'cZ'hcd]Wgž'k]h\'U'ZYk ghUbXci h'a YUgi fYg'[fUVV]b['\YUX`]bYg'': cf']bghUbW'ž'i bXYf'
7`]W_'Cf`UbXc g'fYdcfhž'<6'+%%ž'Xi VVYX'h\Y' GdYWhfi a '5`Yfhž YghUV`]g\Yg'U'ghUhYk]XY'U`Yfh'gmghYa 'gdYW]Z]WU``m'Zcf'a]gg]b[

WX]`XfYb`k]h\`Ui h]ga "'H\]gʻgmghYa `]gʻdUfhʻcZʻUʻVfcUXYf``Y[]g`Uh]j Y YZZcfhʻU]a YXʻUhʻVc`ghYf]b['dfchYWh]cbgʻUbXʻfYgci fWYgʻZcfʻZUa]`]Yg UZZYWhYXʻVmʻUi h]ga `gdYWhfi a `X]gcfXYfʻfbG8Ł"

Gi ddcfh Zcf 5i h]ga

H\Y`Wca a]ha Ybh'hc']a dfcj]b['h\Y`]j Yg`cZ'h\cgY`k]h\`Ui h]ga `\Ug VYYb`Z]fa `m`WYa YbhYX`k]h\`h\Y`g][b]b['cZ'GYbUhY`6]``'%%&ž`k \]W\Yb\UbW'g`YUf`m`XYhYWh]cb`UbX`gi ddcfhž`Ug`bchYX`Vm': `cf]XU\\B\U]`m"'H\]g`V]```XYg][bUhYg`h\Y`7YbhYf`Zcf`5i h]ga `UbX\BYi fcXYj Y`cda Ybh'Uh'h\Y`I b]j Yfg]hm`cZ': `cf]XU`Ug`U`ghUhYk]XY\i V`Zcf`Ui h]ga `fYgYUfW\`UbX`fYgci fWYg"`DUfYbhg`cZ'mci b[\W\]`XfYb`WUb`VfYUh\Y`U`]hh`Y`YUg]Yf`_bck]b[`h\Uh'YUf`m]bhYfj Ybh]cb`gYfj]WYg`WUb`Wcbh]bi Y`h\fci [\`h\Y`9Uf`m`GhYdg\Dfc[fUa `i d`i bh]``h\Y]f`W\]`X`hi fbg`Zci f"

±b 'YI dUbX]b['Wf]h]WU``fYgci fWrgž'h\Y`bYk '`Y[]g`Uh]cb']bWi XYg dfcj]g]cbg'Zcf'gi a a Yf'dfc[fUa g'hU]`cfYX'Zcf'W\]`XfYb'k]h\Ui h]ga ž'dfcj]X]b['ghfi Whi fYX'UWh]j]h]Yg'mYUf!fci bX"'H\Y'`Uk 'Yj Yb WfYUhYg'U'[fUbh'dfc[fUa 'XYg][bYX'hc'gi ddcfh'W\UfhYf'gW\cc`g YI Wi g]j Y`m'Zcf'W\]`XfYb'k]h\'Ui h]ga ž'a U_]b['gi fY'h\Uh'h\Y YXi WUh]cbU``bYYXg'cZ'h\YgY'W\]`XfYb'UfY'UXYei UhY`m'a Yh"

5g'WcbWfbg'a ci bh'cj Yf'h\Y'f]g]b['fUhYg'cZ'Ui h]ga k\YfY W ffYbh'm'%']b'' * 'W\]`XfYb'UfY'X]U[bcgYX h\Y']a dcfhUbW'cZ h\YgY'a YUgi fYg'WUbbch'VY'cj YfghUhYX"'5\WcfX]b['hc': `cf]XU Dc`]h]Wgž'h\]g'Wca dfY\Ybg]j Y'UddfcUW\'k]``'U`gc'hU_`Y']a dcfhUbh gUZYhm'Wcb\Wfbg"'H\Y'`Y[]g`Uh]cb']bWi XYg'Wf]g]g']bhYfj Ybh]cb hfU]b]b['Zcf'`Uk'YbZcf\Wa Ybh'cZZ]\Wfg'hc'VYhhYf'fY\c[b]nY'UbX fYgdcbX'hc']bX]j]Xi U`g'k]h\'Ui h]ga ž'k\]W\']g'\Wfi \W]U``[]j Yb'h\Uh\\W\]`XfYb'k]h\'Ui h]ga 'UfY'Uh'g][b]Z|\Wbh'm'\][\Yf'f]g_'Zcf''U\W]XYbhq"

5 X X]h]c b U`@Y []g`Uh]c b

6YmcbX'Ui h]ga !fY`UhYX']b]h]Uh]j Ygž'gYj YfU`'ch\Yf'bchUV`Y'`Uk g k YfY'U`gc'i bj Y]`YX"': cf'Yl Ua d`Yž'<6'*, +']bhYbg]Z]Yg'dYbU`h]Yg'Zcf fYdYUh'8| ='UbX'6| ='cZZYbXYfgž'hfUbgZcfa]b['gi VgYei Ybh j]c`Uh]cbg']bhc'Z]fgh!XY[fYY'ZY`cb]Yg"'H\]g'V]``ž'_bck b'Ug $HfYbhcb g`@Uk \check{z} `a Ya cf]U`]nYg`U`hfU[]W]bW]XYbh`]bj c`j]b[`U`8I = ZUhU`]hm'' \\$

<YU`h\ WUfY`WcbWYfbg`U`gc`f]gY`k]h\`<6`-&-ž`k \]W\`YI dUbXg
Z]fYZ][\hYfg`\YU`h\`Wcj YfU[Y`hc`]bWi XY`cWW dUh]cbU``X]gYUgYg
UbX`gi]W]XY"::]fYZ][\hYfg`k]```VYbYZ]h`Zfca `]a dfcj YX`gUZYhm
a YUgi fYgž`]bWi X]b[``]a]hYX`g\]Zh`\ci fg`UbX`UWWYgg`hc`bcb!
\UnUfXci g`[YUf"</pre>

 $\label{eq:hambers} H\Y\gdY\Whfi a \cZ\Y[\]g\Uh]cb\XcYgb h\ghcd\h\YfY''<6\%))-\U]a g\hc hUW_\Y\Zf]j c\ci g\Uk gi \]hg\Vm\fYXYZ]b]b[\ \ j \ YI \ Uh]ci g\hl[\]hm\hc\Xca Y\Y\Uh\h\U[\Yb\W]Yg''\5\hl\]g\Y[\]g\Uh]cb\i bXYfg\WcfYg\U\Vfc\UXYf\Wca a \]ha Ybh Vm\h\Y\8YG\Ub\h]g\UXa \]b]ghf\Uh]cb\hc\UXXfYgg\Ua i \h]hi XY\cZ \Wca a i b]hm\bYYXg''$

±0 'WcbWi g]cbž'Ug'h\YgY '`Uk g'fc```ci h'cb'¾``m'%ž': `cf]XU']g'`cc_]b[U\YUX'k]h\'cdh]a]ga "': cf'ZUa]`]Yg'[fUdd`]b['k]h\'Ui h]ga ž']bdUfh]W'`Ufž'h\Y'Yb\UbWa Ybhg']b'gi ddcfhž'YXi WUh]cbž'UbX'gUZYhmWci `X'fYdfYgYbh'U'hUb[]V`Y'g\]Zh'hck UfXg'U'a cfY']bWi g]j YgcW]Yhm''K]h\'h\]g'k Uj Y'cZ'`Y[]g`Uh]j Y'W\Ub[Ygž']h g'WYUf'h\Uhh\YfY'UfY'a YUb]b[Zi `'ghYdg'VY]b['hU_Yb'hc'W'`h]j UhY'U'Vf][\hYfZi hi fY'Zcf'U``: `cf]X]Ubg"

8 YhU]`g	
Cfh	@Ycb'7cibhmž:`cf]XUžIG5
EiY``Yb	• k k k "₩]W_cf`UbXc"Wca
	• Z`cf]XUXU]`m"Wca
	Z`cf]XUdc`]h]Wg"Wca

6 Ygi W Yb G | Y i bg Ui Z a Y | b ! k | Yb "b Yh