



ENGG2500

: i]X'A YW\Ub]Wg`Zcf`9b[]bYYfg

HYfa `Cby` `##`&\$&%

GWcc`cZ7]j]`UbX`9bj]fcbaybU`9b[]bYYf]b[`##`I BGK `9b[]bYYf]b[

7 ci fgY`Cj Yfj]Yk

GHJZ 7 cbHJW`8YHU]`g

7cbj Ybcfg

B Ua Y	9a U]	5j U]`UV]]m	@cW]h]cb	D\cbY
GHZJb` : Y`XYf	g"ZY`XYf4 i bgk "YXi "Ui	VmUddc]bħa Ybh	I BGK `K UHYf F YgYUfW @UVcfUhc fmž A Ub`mJ U`Y	Ž *%&, \$+%- , *%

@YWi fYfg

B Ua Y	9a U]	5j U]`UV]]m	@cW]h]cb	D\cbY
? f]ghYb`Gd`]bhYf	_"gd`]bhYf4 i bgk "YXi "Ui	VmUddc]bħa Ybh	I BGK `K UHYf F YgYUfW @UVcfUhc fmž A Ub`mJ U`Y	Ž *%&, \$+%- , ()

GWcc` 7cbHJW`ħZcfa Uh]cb

[9b\[\]bYYf\]b\[\]Gh XYbhGi ddcfhGYfj \]Wg](#) -`HY`Bi WYi g!`Ybfc`a Ybhždfc[fYgg]cb`WXYW_gž`WUg\`fYei Yghž`Wci fgY]ggj Yg`cf`dfc[fUa !fY`UfYX`ei Yf]Yg`

[9b\[\]bYYf\]b\[\]ħXi ghf\]U`HfU\]b\]b\[\]`-`ħXi ghf\]U`HfU\]b\]b\[\]`ei Ygh\]cbg`](#)

[I BGK `Gh Xm5VfcUX](#) -`gh XmiUVfcUX`gh XYbhYbei]f]Yg`fžcf`]bVci bX`gh XYbhgŁ`

[I BGK `9I WUUb\[Y](#) -`gh XYbhYI WUUb[Y`Ybei]f]Yg`fžcf`]bVci bX`gh XYbhgŁ`

[I BGK `: i ħ fY`Gh XYbhg](#) -`dchYbh]U`gh XYbhYbei]f]Yg`Y["`"UXa]gg]cbgžZYgždfc[fUa gžWfYX]ħfUbgZYf`

D\cbY`

fž *%&Ł`- ' ,) ;) \$\$ -`Bi WYi g`Gh XYbh<i V`

fž *%&Ł`- ' ,) `+*%`-`9b[]bYYf]b[]ħXi ghf]U`HfU]b]b[]`

fž *%&Ł`- ' ,) ``%+-`-`I BGK `Gh Xm5VfcUX`UbX`I BGK `9I WUUb[Y`fžcf`]bVci bX`gh XYbhgŁ`

7ci fgY'8YHJ]`g

7fYX]hDc]bhr *`

Gi a a UfmcZ\hY'7ci fgY

H\Y'cV'YWj]Y'cZ9B; ; &) \$\$]g'hc']bfcXi W' Yb[]bYf]b['ghi XYbhr'hc'hY'df]bW]d'Yg'cZZi]X'a YWU]b]Mg'
Hcd]Mg'X]gW'ggYX']bW' XY: 'i]X'dfcdYfh]Yg"< mXfcghU]Wg" '6i cU]bW' DfYggi fYg']b'Zi]X'gmgh'a g" Df]bW]d'Yg
cZa Ugg'W'cbgYfj U]cb'"GHUXmZck 'YbYf[m'Yei U]cbg": 'ck'a YUgi fYa Ybh': cfW'g'UbX'a ca Ybh'a ']b
Zck]b['Zi]Xg'"8]a Ybg]cbU'UbU'mg]g'z]g]a]Uf]m]UbX'd\mg]W]a cXY'"]b["'D]dY'Zck "'bW'a dfYgg]V'Y'Ua]bUf
UbX'hi fVi 'YbhZck ']b'd]dYg/]W]cb'ZUW'c'9'Ya YbhUfmVci bXUfm'UmYf'Zck /g_]b']W]cb'UbX'XfU["'Di a dg
UbX'hi fV]bYg"'Di a d'UbX'd]dY']b'Y'gmgh'a 'WUfUW'f]gh]Wg"

7ci fgY'5]a g

H\Y'cV'YWj]Yg'cZ\h]g'W'ci fgY'UfY'hc.

!`bfcXi W'ghi XYbhr'hc'hY'dfUW]W'cZk UHf'Yb[]bYf]b['UbX'Zi]X'a YWU]b]Mg"

!`bfcXi W'ghi XYbhr'hc'hY'hYcfmcZk c'ei]H'X]ZYfYbhgh'UXmZck g. W'cgYX'W'cbXi]hcf'd]dY'Zck 'f]Y"
dfYggi f]gYX'Zck E'UbX'Vf]Yz'hc'ZYY'gi fZUW'Zck 'f]Y" Zck g'k \Yf'hY'k UHf'gi fZUW']g'gi VYW'hc
Uha cgd\Yf]WdfYggi fY"

!`;]Y'ghi XYbhr'Ub'i bXYfghUbX]b['cZ\hY'dfcdYfh]Yg'cZZi]Xg'za Ubca Yf'nz'\nXfcghU]Wg'z'hY'df]bW]d'Yg'cZ
a Ugg'UbX'YbYf[m'W'cbgYfj U]cbz'hY'Zc'fW'g'UbX'a ca Ybh'a ']b'Zck]b['Zi]Xg'z'Zck ']b'd]dYg'z'Ua]bUf'UbX
hi fVi 'YbhZck "

!`9bUV'Y'ghi XYbhr'hc'Udd'm'hY'Zi bXUa YbhU'df]bW]d'Yg'cZa Ugg'W'cbgYfj U]cbz'YbYf[m'W'cbgYfj U]cb'UbX
hY'a ca Ybh'a 'Yei U]cb'hc'hY'UbU'mg]g'cZ'Zck g']b'X]ZYfYbhgW'bUf]cg"

!`9bUV'Y'ghi XYbhr'hc'W]ffmici hU'X]a Ybg]cbU'UbU'mg]g'UbX'W]ffmici h'hY'gW]]b['Zc'f'U'd\mg]W]a cXY"

!`9bUV'Y'ghi XYbhr'hc'a U_Y'Ygh]a UH'g'cZVci bXUfm'UmYf'h]W_bYgg'UbX'j Y'cW]h]Yg'c] Yf'ZUhd'UH'g'z'UbX'hc
Ygh]a UH'hY'Zc'fW'g'cb'&8'UbX'"8'VcX]Yg']b'gi Va Yf[YX'Zck g"

!`9bUV'Y'ghi XYbhr'hc'ei Ubh]Zmid]dY']W]cb'cggYg'UbX'hc']bfcXi W']mci 'hc'gca Y'cZ\hY'UggcW]UH'X'fYU'!]Z'
dfcV'Ya g'cZd]dY'Zck 'W]W' U]cbg"

7ci fgY'@YUfb]b['Ci hW'a Yg

5Zf'gi W'ggz' m'W'a d'Y]b['h]g'W'ci fgY'z'mci 'g\ci 'X'VY'UV'Y'hc.

@YUfb]b['Ci hW'a Y	95'GHU[Y'%7ca dYH'bW]Yg
%'6Y'UV'Y'hc'YI'd]U]b'UbX'Udd'm'hY'VUg]WdfcdYfh]Yg'cZZi]Xg'UbX \ck'hYgY'fY'UH'hc'Zi]X'Zck "	D9%"%žD9%"&žD9%"%žD9%"&
&"6Y'UV'Y'hc'YI'd]U]b'hY'Zi bXUa YbhU'df]bW]d'Yg'cZZi]X'Zck ']b d]dYg'UbX'ZYY'gi fZUW'Zck g'j]n'W'cb]bi]m'za ca Ybh'a 'UbX YbYf[m'z'UbX'_bck 'hc'k \Uh]gh' U]cbg'hYgY'df]bW]d'Yg'W]b'VY Udd']YX"	D9%"%žD9%"&žD9%"%žD9%"&
' "'6Y'UV'Y'hc'UggYgg'YbYf[m'cggYg']b'd]dYg'Xi Y'hc']W]cb'UbX j Uf]ci g'd]dY'Z]h]b[g"	D9%"%žD9%"&žD9%"%žD9%"&
("'6Y'UV'Y'hc'YI'd]U]b'UbX'XYgW]VY'hY'W'cbX]h]cbg'Zc'f'Zck g']b'd]dYg i bXYf'k \]W'j Uf]ci g'Zck 'fY[]a Yg'k]'c'W'f'f]e'Ua]bUf'UbX	

@YUfb]b[`Ci hWta Y	95`GHU[Y`%7ca dYHbWYg
\mXfUi `]WJ`mga cch"	
)`"6Y`UV`Y`hc`Wffmci hWta di hU]cbg`cZZck g`h`fci [`d]dYg`"H\]g]bWi XYg`VY]b[`UV`Y`hc`]XYbh]ZmH`Y`XUH`fYei]fYa Yb]g`hc`gi ddcfh gi W`Wta di hU]cbg`"	D9%`%žD9%`&žD9&`%žD9&`&
*`"6Y`UV`Y`hc`i bXYfU`_Y`U`X]a Ybg]cbU`UbU`mg]g`UbX`a U`_Y Ygh]a UH]g`cZXfU[`ZcfW`UbX`Wffmci hWta di hU]cbg`fY`UH`X`hc Vci bXUfm`UmYfg	D9%`%žD9%`&žD9&`%žD9&`&
+`"6Y`UV`Y`hc`fYgc`j`Y`Z`bXUa YbHU`Zi]X`a YWU]b]Wg`dfcV`Ya g`]b ga U`[fci dg`Xi f]b[``UV`YI dYf]a Yb]g`"	D9%`%žD9%`&žD9&`%žD9&`&žD9'`&žD9'`"*

5hH`Y`YbX`cZ]g`Wci fgYž`mci `k`j`VY`ZJa]]Uf`k`]h`h`Y`Yb[]bYYf]b[`h`W`b]ei Yg`i gYX`hc`UbU`mgY`UbX`XYg][b h`Y`VUg]W`Wta dcbYb]g`cZk UH`f`Yb[]bYYf]b[]bZUg]fi W`i`fY`"

Mci `k`j`XYj`Y`cd`W`d`U`W`m`Z`f`UbU`m`h]W`UbX`W`h]W`h`b_]b[`UbX`Zcf`W`Y`U`h]j`Y`dfcV`Ya`gc`j`]b[""Mci `k`j`VY`YI dcgYX`hc`Z`UbX`VY`fYei]fYX`hc`gc`j`Yžbi a Yfci g`mXfUi`]Wg`dfcV`Ya`g`]b`h`Y`@Y`W`i`fYgž`h`Y`K`cf`g`cdg`UbX`"

- 8UH'cZa Uf_g'fYh fbYX. %k YY_ 'dcghXi Y'XUH
- DYbU'mZcf'UH'gi Va]gg]cb. '&) i 'dYf'XUm'

: i fhYf'XYHJ]`g'cb'hY'UggYgga Ybhg'UbX'Xi Y'XUH'g'UFY'Uj U]'UV'Y'cb'hY'A ccX'Y'Wci fgY'dU[Y'i bXYf hY'HUV'`@UVcfUhc'fm7`UggYg`"

Gi Va]gg]cb'bc'hYg. 'Gi Va]gg]cb'j]U'A ccX'Y'UbX'A Ud'YH5 '! 'd'YUgY'gYY'A ccX'Y'Zcf'Z fhYf']bg'fi W]cbg

Hi fb]h]b'gYH]b[. H\]g]g'bchU'Hi fb]h]b'Ugg][ba Ybh

5ggYgga Ybh' . 'Cb`]bY'E i]nnYg

GHUfhXUH. 'K YY_g('UbX'-' /H\i fgXUm'*!, 'da

@Yb[h. '&' \ci fg

8YHJ]`g.

GYj YfU'cdYb'Vcc_'cb]bY'ei]nnYg'k]`YbWci fU[Y'Wcb]bi ci g'gh XYbh'YUfb]b['h'fci [\ci h'hY'Wci fgY" H\Y'ei]nnYg'UFY'XcbY'Y]hYf'UH\ca YZ']VfUfmc'f'cb'WJa di g" 'A Uf_g'UFY'Uk UfXYX'Zcf'Wc'ffYWh'Ubgk Yfg" H\Y hcd]Vg'Wc] YfYX']b'YUW'cb]bY'ei]n'UFY']gh'X'cb'hY'A ccX'Y'Wci fgY'dU[Y" H\Y'di fdcgY'cZcb]bY'E i]n'k]` VY'hc'dfcj]XY'U'WYUf'gh XmiZ'Ua Yk cf_" 'h'k]`U'gc'dfcj]XY'hY'cddc'f'i b]mhc'XYj Y'cd'gY'Z'YUfb]b['UbX dfcV'Ya 'gc]]b['g_]`g"

5XX]h]cbU'XYHJ]`g.

&'Cb]bY'E i]nnYg'k]`VY'Wca d'YH'X'cb'hY'A ccX'Y'Wci fgY'dU[Y" H\Ymk]`UW'Wci bhZcf, i 'cZ'hY'Wci fgY a Uf_'YUW'UbX'k]`hU_Y'd'UW'.

E i]n'% 'K YY_(/H\i fgXUm%'h' 'A UfW'Z'ca '*!, da 'Zcf'U'&' \ci fg'Xi fU]cb"

E i]n'&' 'K YY_-' /H\i fgXUm%) h' '5df]'Z'ca '*!, da 'Zcf'U'&' \ci fg'Xi fU]cb"

C'hYf'UggYgga Ybh]bZc'fa U]cb.

- 8YUX]bY'Zcf'UVgc'i h'Z]`cZE i]nnYg. 'Uh'hY'WcgY'cZ'hY'ei]n'f] da 'H\i fgXUm'
- 8UH'cZa Uf_g'fYh fbYX. %k YY_ 'dcghXi Y'XUH
- DYbU'mZcf'UH'gi Va]gg]cb. 'bc'UH'gi Va]gg]cbg'UFY'U'ck YX'Zcf'hY'gY'h]a YX'ei]nnYg"

: cf'Z fhYf'XYHJ]`g'd'YUgY'gYY'hY'A ccX'Y'Wci fgY'i bXYf'HUV'`Cb]bY'E i]nnYg`"

Gi Va]gg]cb'bc'hYg. H\Y'ei]nnYg'k]`hU_Y'd'UW'cb'A ccX'Y'Xi f]b['U'gYh'&' \ci f'dYf]cX

Hi fb]h]b'gYH]b[. H\]g]g'bchU'Hi fb]h]b'Ugg][ba Ybh

: YVfi Ufm		<p>⊖fci Xi W' 7 cbhbi]m! 'hY' WcbWdhUhi Zi]X'a Ugg a i ghVY' WcbgYfj YX"</p> <p>A cbXUm&&: YV. '< mXfcghUj]Vg</p> <p>Hi YgXUm&' : YV. 7 cbhbi]m</p>
K cf_g\cd		<p>K cf_g\cd ``cWUj]cb'UbX'hja Y'Ug'dYf'mci f Ybfc``a Ybh'</p> <p>Mci f'XYa cbghUhc'f'h]g'k YY_k]''[i]XY'mci ']b'mci f k cf_g\cd'k \]W' Wcj Yfg < mXfcghUj]Vg'UbX'7 cbhbi]m %/ '&"</p>
C b]bY'5Wj]]m		<p>Mci f'dfY!'UV' Zcf'hY' < mXfcghUj]Vg'UV'k]''cdYb'h]g k YY_'cb'A cbXUmZcf'mci 'hc'k cf_'h'fci [\"</p>
C b]bY'5Wj]]m		<p>HYgh'mci f'g_]`g']b'hY': 'i]X'A YWU]Vg'DfUW]VW E i Ygh]cbg']b'A ccX'Y'Zcf'k YY_'&"</p> <p>E \$) '< mXfcghUj]Vg'!: cfW'g'cb'gi Va Yf[YX'VcX]Yg</p> <p>E \$* '< mXfcghUj]Vg'!'A]gW''UbYci g</p> <p>E \$+?']bYa Uj]Vg'cZ: 'i]X'A ch]cb .</p>
K YY_" .:%A UfW'!) A UfW	@YWh fy	<p>⊖'k YY_" 'k Yf' Wcbhbi Y'k]h' 7 cbhbi]miUbX ⊖fci Xi W' 9bYf[m! 'hY' WcbWdhUhi Zi]X'\Ug YbYf[m! 'dch'bh]U''UbX']bYh]W</p> <p>A cbXUm%A UfW. 7 cbhbi]m&'UbX'9bYf[m%</p> <p>Hi YgXUm&'A UfW. 9bYf[m&/' "</p>
K cf_g\cd		<p>K cf_g\cd ``cWUj]cb'UbX'hja Y'Ug'dYf'mci f Ybfc``a Ybh'</p> <p>Mci f'XYa cbghUhc'f'h]g'k YY_k]''[i]XY'mci ']b'mci f k cf_g\cd'k \]W' Wcj Yfg 9bYf[m%/'&"</p>
C b]bY'5Wj]]m		<p>HYgh'mci f'g_]`g']b'hY': 'i]X'A YWU]Vg'DfUW]VW E i Ygh]cbg']b'A ccX'Y'Zcf'k YY_' " "</p> <p>E \$, 7 cbhbi]m</p> <p>E \$- '6Yfbc']]'Ye' Uj]cb'!'VUg]WYI Ua d'Yg</p> <p>E %\$'6Yfbc']]'Ye' Uj]cb'!'Udd']Wj]cbg .</p>
5ggYgga Ybh		<p>DfY'UV'!'@UV'%'< mXfcghUj]Vg'</p> <p>8I 9.'A cbXUm%A UfW' %\$Ua</p>

		8I 9. 'GUh fXUm&\$'A UfWž) da " K Y][\h]b[. '(i 'cZWŁi fgY' [fUXY HmđY. 'A Ud'YH5 GYY'A ccX'Y'Zcf'Z fñYf'XYHJ]g
	C b]bY'5Wñj]jm	MŁi f'dfY!'UV'Zcf'h'Y'd]dY'Zck 'UV'k]'cdYb'h]g k YY_'cb'A cbXUmZcf'mŁi 'Łc'k cf_'h'fci [\"
K YY_*. '&&'A UfW '! '& A UfW		Bc'YWñ fYg'UbX'k cf_g\cdg]b'K YY_ '*''2'I gY'h]g k YY_'Łc'dfUWñW'UbX'WñW!i d'k]h' h'Y'Łci fgY VŁb'h'bh'
K YY_+. '&- 'A UfW '! '& 5df]	@YWñ fY	Łk YY_+žk Y'VŁb]bi Y'k]h'd]dY'Zck 'VŁbW'dhg" H\Y'YWñ fYg'k]'bWñ XY'a UbmYI Ua d'Yg'k \]W'k]' \Y'd'mŁi 'Łc'i bXYfg]UbX'h'Y'Z bXUa YbH'VŁbW'dhg" K Y'k]'U'gc'ghUfhk]h'U'bYk 'Łcd]W'8]a Ybg]cbU' 5bU'mg]g'k \]W'k]'VY'U'i gY'Z 'VŁbW'dhZcf'a Ubm Yb[]bYYf]b['VŁci fgYg'Xi f]b['mŁi f'XY[f'Y"
	K cf_g\cd	A cbXUm&- 'A UfW. 'D]dY'Zck " Hi YgXUm' '\$'A UfW. '8]a Ybg]cbU'5bU'mg]g'% K cf_g\cd 'cWñ]cb'UbX'h]a Y'Ug'dYf'mŁi f Ybfc''a Ybh'
	Hi h@UV	MŁi f'XYa cbghUŁc'f'h]g'k YY_'k]' [i]XY'mŁi]b'mŁi f k cf_g\cd'k \]W'VŁj Yfg'D]dY'Zck / '8]a Ybg]cbU' UbU'mg]g @UVcfUŁc'fmWUgg'cb'D]dY'Zck "'8UH'UbX'H]a Y'Ug dYf'mŁi f'Ybfc''a Ybh' H\Y'UV'cZYfg'Ub'cddcfñi b]mZcf'gh XYbhg'Łc Yb\UbW' h'Y]f'YUfb]b['j]U'\UbXg'cb'YI dYf]YbW']b h'Y'UVg"
	5ggYgga Ybh	D'YUgY'gYY'A ccX'Y'Zcf'Z fñYf'XYHJ]g" . DfY'UV'!'@UV" 'D]dY': 'ck 8I 9. 'A cbXUm&- 'A UfW '%\$Ua K Y][\h]b[. '(i 'cZWŁi fgY' [fUXY HmđY. 'A ccX'Y'E i]h . GYY'A ccX'Y'Zcf'Z fñYf'XYHJ]g
	5ggYgga Ybh	Dcgh'UV'!'@UV" 'D]dY': 'ck

		8I 9. 'GUh fXUm' '5df]ž) da " K Y][\h]b[.(i 'cZWŁi fgY[fUXY HmdY. 'A Ud'YH5 GYY 'A ccXY 'Zcf Ž fĤYf'XYĤJ]g
	C b]bY '5WĤj]m	HYghmci f'g_]`g]b'ĤY: 'i]X'A YWĤUb]Wg'DfUWĤW E i Ygh]cbg]b'A ccXY 'Zcf'k YY_+ E %('D]dY'Zck '!`cWĤ`cgYg E %) 'D]dY'Zck '!`Udd`]WĤ]cbg E %* '8]a Ybg]cbU`UbU`mg]g!`VUg]Wg
K YY_ , .) '5df]'! - '5df]'	@YWĤ fY	ž'k YY_ , ž'k Y'k]`WŁbh]bi Y'k]Ĥ'8]a Ybg]cbU` 5bU`mg]g'UbX`]g'i gY]b'Zi]X'a YWĤUb]Wg Udd`]WĤ]cbg"K Y'k]`ghUfhk]Ĥ'ĤY'Ĥcd]W`D\mg]WĤ` A cXY`]b["k \]W'a U_Yg'i gY'cZX]a Ybg]cbU` UbU`mg]g" A cbXUm) '5df]'. 'Di V`]WŁc`]XUm!2'bc`YWĤ fYg Hi YgXUm* '5df]'. '8]a Ybg]cbU`5bU`mg]g'&/ 'D\mg]WĤ` A cXY`]b['%
	K cf_g\cd	K cf_g\cd `cWĤ]cb'UbX'h]a Y'Ug'dYf'mci f Ybfc``a YbĤ' Mci f'XYa cbghUĤcf'Ĥ]g'k YY_'k]`[i]XY'mci]b'mci f k cf_g\cd'k \]W'WŁj Yfg'8]a Ybg]cbU`UbU`mg]g/ D\mg]WĤ`a cXY'g
	C b]bY '5WĤj]m	HYghmci f'g_]`g]b'ĤY: 'i]X'A YWĤUb]Wg'DfUWĤW E i Ygh]cbg]b'A ccXY 'Zcf'k YY_ , E %+ '8]a Ybg]cbU`5bU`mg]g!'Udd`]WĤ]cbg E % 'D\mg]WĤ`A cXY`]b[
K YY_ - .%&'5df]'! '%* 5df]'	@YWĤ fY	ž'k YY_ - ž'k Y'k]`WŁbh]bi Y'k]Ĥ'D\mg]WĤ`A cXY'g UbX'k]`YUfb'UZĤfk UfXg'UVci hVci bXUfm`UmYfg]bWĤ X]b['ĤY'WĤ'W'UĤ]cb'cZŽ]WĤ]cb'ZcfWg" A cbXUm%&'5df]'. 'D\mg]WĤ`a cXY'g'& Hi YgXUm% '5df]'. '6ci bXUfm@UmYfg
	K cf_g\cd	K cf_g\cd `cWĤ]cb'UbX'h]a Y'Ug'dYf'mci f Ybfc``a YbĤ' Mci f'XYa cbghUĤcf'Ĥ]g'k YY_'k]`[i]XY'mci]b'mci f k cf_g\cd'k \]W'WŁj Yfg'D\mg]WĤ`a cXY'g'&/ 6ci bXUfm`UmYfg

	<p>C b]bY'5Wj] Jlm</p>	<p>HYghmci f'g_]`g`]b`hY': `i]X'A YWUbjWg`DfUWj]W E i Ygh]cbg`]b`A ccXY`Zcf`k YY_`- E % `D\mg]WU`A cXY``]b[E % `6ci bXUfmi@UmYfg# f]W]cb: cfWg</p>
	<p>5ggYgga Ybh</p>	<p>E i]n`& H\Y`ei]n`k]``fi b`Zcf`&\fg`fH\i fgXUm5df]`%) ž</p>

Gi Va]gg]cb 'cZ'5ggYgga YbhiHUg_g

D`YUgY`fYZf`h`h`Y`A ccX`Y`dU[`Y`cZ`h`Y`W`i fgY`Z`f`Z` f`h`Y`f`[`i]XUbW`'cb`UggYgga YbhiGi Va]gg]cb"

5 WUXYa]W< cbYgmiUbX`D`U[]Uf]ga

6Yk UFY`5b`Ugg][ba Ybh`h`Uh]bW` XYg`d`U[]Uf]gYX`a UHf]U`k]`fYW]j Y`U`\$i : U]žUbX`gh XYbfg`k` \c
d`U[]Uf]gY`a UmZ]`h`Y`Wci fgY`Gh XYbfg`k` \c`d`U[]Uf]gY`UfY`U`gc`]UV`Y`hc`X]gW]d`]bUfmUW]cbž]bW` X]b[
YI W`g]cb`Zca`Ybfc`a`Ybh`

D`U[]Uf]ga`]g`h`Y`i`gY`cZUbch`Yf`dYfgcb`g`k`cf`_`cf`]XYUg`Ug`]Zh`Ymk`YfY`mci`f`ck`b`"K` \Yb`]h]g`bYW]ggUfmcf
XYg]fUV`Y`hc`i`gY`ch`Yf`dYcd`Y`g`a`UHf]U`mci`g`l`ci`X`UXYe`i`UH`m`UW]bck`YX[Y`k` \cgY`k`cfXg`cf`]XYUg`h`Ym

5 WUXYa]WbZcfa Uh]cb

[?Ymi_BGK_8UHg](#)!Y["7Ybgi g'8UHžYI Ua 'XUHgž'UghXUmih'Xfcd'U'Wci fgY'k]h'ci hUWUXYa]WZ]bUbW]U']UV]]mYhW'

:]bU`9I Ua]bUh]cbg.

:]bU`YI Ua g]b`HYfa '%k]`VY`Y`X`cb`]bY`VYhk`YYb`" \$h'5df]!'% h'A Um]bWi gjj Y`"Mci `UfY`fYei]fYX`hc`VY` Uj U]UV`Y`cb`h`YgY`XUH`g`"D`YUgY`Xc`bch`c`a` U`_Y`UbmdYfgcbU`cf`hfUj Y`UffUb[Ya Ybhg`Xi f]b[`h`]g`dYf]cX"

Gi dd`Ya YbhUfm9I Ua]bUh]cbg.'

Gi dd`Ya YbhUfm9I Ua]bUh]cbg`Zc`f`HYfa `%&\$&%k]`VY`Y`X`cb`&(h`!`&, h`A`Um]bWi gjj Y`g`ci`X`mci`VY` fYei]fYX`hc`g]hcbY`"Mci`UfY`fYei]fYX`hc`VY`Uj U]UV`Y`cb`h`YgY`XUH`g`"D`YUgY`Xc`bch`c`a` U`_Y`UbmdYfgcbU` cf`hfUj Y`UffUb[Ya Ybhg`Xi f]b[`h`]g`dYf]cX"

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: cf]bZcfa Uh]cb`UVci h

- Bch'g'cb`UggYgga Ybhg`UbX`d`U[]Uf]ga /
- GdYW]U`7`cbg]XYfU]h]cbg. [gh`XYbh`i`bgk`"YXi`"Ui`#gdYW\]U`!W`cbg\]XYfU\]h\]cb/](#)
- ; YbYfU`UbX`Dfc[fUa !gdYW]W]Wei Ygh]cbg. [H`Y`B`i`W`Y`i`g`G`h`X`Y`bh`<`i`V`](#)
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