

## Nk Ò`Z'À\f][Yf'i b[Y'Ui Z'NYVfUghfY]ZYbUb[YZU\fYb' 'Dc`]nY]'gi W\h'NYi [Yb'

9]b'%&!'À\f][Yf'\$|b[Y'kifXY']b'<UbbcjYf!8UjYbghYXh'jcbY]bYa',,!'À\f][Yb'5ihcZU\fYf'Ub[YZU\fYb"'Dc`]nY]'giW\h NYi[Yb"

<Ubbcj Yf!8Uj YbghYXhž'K cYfa UbbghfU» Yž'8Yi hgW\`UbX'!
5a 'A cbhU[ž'XYb'&- "'5df]`'&\$&) ž'YfY][bYhY'g]W\']b'<Ubbcj Yf!
8Uj YbghYXh'Y]b'J cfZU``ž'VY]'XYa 'Y]b'nk Ò`Z'À\f][Yf'\$ b[Y'Ui Z
Y]bYa 'NYVfUghfY]ZYb'Ub[YZU\fYb'k i fXY''@Ui h'Y]bYa '6Yf]W\h'j cb'
B8F 'gh]Y['XYf'\$ b[Y'[Y[Yb'%'.'\$'I\f'Ui g'Y]bYa '6i g'Ui g'i bX
k c``hY'X]Y'K cYfa UbbghfU» Y'@VYfei YfYbž'U`g'Y]b', , !'À\f][Yf
5i hcZU\fYf']\a 'j Yfa i h`]W\'a ]h'Y]bYa 'FUX'@VYf'XYb': i » 'fc``hY''
8Yf'\$ b[Y'Yf']hh'Y]W\hY'JYf'Yhni b[Ybž'k i fXY'YXcW\'i a [Y\YbX'
j Yfgcf[h'i bX']b'Y]b'?fUb\_Yb\Ui g'[YVfUW\h''Ni XYa 'gi W\h'X]Y
Dc`]nY]'bUW\'NYi [Yb'XYg'J cfZU``gž'i a 'k Y]hYfY'\$Zcfa Uh]cbYb'ni
gUa a Y`b''9]bY'?cffY\_hi f'XYf'i fgdf@b[`]W\Yb'6Yf]W\hYfghUhhi b[
ghY``hY'\_'Ufž'XUgg'XYf'J cfZU```b]W\h']b'6UXYbghYXhz'gcbXYfb']b
8Uj YbghYXh'ghUhhZUbX''</pre>

## I bZU``VYf]WXh'i bX'FY\_cbghfi \_h]cb

a 'Ni gUa a Yb\Ub[ 'a ]h'X]YgYa 'J cfZU``']gh'Yg'k ]Wkh][ ž'X]Y
6YXYi hi b[ 'Y]bYg'dfÀn]gYb'l bZU``VYf]Wkhg'ni 'VYhcbYb"'K ]Y'
; i hUWkhYf'F U]c`c'Yf`Ài hYfhž']gh'Yg'cZh'gWkk]Yf][ ž'XYb
I bZU``\Yf[ Ub[ 'bYi hfU`'XUfni ghY``Ybž']bgVYgcbXYfY'k Ybb'Yg'\_Y]bY
DYfgcbYbgWkÀXYb'[ ]Vh"'9]b'ghUbXUfX]g]YfhYf'l bZU``VYf]Wkh'\]`Zh
XUVY]ž'XYb'Ni gUa a Ybghc» 'ni 'fY\_cbghfi ]YfYb'i bX'\_Ubb'U`g
6YkY]g[ fi bX`U[ Y'X]YbYb"'K ]Wkh][ Y'♣Zcfa Uh]cbYbž'X]Y']b'Y]bYa
I bZU``VYf]Wkh'ZYgh[ Y\U`hYb'k YfXYb'gc``hYbž'i a ZUggYb
: U\fhf]Wkhi b[ Ybž'5i gk Y]Wka UbÒj Yf'i bX'fY`Yj UbhY

 $\label{lem:condition} $JYf_Y\fgnY]W\Yb"`9g'k ]fX'Ya dZc\`Ybž'Y]bYb'JcfXfi W_'ZØf $$ I bZU``VYf]W\hY']a 'GhfU» Ybj Yf_Y\fa ]hni ZØ\fYbž'i a ']a '9fbghZU`` [i h'j cfVYfY]hYh'ni 'gY]b"$ 

| 8 Y hU]`g     |                                            |
|---------------|--------------------------------------------|
| JcfZU``       | JYf_Y\fgi bZU``                            |
| Cfh           | < Ubbcj Yf!8Uj YbghYXhž'K cYfa UbbghfU» Yž |
|               | 8 Ying W. `Ub X                            |
| J Y f`Y hn hY | %                                          |
| EiY``Yb       | • k k k "bXf"XY                            |
|               | • [i hUWX hYf!fU]c`c"XY                    |

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. 'b!U[ "XY