

8 mb Ua c '8 fYgXYb 'Xca]b]Yfh']a 'HYghgd]Y`. +.\$!G]Y['VY[Y]ghYfh': Ubg°

8 mbUa c'8 fYgXYb'[Yk]bbh'ØVYfnYi [YbX'Y]b'HYghgd]Y`a]h +.\$"'5`'Un'7 UgUf'i bX'8 ca]b]_'?ch\Yf'ØVYfnYi [Yb'a]h aY\fYfYb'HcfYb"



8fYgXYbž'8Yi hgW `UbX'!'BUW\'Y]bYa '[Y[`ØW_hYb'5i ZhU_h']bg
HYghgd]Y``\Uh'8mbUa c'8fYgXYb']b'Y]bYa ': fYi bXgW\UZhggd]Y`
[Y[Yb'XYb': 7'H\Øf]b[Yb'K Y]XU'Ui Z\cfW\Yb'`UggYb''A]h'Y]bYa
VYY]bXfi W_YbXYb'+.\$'gYhnhY'g]W\'X]Y'A UbbgW\UZh'j cb'HfU]bYf
A Uf_i g'?Ui Wh]bg_]'__`Uf'Xi fW\''6YfY]hg']b'XYf'YfghYb'<U`VnY]h
nY][hYb'X]Y'8mbUa c!DfcZ]g']\fY'8ca]bUbn'Ui Z'XYa 'D`Uhn'i bX
ØVYfbU\a Yb'gW\bY``X]Y'?cbhfc``Y'ØVYf'XUg'; YgW\Y\Yb''5`'Un
7UgUf'YfÒZZbYhY']b'XYf'%' "'A]bi hY'a]h'Y]bYa '[YgW\]W_hYb'<YVYf
j cb'&bUg'CY\a]W\Yb'XYb'HcffY][Yb'i bX'gcf[hY'ZØf'_fÀZh][Yb
5dd`Ui g'i bhYf'XYb': Ubg"

⇒ 'XYf'%- "'A]bi hY'k Uf'Yg'XUbb'7\f]ghcd\'8 UZYfbYfž'XYf'bUW\
Y]bYf'dfÀn]gYb': `Ub_Y'j cb'5`Yl UbXYf'Fcgg]dU`'dYf'?cdZVU``'Ui Z

&.\$'Yf\O\hY"'>Jb!<YbXf]_'A Ufl'']Y» 'Yg'g]W\'b]W\h'bY\a Ybž']b'XYf
&-"'A]bi hY'a]h'Y]bYa 'gdY_hU_i 'ÀfYb': fY]ghc» 'Ui g'&\$'AYhYfb'XUg
'.\$'ni 'Yfn]Y`Yb"'8cW\'XUg'k Uf'bcW\'b]W\h'U``Yg.'\D'XYf'' ' "'A]bi hY
j Yfk UbXY`hY'7UgUf'Y]bYb'GhfUZghc» 'i bX'Yf\O\hY'Ui Z'(.\$ž
bUW\XYa 'Yf']a '[Y[bYf]gW\Yb'GhfUZfUi a '[YZci `h'ki fXY"'8Yf
<U`VnY]hghUbX'j cb'(.\$'gd]Y[Y`hY'X]Y', VYf`Y[Yb\Y]h'XYf'8mbUa c!
9`Z'k]XYf"

8ca]bUbn'ØVYf'X]Y'[YgUahY'Gd]Y`nY]h

 $= a \cdot \text{nk Y} \cdot \text{hYb'8i fW} \cdot \text{Ub['k YWkgY'hY'X]Y'[YgUa hY'A UbbgWkUZh'j cb'] } \\ \text{GWk k Ufn!; Y'V'i bX'X]Y'C ZZYbg]j Y'V']YV'i bj Yfa]bXYfh''8ca]b]_ \\ ? \text{ch\Yf'nY} \cdot \text{[hY'g]Wk'['Y]Wk'XcddY'h'hfYZZg]WkYf. Ni bAWkgh'Yfn]Y'hY'Yf' } \\ \text{b'XYf'*, ''A]bi hY'XUg') . $ 'bUWk'Y]bYf': `Ub_Y'j cb'FcV]b'AY] * bYf'' \\ \text{bX'Ui Wk']b'XYf', %''A]bi hY'k Uf'Yf'ni f'GhY'`Yž'i a 'bUWk'Y]bYf'9W_Y \\ \text{Ui Z'*.} \cdot \text{ni 'Yf\O\Yb''8Yb'GWk'i ggdi b_h'gYhnhY': f]YXf]Wk'A \@'`Yf']b } \\ \text{XYf', } \cdot \text{"A]bi hYž'U'g'Yf'XYb'9bXghUbX'j cb'+.$'a Uf_]YfhY'i bX'XUa]h } \\ \text{Y]bYb'_fObYbXYb'5VgWk'i gg'Ub'Y]bYa''[Y'i b[YbYb': i * VU'`hU[gYhnhY''']b' NhY''']b' NhY''' } \\ \text{Y} \cdot \text{$

8]Y'Gd]Y`Yf'ghUbXYb'bUW\'XYa'Gd]Y`'ZØf'5i hc[fUa a Y'i bX': chcg ni f'JYfZØ[i b[ž'k Ug'VY]'XYb': Ubg'ZØf'6Y[Y]ghYfi b['gcf[hY"'9]b [fc»Yg'8Ub_YgW\Òb'[]b['Ub'XYb': 7'H\Øf]b[Yb'K Y]XU'ZØf'X]Y Cf[Ub]gUh]cb'X]YgYg': i » VU``ZYghYgž'XUg'b]W\h'bi f'gdcfh`]W\ž gcbXYfb'Ui W\'Ya ch]cbU``Y]b'j c``Yf'9fZc`['k Uf"

8 mb Ua c '8 fYgXYb ']b 'XYf '@][U

 $8 \ Yf'Y]b \ Xfi \ W_gj \ c \ ``Y' \ HYghgd]Y \ `Ui \ ZhU_h' Zc \ `[h'Ui \ Z'Y]b Y' ghUf_Y' GU]g c b \]b \ `XYf'' \ "'@][\ U' \& $ \& (\# \& $ \&) \ \check{z}']b \ `XYf' 8 \ mb \ Ua \ c \ '8 \ fYg XYb \ `XYb \ 'nk \ Y]hYb \ D`Uhn'Y]b b]a \ a \ h'' 8 \]Y' 6]` Ub n' _Ub b' g]W \ 'gY \ Yb \ ``UggYb . `A \]h' & $'G]Y[Yb \ Ui g'' , 'Gd]Y \ `Yb' \ UVYb' X]Y' GW k \ Ufn!; \ Y` VYb' + $'Di b_hY' [YgUa a Y'h i b X' XUVY]' + %'Hc fY' Yfn]Y \ `h\check{z}'k \ A \ fYb X'g]Y' bi f' ($'; Y[YbhfY ZZYf ni `]Y \ Yb'' A \]h'Y]b Yf' Di b_hY Ui gVYi hY' j cb'', ('dfc' Gd]Y \ `'i b X'Y]b Yf \ VYUW h`]W Yb' G]Y[ei chY' j cb'') & "*' \ i ']gh' XYf' 5 i Zgh]Y[']b' X]Y b AW gh\ O\ YfY'@][U'[fY]ZV Uf' b U\ Y''$

 $6 YgcbXYfg`]b`XYf`YfghYb`< U`VnY]h`XYf`GU]gcb`` \UVYb`X]Y`8 fYgXbYf$

a]h'%%'G]Y[Yb'Ui g'%-'Gd]Y`Yb'i bX'' - 'Di b_hYb'ØVYfnYi [h''Gc']gh Yg'_Y]b'K i bXYfž'XUgg'X]Y'5b\Àb[Yf'bcW\'cdh]a]gh]gW\Yf'Ui Z'X]Y bÀW\\qhYb'<YfUi qZcfXYfi b[Yb'V`]W_Yb"

8]Y'U_hi Y``Y'HUVY``Y'XYf'' "'@][U'nY][h'X]Y'Dcg]h]cb'j cb'8mbUa c8fYgXYb.

D`Uhn	A UbbgWX UZh	Gd]Y`Y	Di b_hY
%	5fa]b]U	1	+&
	6]Y`YZY`X		
&	8 mb Ua c	1	+\$
	8 fYgXYb		
ı	: 7	1	*)
	GUUfVfØW_Yb		
(9bYf[]Y	1	* &
	7 chhVig		
)	: "7" < UbgU	1	* \$
	FcghcW_		
*	J]_hcf]U'?Ò`b	1) -

A]h'X]YgYf'ghUf_Yb'@Y]ghi b[']a 'HYghgd]Y`i bX'Y]bYf'gc`]XYb'GU]gcb
]a 'FØW_Yb'g]bX'X]Y'9fk Ufhi b[Yb'\cW\ž'XUgg'8 mbUa c'8 fYgXYb
X]Y'bÀW\ghY'<YfUi gZcfXYfi b['YfZc`[fY]W\'a Y]ghYfb'k]fX"'8]Y': Ubg
XØfZYb'g]W\'Ui Z'gdUbbYbXY'Gd]Y`Y'ZfYi Yb'': Øf'a Y\f'BYk g'fi bX
i a 'X]Y'A UbbgW\UZh'gW\Ui h'Yi W\'Ui W\'X]Y'6Yf]W\hY'Ui Z'8 mbUa c
8 fYgXYb'i bX'X]Y'GhUh]gh]_Yb'Ui Z': 7 GhUhg'Ub''

8 Y hU]`g	
Cfh	8 fYgXYbž'8 Yi hgWX`UbX
EiY``Yb	• k k k "XmbUa c!XfYgXYb"XY
	XY"ZWghUhg"Wca

6 Ygi W Yb 'G]Y 'i bg 'Ui Z 'b!U["bYh