

## 

 $8 ]Y'HØf_Y]'\_Aa dZh'\&\&\&) 'a ]h'g]b_YbXYb'Hcif]ghYbnU\ `Yb'ibX ghY][YbXYb'DfY]gYbž'k Ug'X]Y'6fUbW\Y']b'Y]bY'?f]gY'ghØfnh''$ 



 $Gc \cdot g]Y \land Yg \cdot a \quad ca \quad YbhUb \cdot ]b \cdot VY \cdot ]YVhYb \cdot N]Y \cdot Yb \cdot k \ ]Y \cdot 5bhU \cdot mUž \cdot 6cXfi \ a$  i  $bX \cdot = ghUbVi \cdot Ui \ g. \cdot 8cfh'i YfnY]WXbYb \cdot X]Y \cdot < chY \cdot g \cdot Y]bYb \cdot XYi \ h`]WXYb$ 

FØW\_[Ub['XYf'6i Wki b[Yb"'@Ui h'HfUj Y``UbX'Hci f'K cf`X'g]bX X]Y', VYfbUWkhi b[gdfY]gY'i bX'@YVYbg\U`hi b[g\_cghYb'ghUf\_Ub[Ygh]Y[Ybžk cXi fWk'X]Y'HØf\_Y]']\fYb'DfY]gj cfhY]`']a 'J Yf['Y]Wkni 'UbXYfYb'A]hhY`a YYfn]Y`Yb'k]Y'GdUb]Yb'i bX'; f]YWkYb`UbXj Yf`]Yfh"'9]bY': Ua ]`]Yž'X]Y']\fYb'I f`Ui V']b'XYf'HØf\_Y]'d`Ubhž'a i gg bi b'a]h'?cghYb'j cb'ØVYf'%) \$"\$\$\$'hØf\_]gWkYb'@]fU'fWU"'' "+)\$'I G!8c``UfŁ'fYWkbYbž'k Ug']a 'J Yf['Y]Wk'ni 'A\b`]WkYb'FY]gYb'bUWk; f]YWkYb`UbXž'X]Y'nk]gWkYb'%"-,\$'i bX'&"(-\$'I G!8c``Uf'\_cghYbž'Yf\YV`]Wk'YfqWkkYfh'k]fX"

## 9]b; YgYhn[Y[YbX]YFYWXhYXYf 5fVY]hbY\a Yf

8]Y'5fVY]hgVYX]b[ib[Yb'ZØf'Hcif]gaiga]hUfVY]hYf'\UVYb'g]W\
i bhYf'XYa'8fi W\_'XYf'?f]gY'YVYbZU``g'j YfgW\`YW\hYfh"'8]Y
hØf\_]gW\Y'FY[]Yfib['\Uh'XYb'[YgYhn`]W\Yb'5bgdfi W\'Ui Z'Y]bYb
ZfY]Yb'HU[']b'XYf'K cW\Y'ZØf'Hcif]gaiga]hUfVY]hYf'UV[YgW\UZZhž
k Ug'j cb'; Yk Yf\_gW\UZhYb'ibX'5fVY]hgfYW\h`Yfb'gW\UfZ\_f]h]g]Yfh
k]fX"'8]YgY'ŸbXYfib[ž'VY\_Ubbh'U`g' %\$Ž % ž'Yf`UiVh'Yg'XYb
A]hUfVY]hYfbž'nY\b'HU[Y'Ua'GhØW\_'ni'UfVY]hYbž'VYj cf'g]Y'Y]bYb
ZfY]Yb'HU['Yf\U`hYb"'8]Yg'k]fX'U`g' @Y[U`]g]Yfib['XYf'G\_`UjYfY]
VYnY]W\bYhž'k]Y'X]Y'? `Y]bY'NY]hib['UbaYf\_h'

 $8 ]Y `8 = 6?! J cfg]hnYbXY `\ Uh'VYfY]hg`Ub[Y_\emptysetbX][hžg]WX`[Y[Yb`X]Y ; YgYhnYgÀbXYfi b['j cf'XYa 'J YfZUggi b[g[Yf]WXh'ni 'k Y\fYbž'XU X]YgY`]\fYf`A Y]bi b['bUWX`X]Y`j YfZUggi b[ga À»][Yb`FYWXhY`XYf 5fVY]hbY\a Yf'j Yf`Yhnh''^2 ghYffY]WX]gWXY`FY]gYbXYž'X]Y`g]WX`ZØf Y]bYb`5i ZYbh\U`h']b`XYf`HØf_Y]`YbhgWXY]XYbž'gc``hYb`g]WX`XYf U_hi Y``Yb`G]hi Uh]cb`i bX`XYf`a <math>O[`]WXYb`5i gk]f_i b[Yb`Ui Z'X]Y$  GYfj ]WYei U`]hÀh`VYk i qgh'qY]b''

## 8fc\h'Y]bY'Hcif]gaig\_f]gY3

8]Y`Nk Y]ZY``Ub`XYf`Ni \_i bZh`XYg`hØf\_]gW\Yb`Hci f]ga i g`g]bX`[ fc»" @Ui h`N8: ž`ghY\h`X]Y`6fUbW\Y`Ui Z[ fi bX`XYf`FY\_cfX]bZ`Uh]cb`j cf Y]bYf`YW\hYb`?f]gY"`I bX`b]W\h`bi f`X]Y`DfY]gghY][ Yfi b[ Ybž`gcbXYfb Ui W\X]Y`I bni Zf]YXYb\Y]h`ØVYf`X]Y`E i U`]hÀh`XYf`8]Ybgh`Y]ghi b[ Yb

k ÀWk gh" J ]Y `Y '< chY`[ ÀghY '\_Y\ fYb '\ Ài Z][ ']b ']\ fY '5b`U[ Yb 'ni fØW\_ž i a 'XYb'\c\Yb'DfY]gYb']b'XYf' I a [ YVi b[ 'ni 'Ybh\_ca a Yb" 8 ]YgY 9bhk ]W\_`i b[ Yb'\_ObbhYb'VYXYi hYbž'XUgg'X]Y'HØf\_Y]']b'XYb \_ca a YbXYb'\*J\ fYb'b]Wk h'bi f'Ub'6Y`]YVh\Y]h'j Yf`]YfYbž'gcbXYfb Ui Wk'U`g'FY]gY`UbX'ghUf\_'ni fØW\_[ Y\Yb'\_ObbhYž'k Ybb'\]Yf'\_Y]bY fUgWkYb'FYZcfa Yb'[ fY]ZYb"

I a 'XYa '5Vk ÀfhghfYbX'Ybh[Y[Ybnik]f\_Ybž'ZcfXYfb'9IdYfhYb

⇒j Ygh]h]cbYb']b'X]Y' ⇒ZfUghfi\_hifž'XYb'?ibXYbgYfj]WY'ibX'X]Y
8]j Yfg]Z]n]Yfib['XYg'IbhYf\U`hib[gUb[YVchg"'Bif'gc'\_ÒbbhY'XUg
@UbX'k]YXYf'Y]b'UhhfU\_h]j Yg'FY]gYn]Y`'ZØf'Hcif]ghYb'k YfXYbž'X]Y
bUWX'9bhgdUbbib['ibX':fYiXY']a 'If`UiV'giWXYb"

8 Y hU]`g	
Cfh	5bhU`mUž'HØf_Y]
EiY``Yb	• k k k "_`Y]bYnY]hi b[ "Uh
	<ul><li>k k k "hfUj Y`Ub X hci fk cf`X"XY</li></ul>
	• k k k "nXŽ\Yi hY"XY

6Ygi WXYb 'G]Y 'i bg 'Ui Z. 'i bgYfY!\chY `g"XY