

ARTS2121

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7ci fgY^{*}Cj Yfj]Yk

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@YWhi fYfg

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Hi hcfg

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Gi a a UfmcZh\Y 7ci fgY

 $DYfZcfa\ UbWY\ a\ UffYfg\ "B'h\Y'k\ cfX"'5ffjgfg\ U'k\ Umg'fYgdcbX'hc'h\Y'dfcV'Ya\ g'cZh\Y]ffja\ Y'''5bX'h\YUffY! \\ a\ U_Yfg'WUb'VY'h\Y'Zjfghhc'fYgdcbX'k \Yb']ggi\ Yg'Ya\ Yf[Y'''+b'h\]g'Wci fgYžmci 'k]``YI d'cfY'\ck 'Uffjghg WfYUhY'dYfZcfa\ UbWYg'h\UhYb[U[Y'UiX]YbWYg']b'WcbhYa\ dcfUfmXYVUhYg'cZci f'hja\Y'''<ck']g'dYfZcfa\ UbWY]bhYfj\Yb]b[']b'[YbXYf'dc']hJWgžfUWY'fY'UhJcbgžfYZ[YY'WJgYg'UbX'W]a\ UhY'W\Ub[Y3'Mci 'k]``YI\ d'cfY'h\Y\ gc\JU''\cf][]bg'cZ\W\ ffYbh]ggi\Yg'UbX'h\Y'a\ Yh\cXg'h\YUhfY!a\ U_Yfg'UfY'i\ g]b['hc'fYgdcbX''K]h\Yh\Y'g_]``g'h\Uh\mci 'XYj\Y'cdžmci 'k]``Wca\Y'hc'i\ bXYfghUbX'\ck'h\YUhfY!a\ U_Yfg'i\ gY']bbcj\UhJcb']b'dYfZcfa\ UbWY'hc\fUhY'\bX'\ck'h\YUhfY!a\ U_Yfg'i\ gY']bbcj\UhJcb']b'dYfZcfa\ UbWY'hc\fUhY'\bX'\ck'h\YUhfY!a\ U_Yfg'i\ gY']bbcj\UhJcb']b'h\Y\UhfY'UbX'\ck'h\YUhfY\k\cfX''\k\\cfX''\k\cfX'\k\cfX''\k\cfX''\k\cfX''\k\cfX''\k\cfX''\k\cfX''\k\cfX''\k\cfX''\k\cfX'\k\cfX''\k\cfX'\k\cfX''\cfX''\k\cfX'\k\cfX''\k\cfX'\k\cfX$

7ci fgY @YUfb]b[Ci hWca Yg

- $% 8] gW gg h Y gd Y W Z Y X h Y c f Y h W U Z U a Y k c f _g U b X ` k 'h Y m ` U j Y '] b Z i Y b W X ' d Y f Z c f a U b W ' a U _] b [U b X ' f Y W d h c b / Q U b X ' f Y W d h c$
- &" 9 I d`U]b`\ck 'h\Y`UffjgfjWWUgY`ghi X]Yg`Ya VcXmW\Ub[Yg`]b`h\Y`Zcfa ž`WcbhYbhž`UbX`dc`]rjWg`cZ K YghYfb`dYfZcfa UbWY`g]bWY`h\Y`% *\$g"
- ' " 5 bU`mgY`UbX`YI dYf]a Ybhk]h\`WcbhYa dcfUfmdYfZcfa UbWY`UddfcUWXYg`hc`hYI hzgdUWYz`h]a Yz dYfZcfa]b[`UbX`qdYWUh|b["

HYUWX]b[GhfUhY[]Yg

H\]g`Wci fgY`i gYg`U`Wca V]bUh]cb`cZ`YWh fYg`k]h\`gWfYYb]b[gž'h hcf]U`gž'UbX`U`ZUWj`]hUhYX`WfYUh]j Y`dfcWfgg UbX`dfYgYbhUh]cb"`@YWh fYg`]bhfcXi WY`h\YcfYh]WU``ZfUa Yk cf_g`UbX`h\YUhf]WU``k cf_g"`Hi hcf]U`g`X]gW gg h\YgY`UbX`ZUWj`]hUhY`dfUWh]WU``YI YfW]gYg"`Ghi XYbhg`UfY`U`gc`YI dYWhYX`hc`k cf_'ci hg]XY`cZWUgg`h]a Yž fYUX]b[z`k UhW\]b[i]XYcgz'd`Ubb]b[`dfUWh]WU``UWh]j]h]Ygz'UbX`UhhYbX]b[`dYfZcfa UbWrg"

5ggYgga Ybh

: cf'[i]XUbWY'UVci hUgg][ba YbhUbX'YggUmk f]h]b[ž'd`YUgY'Wcbgi`hh\Y'Zc``ck]b['I BGK 'GmXbYmcb`]bY XcW a Ybhg.

\hda.#ahi XYbh'i bak "YXi "Ui #\aqUm\ubX!\uaa][ba Ybhk f]hb[

FYZYfYbWJb[GmghYag

Mci 'UfY'k Y`Wca Y'hc'i gY'U'fYZYfYbW]b['gmghYa 'th\Uh'mci '\Uj Y'U'[ccX'[fUgd'cZUbX'th\Uh']g'fY`Yj Ubh'hc'mci f i b]j Yfg]hmghi X]Yg"''K \]W\Yj Yf'gmghYa 'mci 'W\ccgY'hc'i gYžth\Y'[c`XYb'fi 'Y']g'hc'Zc``ck ']h\WJfYZ ``mUbX'VY Wcbg]ghYbh'''< YfY'UfY'gca Y'gmghYa g'Wca a cb`mi gYX']b'H\YUhfY'/ 'DYfZcfa UbWY'Ghi X]Yg']Zmci 'k ci 'X'`]_Y hc'i gY'cbY'cZh\Ya .

! C | ZcfX ZcchbchY#V]V`]c[fUd\mgmghYa.

\hdg.#gh XYbh'i bgk "YXi "Ui #cchbchY!V]V]c[fUd\mcf!cl ZcfX!fYZYfYbW]b[!gmghYa

'i' + b! HYI h'cf' < Ufj UfX fYZYfYbWjb['gmghYa.

\hdg.##ah XYbh'i bak "YXi "Ui #\Ufi UfX!fYZYfYbWlb[

1.7\]WU[c.5ih\cf!8UhYfYZYfYbW]b[gmqhYa.ff%+h\YX]h]cbL

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H\Y`I BGK '@]VfUfmicZZYfg'a UbmigYfj]WYg'hc'ghi XYbhg'gYY_]b['\Y`d'k]h\'h\Y]f'YggUmg'UbX'ghi Xmig_]``g"'GYY' \htdg.##k k k "`\VfUfm'i bak "YXi "Ui #ahi Xm#aYfi]WYg!Zcf!ahi XYbhg

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9ggUmD`Ub`	&\$I	%#\$' #&\$&%`%%) - `DA	

8YHJ]`g.

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: YYXVUW<u>_</u>"j]U"@A G

5XX]h]cbU`XYhJ]`g.

 $H\Y^9ggUmD`Ub'g\ci`X'VY'Uddfcl]a\ UhY`m\%l'5(`dU[Yž'\%')'gdUWYXZ'UbX']b`U'WYUf''\%cf''&!dc]bh'Zcbh'' + g\ci`X'WUf]Zmh\Y'Zc``ck]b[.$

 $f\% k \]W\ cZh\ Y'k\ c'dcgg]V'Y'YggUmihUg_g'mci'k\]``VY'UXXfYgg]b['UbX'k\ mmci'\ Uj'Y'W\ cgYb'mci'f\ dfYZYffYX'hUg_/$

f&L:h\Y:h|hY:cZh\Y:hYI hfgL:UbX#cf:Yj YbhfgL:mci :k]``VY:UbU`mg]b[:fd`YUgY:W\ccgY:Zfca :h\Y``]ghcZWUgY ghi X]Yg`dfcj]XYX:]b`WUggL/

fl Łigca YicZh\Yi_YmWcbhYa dcfUfmi]ggi YgiUbXiUfh]gh]WghfUhY[]Ygimci idiUbihciUXXfYggiUbXik \m/

 $f(\pm U^*)ghcZh(fY'fYUX)b[g']b'UXX]h]cb'hc'h(Y'WcifgYfg'a UbXUhcfm'UbX'fYWcaaYbXYX'fYUX]b[g'h(UhmciVY')YjY'K]^*VY'fY'Yj Ubhhc'mcif'YggUm'$

: cf⁻Z fh\Yf⁻]bZcfa Uh]cbž'd`YUgY⁻gYY⁻A ccX`Y"

 $\label{eq:higher} \mbox{Hi fb]h]b'gYh]b[.'H\]g'gg][ba Ybh]g'gi Va]hhYX'h\fci [\'Hi fb]h]b'UbX'gh XYbhg'Xc'bchgYY'Hi fb]h]b g]a]'Uf]hmfYdcfhg''$

5ggYgga Ybh'& '9ggUm

GhUfhXUhY. Bch5dd`]WUV`Y

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8YHJ]`g.

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Gh XYbhg Wca dufyž Wcbhfughž UbX UbU mgY _YmdYfZcfa UbW WugY gh X]Yg

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H\Y`A U'cf'9ggUmf&z\$\$\$!&z) \$\$`k cfXgŁ']g`hc`VY`gi Va]hhYX`j]U'Hi fb]hjb`Vm: f]XUmž'&:5df]``&\$&%']b`K YY_'+ UbX`]g`k Y][\hYX`Uh) \$`dYfW'bh'`Mci `k]``fYWY]j Y`Zcfa Uhjj Y`UbX`gi a a Uhjj Y`ZYYXVUW_j]U'Hi fb]hjb`k]h\]b hk c`k YY_g`cZgi Va]gg]cb"

Mci a i ghgY`YWhicbYicZh\Y`Zc``ck]b['lk c'UbU`mf]WU``lUg_g'Zcf'mci f'9ggUm

 $9 + < 9F. `K f]hY`Ub`UbU`mg]g`cZCB9`cZh\Y`7 UgY`Ghi X]Yg`k]h\`fYZYfYbWY`hc`HK C`cZh\Y`Zc``ck]b[`Wf]h]WU`dYfgdYWf] Yg. `ZYa]b]ga `fcf`U`gdYWJZ]WghfUbX`cZZYa]b]ga \{'dcgh\k`cb]U`]ga `cf`XYWc`cb]U`]ga / dcgh\i a Ub]ga "$

CF.:K f]hY:Ub:UbU`mg]g`cZHK C`cZh\Y:7UgY`Gh X]Yg`k]h\`fYZYfYbWY`hc`CB9`cZh\Y`Zc``ck]b[`Wf]h]WU`dYfgdYWfj Yg.:ZYa]b]ga 'fcf'U'gdYWfZJWghfUbX'cZZYa]b]ga \{\dcgh\c`cb]U`]ga 'cf'XYWc`cb]U`]ga /dcgh\i a Ub]ga "

: cfZ fh\Yf]bZcfa Uh]cbžd`YUgY`gYY`A ccX`Y"

Gi Va]gg]cb bchYg. D`YUgY gYY A ccX`Y

Hi fb]h]b gYh]b[. `H\]g Ugg][ba Ybh]g gi Va]hhYX h\fci [\`Hi fb]h]b UbX gh XYbhg Xc bchgYY Hi fb]h]b g]a]`Uf]hmfYdcfhg"

5ggYgga Ybh' ; fci d DYfZcfa UbWY

GhUfhXUhY. Bch5dd`]WUV`Y

8YHJ]`q.

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K cfX "Yb[h\#8i fUh]cb. "%\$ a]bi hYg

Gh XYbhg WcbW] YžXY j]gYžUbX XY] Yf U g\cfhdYfZcfa UbW

'\$!dYfWbh

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#Diga U```[fci dgžmci ik]``WfYUhY`U'%\$!a]bi hY`dYfZcfa UbWY`hc`VY`g\UfYX`k]h\`h\Y`fYghcZh\Y`WUgg`]b`K YY_%\$"Fi Vf]W]bX]WUh]b[``Yj Y``cZ'dYfZcfa UbWY`U[U]bghYUWX`UggYgga YbhWf]hYf]Užkf]hHYb`Zcfa Uh]j Y`ZYYXVUW_žUbX`dYfWYbhU[Y`[fUXY"``GY`ZYj U`i Uh]cb`UbX`dYYf`fYj]Yk`]g`hU_Yb`]bhc`UWWci bhUbX`a UmfYgi `h`]b`Ub]bX]j]Xi U``a Uf_'VY]b[`[]j Yb`]bghYUX`cZU'[fci d`a Uf_']b`WJgYg`cZX]gWfYdUbhWcblf]Vi h]cb"

: cfZ fh\Yf]bZcfa Uh]cbžd`YUgY`gYY`A ccX`Y"

5 hyb XUb WY F Yei]fYa Ybhg

5 thY b X U b W 'U h U ``@Y W i f Y g `U b X `H i hcf] U `g `] g `a U b X U hcfm] b `th] g `Wci fg Y `U g 'th Y m U f Y `X] f Y W hm U g g c W] U h Y X `k] h \ 7 c i fg Y `@Y U f b] b [`C i h Wca Y g " `` = Z U g hi X Y b h Z J] `g `hc `U th Y b X `k] h \ c i h [c c X `W U i g Y `th Y `W U g g `] b `k \] W `th Y] f `[f c i d] g `d f Y g Y b h] b [`th Y] f `d Y f Z c f `U g g Y g g a Y b h z `th] g `k] `` `V Y `Wci b h Y X `U g `U `b c b ! g i Va] g g] c b `c Z 5 g g Y g g a Y b h z `th] c `th Y] f `d Y f Z c f `U g g Y g g a Y b h z `th Y `U g `U `b c b ! g i Va] g g] c b `c Z 5 g g Y g g a Y b h z `th Y `U g `U `b c b ! g i Va] g g] c b `c Z 5 g g Y g g a Y b h z `th Y `U g `U `b c b ! g i Va] g g] c b `c Z 5 g g Y g g a Y b h z `th Y `U g `U `b c b ! g i Va] g g] c b `c Z 5 g g Y g g a Y b h z `th Y `U g `U `b c b ! g i Va] g g] c b `c Z 5 g g Y g g a Y b h z `th Y `U g `U `b c b ! g i Va] g g] c b `c Z 5 g g Y g g a Y b h z `th Y `U g `U `b c b ! g i Va] g g] c b `c Z 5 g g Y g g a Y b h z `th Y `U g `U `b c b ! g i Va] g g] c b `c Z 5 g g Y g g a Y b h z `th Y `U g `U `b c b ! g i Va] g g] c b `c Z 5 g g Y g g a Y b h z `th Y `U g `U `b c b ! g i Va] g g] c b `c Z 5 g g Y g g a Y b h z `th Y `U g `U `b c b ! g i Va] g g] c b `c Z 5 g g Y g g a Y b h z `th Y `U g `U `b c b ! g i Va `I

#i]g'h\Y'fYgdcbg]V]`]lmcZYUW\'ghi XYbhhc'a U_Y'gi fY'h\YmY]h\Yf``c['cb'hc'Ncca 'fIcf'h\Y'`YWhi fYŁ'cf'g][b'h\Y WUgg'fc```fIcf'h\Y'h' hcf]U'Ł"'-ZU'ghi XYbh]g'i bUV`Y'hc'UhYbX'U'WUggž'h\Ymg\ci `X']bIcfa 'h\Y'7 cbj Ybcfž dfYZYfUV`m]b'UXj UbWY'cZh\Y'WUgg"'K\YfY'fY`Yj Ubhž'gi ddcff]b['XcW'a YbhUh]cb'g\ci `X'VY'dfcj]XYX'Ug gccb'Ug'dcgg]V`Y"'8i f]b['h\Y'dfYdUfUhcfmdYf]cX'Icf'h\Y'; fci d'DYfIcfa UbWY'fK YY_g', ž-'/'%\$ŁZghi XYbhg g\ci `X'U`gc']bIcfa 'h\Y'ghi XYbh: UW]jhUhcffgŁ']b'h\Y]f'[fci d"'

7ci fgY'GWXYXi `Y

J]Yk 'WUgg'ha YHJV'Y

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8 UhY	HmdY	7 cbhYbh
K YY_'%'%)': YVfi Ufm'!'%- : YVfi Ufm	@YWn fY	K YX'%+'A UfW\ž'%Ua !%da ž'C b`]bY
		@YWi fYf. 8f.7Ufc`]bY.K U_Y
		H\YUlfY`]b`Cif`H]aYg.`DfUWfJWY:/`H\Ycfm
	Hi hcf]U`	H\i fg'% ': YVž'‱!&da ž'K YVghYf'' ' &
		<pre>#blfcXi Wfjcbg*UbX*X]gW gg]b['h\YUlfYfg*fY`Ulfjcbg\]d hc ci f*hja Yg*UbX*hc*h\YcfmUbX*j]WV j YfgU"*9I d`cfUlfjcb*cZYggUmWJgY*ghi XmhYI hg*UbX Yj Ybhg"</pre>
K YY_'&.'&&': YVfi Ufm!'&* : YVfi Ufm	@YWhifY	K YX'&(': YVž'%Ja !%da ž'C b`]bY
		@YWi fYf. 8 f 7 Ufc`]bY K U_Y
		: Ya]b]ga . H\Ycfmi
	Hi hcf]U`	H\i fg`&) : YVž'‱!&da ž'K YVghYf'' ' &
		C bY`\ci f`X]gW gg]b[`fYUX]b[g/cbY`\ci f`cZ dYfZcfa UbW YI YfW]gYg"
K YY_'' .'%'A UfWX'!') A UfWX	@YWhifY	K YX'' 'A UfW\ž'%\Ja!%da ž'C b`]bY
A OTVM		@YWhi fYf. '8 f'7 Ufc`]bY'K U_Y
		: Ya]b]ga . '7 UgY 'Gh X]Yg
	Hi hcf]U`	H\i fg'('A UfW\ž'%&!&da ž'K YVghYf'' ' &
		C bY`\ci f`X]gWigg]b[`dYfZcfa UbWi`WUgY`ghi X]Yg/cbY`\ci f`cZdYfZcfa UbWi`YI YfW]gYg"
K_YY_'(.', 'A_UfW\'!'\&	@YWhi fY	K YX % A UfW ž %Ua ! %da ž C b`]bY

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		DcgH`UbX`8Y!Wc`cb]U`]ga .`H\Ycfm
	Hi hcf]U`	H\i fg`%%'A UfVXž'%&!&da ž'K YVghYf`'' &
		C bY `\ci f`X]gW gg]b[`fYUX]b[g/cbY `\ci f`cZ dYfZcfa UbVW `YI YfV]gYg"
	5ggYgga Ybh	5ggYgga Ybh'% 9ggUm'D`Ub
		8 i Y´j]U´Hi fb]h]b´Vm′‱) - da `cb´: f]´'&`A UfW\´]b K YY_`(
K YY_').'%)'A UfVX'!'%- A UfVX	@YWhi fY	K YX'%+'A UfVXž'%Ja !%da ž'C b`]bY
		@YWn fYf. '8 f'7 Ufc`]bY'K U_Y
		Dcgh:'UbX'8Y!Wc`cb]U`]ga . '7 UgY'Gh X]Yg
	Hi hcf]U`	H\i fg`% `A UfVXž`%&!&da ž`K YVghYf`' ' &
		C bY`\ci f`X]gW gg]b[`dYfZcfa UbWY`WUgY`gh X]Yg/ cbY`\ci f`cZdYfZcfa UbWY`YI YfW]gYg"
K YY_'*.'&&'A UfW\'!'&* A UfW\	F YUX]b[K YY_`*`]g`: `YI`K YY_ž]"Y"`h\YfY`UfY`bc``YWiffYg`cf hi hcf]U`g"`I gY`h\Y`h]a Y`hc`WUhW\`i d`cb`fYUX]b[gž Z]b]g\`h\UhYggUmžUbX`XfYUa`i d`gca Y`ci hUbX]g\]XYUg`Zcf`mci f`Z]bU``dYfZcfa UbWY`
K YY_'+.'&-'A UfVX'!'& 5dfì	@YVVi fY	K YX'' %'A UfVXž'%'Ja !%da ž'C b`]bY
July		@YWn fYf. 8f7 Ufc`]bYK U_Y
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	Hi hcf]U`	H\i fg'%'5df]`ž'%&!&da ž'K YVghYf'' ' &
		C bY '\ci f'X]gW gg]b['dYfZcfa UbW' 'WUgY 'ghi X]Yg/ cbY '\ci f'cZdYfZcfa UbW' 'YI YfW[gYg"
	5ggYgga Ybh	5ggYgga Ybh&9ggUmf) \$1 Ł
		8 i Y 'j]U 'Hi fb]h]b 'Vm'%%) - da 'cb': f] '& '5df] ``]b 'K YY_ +
K_YY_`, .`)	@YWhifY	K YX'+'5df]'ž'%Ja!%da ž'Cb`]bY
		@YWn fYf. 8 f 7 Ufc`]bY K U_Y
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	F YUX]b[H\i fg', '5df]'ž'‰!&da ž'K YVghYf'' ' &
		C bY '\ci f'X]gW gg]b['dYfZcfa UbWY 'WUgY 'gh X]Yg/cbY '\ci f'cZdYfZcfa UbWY 'Yl YfW]gYg
K_YY_'''&'5df]`'!'%* 5df]`	Gh X]c	K YX'%('5df]`ž'%*Ua !%da ž'j Ybi Yg'hVW
Juli		: UWj^jHUhcfg. 8f^AY[^AiaZcfX

		FY\YUfgU``Zcf'; fci d'DYfZcfa UbW
	Gh X]c	H\i fg`%) `5df]`ž`‰!&da ž`K YVghYf`' ' &
		FY\YUfgU``Zcf'; fci d'DYfZcfa UbW
K YY_'%\$.'%-'5df]`'!'&'	5ggYgga Ybh	K YX %%5df] ž % Wa ž j Ybi Y hVW
[5df]`		: UW]^]hUhcfg. '8 f'A Y['A i a ZcfX'UbX'8 f'7 Ufc`]bY K U_Y
		; fci d'DYfZcfa UbWY'DfYgYbHJH]cbg
	Hi hcf]U`	H\i fg`&&`5df]`ž'‱!&da ž'K YVghYf`' ' &
		8]gW gg]cb cZ[fci d dYfZcfa UbWg UbX ZYYXVUW_ Zcfi a cb 5F HG&&%Wi fgY

F Yaci fWya

DfYgWf]VYX F Ygci fWYg

 $H\Y'gYhfYUX]b[g'UfY'Uj'U]`UV`Y']b'h\Y'WcifgY'AccX`Y'g]hY'UbX'j']U'h\Y'IBGK'aU]b'``]VfUfm''H\YfY']g'bcGh'Xm'?]h'Zcf'h\]g'WcifgY''$

FYWca a YbXYX FYgci fW/g

H\Y`fYWca a YbXYX`fYUX]b[g`UfY`Uj U]`UV`Y`]b`h\Y`Wci fgY`A ccX`Y`g]hY`UbX`j]U`h\Y`I BGK `a U]b``]VfUfm'Gh XYbhg`UfY`U`gc`YbWci fU[YX`hc`WXYW_`h\Y`I BGK `@]VfUfmfg`H\YUhfY`UbX`DYfZcfa UbWY`Gi V`YWh; i]XY,`\hd.#gi V`YWf[i]XYg"`]VfUfm'i bgk "YXi "Ui #Ufhg#\YUhfYZ

: cfiZ fh\Yfigh XmifYgci fV\ygžgYY'U`gcih\Y'l BGK '@]VfUfmfigiGh XmidU[Y.`\hdg.#k k k "`]VfUfmfii bgk "YXi "Ui #qh Xm

7ci fgY 9j U`i Uhcb UbX 8Yj Y`cda Ybh

K Y`k Y`Wca Y`Wcbghfi Whj Y`ZYYXVUW_`bchcb`mUhh\Y`WcbWi g]cb`cZh\Y`Wci fgYžVi h'U`gc`Ug`k Y`[c`U`cb["D`YUgY`ZYY``ZYYY`hc`Ya U]``h\Y`Wci fgY`Wcbj Ybcfž8f`7 Ufc`]bY`K U_Y`fWk U_Y4 i bgk "YXi "Ui Ł'k]h\`dfcV`Ya gž gi [[Ygh]cbg`UbX`]XYUg`Ubmh]a Y"`5hh\Y`YbX`cZh\Y`Wci fgY`k Y`k]```]bj]hY`mci 'hc`dfcj]XY`ZYYXVUW_`i g]b[I BGK fij`Wci fgY`YI dYf]YbWY`gi fj Ym'

A Ubm'UgdYWg`cZh\]g`Wci fgY`UfY`h\Y`fYgi `hcZ]bbcj Uf]j Y`ghi XYbhZYYXVUW_`Zfca `dfYj]ci g`mYUfg": cf Yl Ua d`Yž'h\Y`bi a VYf`UbX`[YbfY`cZWUgY`ghi X]Yg`]b`h\]g`Wci fgY`\Ug`VYYb`W\Ub[YX`]b`fYgdcbgY`hc`ghi XYbh ZYXVUW_"

Gi Va]gg]cb cZ5ggYgga YbhHUg_g

Hi fb]h]b Gi Va]gg]cb

#mci 'YbWci bhYf'U'dfcV'Ya 'k \Yb'UthYa dhJb['tc'gi Va]hmci f'Ugg][ba Ybht\fci [\'Hi fb]hJbž'd'YUgY
hY'Yd\cbY'9| hYfbU'Gi ddcfhcb'-',) '''' %cf'Ya U]''h\Ya 'cb'Yl hYfbU'hY'hgi ddcfh4 i bgk "YXi "Ui '"'Gi ddcfh
\ci fg'UfY', .\$\$Ua '-'%\$.\$\$da 'cb'k YY_XUmg'UbX'-.\$\$Ua '-').\$\$da 'cb'k YY_YbXg'fl *) 'XUmg'U'mYUft\"'#c'i'#c'i'
UfY'i bUV'Y'hc'gi Va]hmci f'Ugg][ba YbhXi Y'hc'U'ZUi 'hk]h\ 'Hi fb]hJb'mci 'a Um'Udd'm\Zcf'Ub'Yl hYbg]cb\ZVi hmci
a i ghfYhU]b'mci f'hJ\W_Yhbi a VYf'\Zfca '9| hYfbU''Gi ddcfhfU'cb['k]h\ 'Ubmch\Yf'fY'Yj UbhXcW a Ybhgthc
]bWi XY'Ug'Yj]XYbW''hc'gi ddcfhmci f'Yl hYbg]cb'Udd']\WUh]cb'''#c''' Zmci 'Ya U]''9| hYfbU''Gi ddcfhmci 'k]'`

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

D`U[]Uf]ga i]gii g]b[ih\Yik cfXgicfi]XYUgicZch\YfgiUbXidfYgYbh]b[ih\Ya iUgimci fick b"i=hWJbihU_Yia Ubm Zcfa gžZfca iXYi]VYfUhYiWXYUh]b[ihciUWW]XYbhU`mWcdm]b[iZfca iUigci fWYik]h\ci hiUW_bck iYX[Ya Ybh'

IBGK [fcidg'd'U[]Uf]ga]bhc'h\Y'Zc``ck]b['WUhY[cf]Yg.

• i bXYfgHJbX'mci f'f][\hg'UbX'fYgdcbg]V]`]h]Yg'Ug'U'gh XYbh'Uhil BGK

5 WUXYa]W + DZcfa Uh]cb

: cf'YggYbhJU`ghi XYbh']bZcfa UhJcb'fY`UhJb['hc.

- fYei Yghg Zcf Yl hYbg]cb/
- `UhY 'gi Va]gg]cbg'[i]XY`]bYg/
- fYj]Yk 'cZa Uf_g/I BGK '<YU'h\ 'UbX'GUZYhmdc']W]Yg/