

K ØhYbXYf'6fi XYf'\À`h'GWk YghYfk À\fYbX': U\fh'Ui Z'6&, 'X]Y'5i [Yb'ni °

9]b" %! À\f][Yf"]b"BYi!l `a `\À`h'gY]bYf'GWkkYghYf'k À\fYbX XYf": U\fh'X]Y"5i [Yb"i bX"XYb"A i bX 'ni ž'VYj cf"Yf ZYgh[Ybca a Yb"k]fX"



BYi !I `a ž8Yi hgW `UbX '! '9]b 'gW\cW_]YfYbXYf' J cfZU```YfY][bYhY g]W\ 'Ua 'GcbbhU[UVYbX'Ui Z'XYf'6&, ž'U`g'Y]b'' '%! *À\f][Yf'k À\fYbX XYf': U\fh'gY]bYf'' (! 'À\f][Yb 'GW\k YghYf'X]Y '5i [Yb 'i bX'XYb'A i bX ni \]Y`h"'8]Yg'[YgW\U\ž_i fn'VYj cf'X]Y'I \f'A]hhYfbUW\h'gW\`i [ž'U`g X]Y'VY]XYb'; YgW\k]ghYf'Ui Z'XYa 'K Y['ni 'Y]bYa '5i hcVU\bXfY]YW_]b'<]hh]ghYhhYb'k UfYb"'Ni j cf'\UhhY'X]Y'GW\k YghYf']\fYb'6fi XYf j cb'XYf'Dc`]nY]']b'BYi !I `a 'UV[Y\c`hžk c'[Y[Yb']\b'VYfY]hg'Y]bY GhfUZUbnY][Y'k Y[Yb'X]j YfgYf'; Yk U`hXY`]_hY'j cf`U[ž'k]Y' 5i [gVi f[Yf'5``[Ya Y]bY'VYf]W\hYh'

±b 'Y]bYa 'A ca Ybh'XYf'K i h'j Yf\]bXYfhY 'XYf'6fi XYfž'XUgg'gY]bY GWk YghYf'a]h'Y]bYa 'Bchfi Z'X]Y 'Dc`]nY]'U`Ufa]YfhYž']bXYa 'Yf']\f X]Y '5i [Yb 'i bX'XYb 'A i bX'ni ni XfØW_hY"'8]Y 'j Yfnk Y]ZY`hY ': U\fYf]b _cbbhY`XYb`D_k`gW\`]Y \gg `]W\`Ui Z`XYb`GY]hYbghfY]ZYb`ni a `Gh]``ghUbX Vf]b[Yb"; `ØW_`]W\Yfk Y]gY`k i fXY`XYf`K U[Yb'j cb'Y]bYf j cfVY]_ca a YbXYb`GhfY]ZY`XYf`J Yf_Y\fgdc`]nY]'; ØbnVi f[[Yg]W\Yfhž`X]Y`XYb`6fi XYf`ZYghbU\a "`8Yf'' %! \rightarrow \f][Y`k i fXY`XYf Dc`]nY]']b`BYi !I `a `ØVYf[YVYb`i bX`XUfUi Z\]b`]b`Y]bY dgmW\]Uhf]gW\Y': UW_`]b]_`[YVfUW\h"

DgmW]Uhf]gW Y 6Y \ Ub X `i b['i b X 'fY W h`]W Y ? cbgYei YbnYb

 $8]Y ??`]b]_`ZØf`: cfYbg]gWX Y`DgmWX]Uhf]Y`i bX`DgmWX ch\YfUd]Y`]b ; ØbnVi f[z`X]Y]b`? ccdYfUh]cb`a]h`XYa il b]j Yfg]hAhg_`]b]_i a il `a UfVY]hYhz`k]fX`g]WX`XYf`6Y\UbX`i b[`X]YgYf`5fh'j cb`DUh]YbhYb UbbY\a Yb''`<]Yf``]Y[h`XYf`: c_i g`Ui Z`dgmWX]gWX`_fUb_Yb`cXYf gi WX h_fUb_Yb`GhfUZhAhYfbz`i a `g]WXYfni ghY``Ybz`XUgg`j cb`]\bYb _Y]bY`; YZU\f`ZØf`X]Y`; YgY``gWX UZh`Ui g[Y\h''8 Ug`VUmYf]gWXY GhUUhga]b]ghYf]i a `ZØf`5fVY]hz`Gcn]U`Ygz`: Ua]`]Y`i bX`<math>\Rightarrow$ bhY[fUh]cb \Uh`X]YgYf`?`]b]_`XYb`5i ZhfU[`ni f`6Y\UbX`i b[`YfhY]`hz`i bX`g]Y UfVY]hYh'i bhYf`\c\Yb`GhUbXUfXgz`X]Y`Xi fWX`X]Y`8 Yi hgWXY ; YgY``gWX UZh`ZØf`DgmWX]Uhf]Y`i bX`DgmWX ch\YfUd]Y`f8; DDB Ł ZYgh[Y`Y[h`g]bXz`k]Y`I b]_`]b]_`I `a `Yf_`Afh''

6Y] dgmWk]gWk '9f_fUb_hYb']gh'ni 'VYUWk hYbž'XUgg'g]Y'b]Wk h
[fi bXgÀhn`]Wk '[YZÀ\f`]Wk Yf'g]bX'U`g'[Ygi bXY'A YbgWkYb"
5``YfX]b[g'_Ubb'Ygž']bgVYgcbXYfY']b'J YfV]bXi b['a]h
8fc[Yba]ggVfUi Wkž'ni 'U[[fYgg]j Ya 'J Yf\U`hYb'_ca a Yb"'8]YgY
_ca d`YI Yb'I a ghÀbXY'ZØ\fYb'cZh'ni 'A]ggj YfghÀbXb]ggYb']b'XYf
2 ZZYbh`]Wk_Y]h'ØVYf'X]Y': c`[Yb'j cb'GhfUZhUhYb'i bX'XYf
6Y\UbX`i b['XYf'HÀhYf"'<Ài Z]['k]fX'XUg'A U» fY[Y`j YfZU\fYb'U`g
i bni fY]WkYbXY'6YghfUZi b['k U\f[Ybca a Ybž'k Ug'ni '?f]h]_'ZØ\fhž
XUgg'DUh]YbhYb'i bUb[Ya YggYb'`Ub[Y' k Y[[YgdYffh 'k YfXYbž'k]Y
X]Y'8; DDB']b'a Y\fYfYb'J YfÒZZYbh`]Wki b[Yb'VYhcbh`\Uhž'n"6"']b
Y]bYa '6Yf]Wkh'ØVYf'd gmWk]gWk' Yf_fUb_hY'GhfUZhÀhYf"

: Øf`XYb`U_hi Y``Yb`: U```_ÒbbhY`XYf`5i g[Ub[jcb'jYfgWX]YXYbYb : U_hcfYb`UV\Àb[Ybž'b]WXh'ni `Yhnh'jcb'XYf'dgmWX]Uhf]gWXYb 6Yi fhY]`i b['XYg'HÀhYfg"'8]Y`HUhgUWXYž'XUgg'gc`WXY'JcfZÀ``Y']b ?`]b]_Yb`Y`bUWX`GWXkYfY'XYf'HUh'i bhYfgWX]YX`]WX`VY\UbXY`h $k\ YfXYb\check{z}'nY][\ h'X]Y'Bchk\ YbX][\ _Y]h'Y]bYf'_`UfYb'[\ YgYhn`]WXYbFY[\ Y`ib['ibX'Y]bYf'YZZY_h]j\ Yb'6Y\UbX`ib[\check{z}'ia'ni_ØbZh][\ Y\ VYf[\ f]ZZY'ni'j\ Yfa\ Y]XYb''$

8 YhU]`g	
Cfh	BYi!I`až8YihgWX`UbX
EiY``Yb	• k k k "Ui [gVi f[Yf!U``[Ya Y]bY"XY
	• k k k "i b]_`]b]_!i `a "XY
	k k k "X[ddb"XY

6Ygi WXYb G]Y i bg Ui Z b!U["XY