

## 

2 `gdi f']b'<cW\ghYhhYb!8\Ui b'V]g'?]fbYf'GhY]bVfi W\`
NYi [Yb'k YfXYb'[YVYhYbž'g]W\'VY]'XYf'Dc`]nY]'?]fb'ni
a Y`XYb°</pre>

 $5a \ "B \ UW\ a \ ] \ hhU[\ "XYg" \%" "GYdhYa \ VYf" \& \$\&(\ "k \ i \ fXY" X]Y" Dc `]nY]"]b"?]fb \ ni \ "Y]bYa \ "VYgcf[ b]gYffY[ YbXYb" J cfZU```U`Ufa ]Yfh "9]bY \ Ui g[ YXY\bhY"^2 `gdi f'k i fXY" YbhXYW_hž"X]Y" j cb "XYf" HUb_ghY``Y"]b \ < cW ghYhhYb! 8 \ Ui b "V]g"ni a "bU\Y[ Y`Y[ YbYb"?]fbYf"GhY]bVfi W \ fY]W\ hY""8]YgYg"9fY][ b]g"\Uhrb]W\ hrbi f'5i ZgY\Yb "YffY[ hž"gcbXYfb Ui W\ 'ni "Yfbgh\UZhYb"G]W\Yf\Y]hgVYXYb_Yb"Ui Z'XYb"GhfU» Yb [ YZØ\fh"$ 

8]Y'5`Ufa ]Yfi b['XYf'Dc`]nY]'YfZc`[hY'[Y[Yb'%\*.\$\$'I \fž'U`g
NYi [Yb'X]Y'[YZÀ\f`]W\Y'2`gdi f'VYa Yf\_hYb"'8]Y'9]bgUhn\_fÀZhY'XYf
Dc`]nY]'VY[UVYb'g]W\'i a [Y\YbX'ni f'6]b[Yf'@UbXghfU» Yž'VYggYf
VY\_Ubbh'U`g'@%, ' ž'i a 'X]Y'G]hi Uh]cb'ni 'VYi fhY]`Yb'i bX'YfghY
A U» bU\a Yb'ni 'Yf[fY]ZYb"'9g'ghY``hY'g]W\'gW\bY``\YfUi gž'XUgg'X]Y
Gdi f']\fYb'5bZUb['Ui Z'XYa '; Y`ÀbXY'Y]bYf'HUb\_ghY``Y'[Ybca a Yb\UhhY"'8]Y'2`gdi fž'X]Y'g]W\'ØVYf'a Y\fYfY'?]`ca YhYf'YfghfYW\_hYž
ZØ\fhY'XUni ž'XUgg'gcZcfh'X]Y'GhfU» Yba Y]ghYfY]'gck]Y'Y]b
gdYn]Y``Yg'2`VYgY]h][i b[gi bhYfbY\a Yb'\_cbhU\_h]Yfh'k YfXYb
a i gghYbž'i a 'X]Y': U\fVU\b'ni 'fY]b][Yb'i bX'gc'a Ò[`]W\Y
; YZU\fYb'ZØf'XYb'JYf\_Y\f'Ui qni qW\`]Y»Yb"

## 9fa ]hh`i b[Yb'ni f'l fgUWXY'XYf'2 `gdi f

8]Y'JYfUbhk cfh`]W\Yb'XYf'?]fbYf'Dc`]nY]'\UVYb'X]Y'9fa]hh`i b[YbVYfY]hg'Y]b[Y`Y]hYhž'i a 'XYb'JYfi fgUW\Yf'cXYf'X]Y'JYfi fgUW\Yf]bXYf'^2`j YfgW\aihni b['ni 'Z]bXYb"'9g']gh'i b\_`Ufž'k]Y'XUg'^2`'Ui Z'X]Y

Ghfu» Y '[ Y`Ub[ hYž'XcW\ 'U``Y 'j YfZØ[ VUfYb 'J ]XYcUi ZnY]W\ bi b[ Yb XYf'HUb\_ghY``Y 'k YfXYb 'XYfnY]h'Ui g[ Yk YfhYhž'i a 'a Ò[ `]W\ Y < ]bk Y]qY 'Ui Z'XYb 'J cfZU```ni 'Yf\ U`hYb"

8]Y'gW\bY``Y'FYU\_h]cb'XYf'6Y\ÒfXYb'\Uh'a Ò[`]W\Yfk Y]gY
GW\`]a a YfYg'j Yf\]bXYfh"'^2 `gdi fYb'Ui Z'GhfU» Yb'ghY``Yb'b]W\h'bi f
Y]bY'Fi hgW\[YZU\f'ZØf': U\fnYi [Y'XUfž'gcbXYfb'\_ObbYb'Ui W\
ZUhU`Y'I bZÀ``Y'j Yfi fgUW\Ybž'k Ybb'g]Y'b]W\h'i a [Y\YbX'VYgY]h][h
k YfXYb"'8i fW\'X]Y'fYW\hnY]h][Y'K Ufbi b['i bX'XUg'9]b[fY]ZYb'XYf
Dc`]nY]'gck]Y'XYf'GhfU» Yba Y]ghYfY]'k i fXY'XYf'J Yf\_Y\f'Ui Z'XYf
6]b[Yf'@UbXghfU» Y'i bX']b'XYf'I a [YVi b['[Yg]W\Yfhž'i a 'k Y]hYfY
[YZÀ\f`]W\Y'G]hi Uh]cbYb'ni 'j Yfa Y]XYb"

8 Ugʻ9fY][ b]gʻk ]fZhʻY]bʻ@]WkhʻUi ZʻX]YʻJ YfUbhk cfhʻ]Wk\_Y]hYbžʻX]Yʻa ]h XYaʻ6Yhf]YVʻj cbʻHUb\_ghY``Ybʻi bXʻXYfʻ< UbX\UVi b[ʻj cb [ YZÀ\f`]WkYbʻGhcZZYbʻj YfVi bXYbʻg]bX"ʻ9gʻ]ghʻj cbʻ[ fÒ» hYf 6YXYi hi b[ž'XUggʻgc`WkYʻJ cfZÀ``Yʻb]Wkhʻbi fʻgWkbY``VYUfVY]hYhž gcbXYfbʻUi WkʻXi fWkʻdfÀj Ybh]j YʻA U» bU\a Ybʻ]bʻXYfʻNi \_i bZh j Yfa ]YXYbʻk YfXYb"ʻ8]YʻDc`]nY]ʻk ]fXʻk Y]hYf\]bʻU``Yʻbchk YbX][ Yb GWkf]hhYʻi bhYfbY\a Ybži a 'X]Yʻ<]bhYf[ fØbXYʻXYfʻ² `gdi fʻni Yfa ]hhYʻbʻi bXʻi a 'g]WkYfni ghY``YbžʻXUggʻgc`WkYʻJ cfZÀ``Yʻ]bʻXYf FY[ ]cbʻb]WkhʻUi gʻXYa 'Fi XYfʻ`Ui ZYb"

± XYb \_ca a Yb XYb HU[Yb k]fX Yfk UfhYhž XUgg X]Y 9fa]hhìi b[Yb X]Y = XYbh]Àh XYg J Yfi fgUW Yfg Ui ZXYW\_Yb " ± XYf Nk]gW YbnY]h V `Y]Vh XYf J cfZU`` Y]b U\_hi Y `Yg H\Ya U ]b XYf F Y[]cb ž XUg gck c\`ZØf J Yf\_Y\fghY]`bY\a Yf U`g Ui W ZØf X]Y Ofh`]W Yb 6Y\OfXYb k]W h][ ]gh" 8]Y 5i Z\_`Àfi b[ j cb XYf Ufh][Yb J cfZÀ``Yb ]gh YbhgW Y]XYb X ZØf X]Y G]W Yf\Y]h Ui Z XYb GhfU» Yb i b X ZØf XUg J YfhfUi Yb XYf 6Øf[Yf]b X]Y 9ZZ]n]Ybn XYf Dc`]nY] i b X Ub XYfYf F Yhhi b[gX]YbghY"

## 6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. 'X]Y!bUWX f]WX hYb "b Yh