

## 6fYa Ybg'8Y`Y[Uh]cb'Yf\_i bXYh'K ]Ybg A cXY``ZØf'bUW\U`h][Yb'K c\bi b[gVUi

8 Y`Y[Uh]cb`Uig`6fYaYb`Yf\_ibXYh`Ua`%("\$+"&\$&)`]b`K]Yb @Ògib[Yb`ZØf`gcn]U`Yb`Kc\bib[gVUi`ibX`bUW\\U`h][Y AcV]`]hÀh"



K ]Ybž'² ghYffY]W '! '5b'X]YgYa 'gcbb][ Yb'HU[ ž'XYa '%( "'\$\) '] &\$&) ž \Uh'Y]bY'8Y'Y[ Uh]cb'XYf'8Ydi hUh]cb'ZØf'AcV]`]hÀhž'6Ui 'i bX GhUXhYbhk ]W\_`i b[ 'Ui g'6fYa Yb'XYb'K Y[ 'bUWX'K ]Yb'[ YZi bXYb" 8Yf': c\_i g'X]YgYf': UWXfY]gY'`]Y[ h'Ui Z'XYf'9fZcfgWXi b[ ']bbcj Uh]j Yf ?cbnYdhY'ZØf'gcn]U`Yb'K c\bi b[ gVUi ž'acXYfbY'GhUXhYbhk ]W\_`i b[ i bX'bUWX\U`h][ Y'AcV]`]hÀh"'6YgcbXYfg'gdUbbYbX'[ YghU`hYh'g]WX XYf'5i ghUi gWX'a]h'XYb': UWX`Yi hYb'XYf'GhUXh'K ]Ybž'X]Y'ØVYf'X]Y <YfUi gZcfXYfi b[ Yb'i bX'@Ògi b[ gUbgÀhnY']a 'gcn]U`Yb K c\bi b[ gVUi 'X]g\_i h]YfYb"

6YgcbXYfY'5i Za Yf\_gUa \_Y]h'Yf\À`h'XUVY]'X]Y'GYYghUXh'5gdYfb gck]Y'XUg'GcbbkYbXj]YfhY`ž'6Y]XY'; YV]YhY'g]bX'VY\_Ubbh'ZØf']\fY ]bbcjUh]jYb'5bgÀhnYž'X]Y']a 'FU\a Yb'XYf'\DhYfbUh]cbU`Yb

## $9]b^{\circ}6^{\circ}W_{0}^{\circ}b^{\circ}X]Y^{\circ}GYYghUXh^{\circ}5gdYfb^{\circ}$

8]Y'GYYghUXh'5gdYfb'\_Ubb'U`g'AighYfVY]gd]Y`'ZØf'bUWX\U'h][YGhUXhYbhk]W\_`ib[']b'9ifcdU'Ub[YgY\Yb'kYfXYb'''8]YgY9bhk]W\_`ib[']b'9ifcdU'Ub[YgY\Yb'kYfXYb'''8]YgY9bhk]W\_`ib['kifXY'gY]h'&\$%\$'jcfUb[Yhf]YVYb'ibX'jYfZc`[h'XUgN]Y`ž'AcV]`]hÀhgaighYf'bUWX\U`h]['ni'jYfÀbXYfb'''8ifWX'X]Y9ff]WXhib['Y]bYg'I!6U\b!5bgWX`iggYg'jcf'XYa'6Ui'jcbKc\bib[Yb'k]fX'Y]b'd`UbYf]gWXYf'5bgdfiWX'UiZBihnib[ga]gWXib['ibX'bUWX\U'h][Y'AcV]`]hÀh'XYih`]WX'''8]Yg']ghY]bY'XYf'j]Y'Yb'9f\_Ybbhb]ggYž'X]Y']b'XYf'ghUXhgcn]c`c[]gWXYbGhiX]Y'jcb'\*XfYa]Ug'&Vgh'VY\UbXY'h'kYfXYbž'X]Y'ibhYf'UbXYfYaX]Y'JYfgUbXib['XYf'9a]gg]cbgfYXi\_h]cb'XifWX'jYfAbXYfhYAcV]`]hÀhgVYXUfZY'ibhYfgiWXhžrf\_`Àfh'X]Y'D`UhhZcfa'8]Y'Ni\_ibZh''

8]Y'GYYghUXh'V]YhYh'D`Uhn'ZØf'fi bX'&\$"\$\$\$'6Yk c\bYfi]bbYb'i bX
5fVY]hgd`AhnY"'8]YgY'ghUf\_Y' +bhY[fUh]cb'j cb'K c\b!'i bX
5fVY]hgVYfY]WXYb']gh'HY]`'Y]bYf'[fÒ» YfYb'GhfUhY[]Y'XYf'GhUXh
K]Ybž'X]Y'fYggci fWYbgWXcbYbXY'I fVUb]g]Yfi b['ni a 'N]Y`'\Uh''
8UVY]'k]fX'Ui WX'Ui Z']bhY[f]YfhY'Ei Ufh]YfgYbhk]W\_`i b[Yb'gck]Y
]bbcj Uh]j Y'A cV]`]hÀhgUb[YVchY'[YgYhnh''Gc'k i fXYb'FUX!'i bX
:i » k Y[Y'gck]Y'Y]bY'5bV]bXi b['Ub'XYb'ÒZZYbh`]WXYb'BU\j Yf\_Y\f
gWXcb'ZfØ\nY]h][']b'X]Y'D`Ubi b[Yb'Ui Z[Ybca a Yb''

## < YfUi gZcfXYfi b[ Yb i bX 7\UbWb</pre>

8]Y'ni bY\a YbXY'A cV]`]hÀhgbUW\ZfU[Y'\Uh'YXcW\'Ui W\']\fY
GW\UhhYbgY]hYb"'9]b'A Ub[Y``Ub'5fVY]hgd`ÀhnYb']a 'Ei Ufh]Yf'ZØ\fh
ni 'Y]bYa 'j YfghÀf\_hYb'DYbXY`j Yf\_Y\f'i bX'ni f'Bi hni b['XYg
a chcf]g]YfhYb'\DXX]j ]Xi U`j Yf\_Y\fg"'8Ygk Y[Yb']gh'Yg'k ]W\h][ž'X]Y
\DZfUghfi \_hi fUb[YVchY'i bX'X]Y'gcn]U`Yb'5b[YVchY'k Y]hYf
Ui qni VUi Ybž'i a 'X]YgYb'<YfUi gZcfXYfi b[Yb'Ybh[Y[Ybni k]f\_Yb"

9]b'\_`Y]bYf'@]W\hV`]W\_']gh'X]Y'I a ZfU[Y'i bhYf'XYb'6Yk c\bYfł]bbYbžX]Y'nY][hž'XUgg', , 'i 'Y]bY'\\J\fYg\_UfhY'ZØf'XYb'\OZZYbh`]W\YbJYf\_Y\f'VYg]hnYb'i bX', %ž\* 'i 'fY[Y`a À»]['XUg': U\ffUX'bi hnYb"8cW\hfchn'X]YgYf'dcg]h]j Yb'\NU\`Ybž'VYa Àb[Y`b')' ž' 'i 'XYf6YZfU[hYbž'XUgg'g]Y': fY]nY]hUb[YVchY'j Yfa ]ggYbž'k]Y'Yhk U'Y]bGW\k]a a VUX'cXYf'?]bc"

± X]YgYa ?cbhYl h'k ]fX'Ui WX'Ui Z'X]Y'6YXYi hi b[ 'XYf'gcn]U`bUW\U`h][ Yb'GhUXhYbhk ]W\_`i b[ '\]b[ Yk ]YgYb"'8]Y'j \k!: cfgWXi b[VYhcbh']b']\fYb'5bU`mgYbž'k]Y'k]W\h][ 'Yg']ghž'Ei Ufh]YfY'U`g'CfhYa]h'[fc»Ya 'gcn]U`Yb'DchYbn]U`ni 'VYhfUW\hYb"'8]YgYfEi Ufh]YfgUbgUhn'n]Y\h'a]hh`Yfk Y]`Y'Ui WX'XUg' ⇒ hYfYggY'j cb?ca ai bYbž' ⇒ j YghcfYb'i bX'XYf'K c\bi b[ gk ]fhgWXUZh'Ui Z'g]WX"8Yf'5i ghUi gWX'nk]gWXYb'XYb'GhÀXhYb']gh']b'X]YgYa 'G]bbYYb'ngWXY]XYbXž'i a 'X]Y'gcn]U`Yb'i bX'bUWX\U`h][ Yb'5gdY\_hY'XYfGhUXhYbhk]W\_`i b[ 'k Y]hYf'j cfUbni hfY]VYb'i bX'GmbYf[ ]Yb'ni gWX UZZYb"'K Y]hYfY' ⇒ Zcfa Uh]cbYb'XUni 'Z]bXYb'g]WX'Ui Z'XYfKYVgY]hY'XYg'j\k"

±g[YgUa hi]ghiYg'\_`UfžiXUgg'VY]XY'GhÀXhY' '6fYa Yb'i bX'K]Yb''
Ui Z']\fYb'FY]gYb'i bX'8]g\_i gg]cbYb'j cbY]bUbXYf'`YfbYb'\_ÒbbYb''
8]Y'9f\_Ybbhb]ggY'Ui g'K]Ybž']bgVYgcbXYfY'ni f'VYnU\`VUfYb
K c\bfUi a Ybhk]W\_`i b['i bX'ni f'bUW\\U`h][Yb'A cV]`]hÀhž'\_ÒbbhYb
6fYa Yb'YbhgW\Y]XYbX'\Y`ZYbž'g]W\']b'X]YgYb'6YfY]W\Yb
k Y]hYfni Ybhk]W\_Y`b'''8]Y'J cfZfYi XY'Ui Z'X]Y'\_ca a YbXYb
A U» bU\a Yb'i bX'XYb'5i ghUi gW\'V`Y]Vh'\cW\"'

8 YhU]`g	
Cfh	K ]Ybž <sup>·2</sup> ghYffY]WX
EiY``Yb	<ul><li>k k k "gYbUhgdfYggYghY``Y"VfYa Yb "XY</li></ul>
	<ul><li>X]Yni _i bZh"Uh</li><li>k k k "j \ k "XY</li></ul>