

# GWXcW\_]YfYbXY'H]Yfei À`YfY]']b BØfbVYf[.'<i bX'gWk Yf'j Yf`Yhnh

BØfbVYf[ '- '\dagger XYf'BUWkh'Ui Z'GUa ghU[ '\_Ua 'Yg']b'BØfbVYf[ 'ni Y]bYa 'gWkcW\_]YfYbXYb'J cfZU``ž'XYf'b]Wkh'bi f'X]Y'Dc`]nY]'Ui Z'XYbD`Ub'f]YZž'gcbXYfb'Ui Wk'X]Y'`c\_U`Yb'H]YfgWki hnVY\ÒfXYbU`Ufa]YfYb'XØfZhY"'9]b'()!'À\f][ Yf'A Ubb'k i fXY']b'XYfGWkcdYb\Ui YfghfU» Y'ZYgh[ Ybca a Ybž'bUWkXYa '5bk c\bYf'j cbgY]bYa 'Vfi hU`Yb'J Yf\U`hYb'[ Y[ YbØVYf'Y]bYa '\_`Y]bYb'<i bXVYf]WkhYhYb"'8]Y'GnYbYbž'X]Y'g]Wk'Ui Z'XYf'GhfU» Y'UVgd]Y`hYbžkUfYb'gck c\``Vfi hU``U`g'Ui Wk'YfgWkfYW\_YbX"

6YfY]hg'\_i fn'bUW\ 'A ]hhYfbUW\ h'Yf\]Y`h'X]Y'Dc`]nY]'Y]bYb'5bfi Z'j cb Y]bYf'VYgcf[ hYb'5bk c\bYf]bž'X]Y'gU\ž'k ]Y'XYf'A Ubb'cZZYbVUf c\bY'Jcfk Ufbi b[ 'a Y\fZUW\'[ Y[ Yb'[ YdUf\_hY'5i hcg'hfUh''6Y] gY]bYf'?cbhfc``Y'k Uf'XYf'ghUf\_'U`\_c\c`]g]YfhY'A Ubb']b'6Y[ `Y]hi b[ Y]bYg'\_`Y]bYb'<i bXYgž'XYf'nU\`fY]W\Y'JYf`Yhni b[ Yb'Ui Zk ]Yg''@Ui h 6Yf]W\hYb'\Uh'XUg'H]Yf'gW\k YfY'GW\ÀXYb'Yf`]hhYb'i bX'a i gghY i a [ Y\YbX']b'Y]bYf'H]Yf\_`]b]\_'VY\UbXY`h'k YfXYb''

### 8YhU]`gʻni a 'JcfZU``

8]Y'6YUa hYb'Yf\]Y`hYb'gW\bY```<]bk Y]gY'Ui Z'XUg'[fUi gUa Y JYf\U`hYb'XYg'A UbbYg"'5`g'g]Y'X]Y'I a [YVi b['XYg'JcfZU``g i bhYfgi W\hYbž'ZUbXYb'g]Y'bYVYb'XYa 'ghUf\_'j Yf`YhnhYb'<i bX'Ui W\ <UUfY'i bX'6`i hgdi fYb'Ub'Y]bYa 'XYf'[YdUf\_hYb'5i hcg"'8Ug XYi hYhY'XUfUi Z'\]bž'XUgg'XYf'<i bX']b'XYf'G]hi Uh]cb'j Yfa i h`]W\ [Y[Yb'XUg'5i hc'[YgW\`U[Yb'k i fXY"'8]Y': YghbU\a Y'Y]bYg'gc`W\Yb HÀhYfg'k]fZh'Y]bY'J]Y`nU\`'jcb': fU[Yb'UiZž'jcf'U``Ya 'VYnØ[`]WXgY]bYg'JYf\U`hYbg'ibX'XYf'laghÀbXYž'ibhYf'XYbYb'Yf'XYb'<ibXVYhfYihY''

8 Yf'j Yf`YhnhY'<i bXž']b'X]YgYa ': U```Y]b'D]bgW\Yfž'k i fXY'U`g'gcZcfh VY\UbX`i b[gVYXØfZh]['Y]b[Yghi Zh"'9]b'GdfYW\Yf'XYf'H]Yf\_`]b]\_
VYghÀh][hYž'XUgg'XUg'H]Yf' a Ugg]j Y'J Yf`Yhni b[Yb 'Yf`]hhž'X]Y'Y]bYf
]bhYbg]j Yb'a YX]n]b]gW\Yb'9]b[f]ZZg'VYXi fZhYb"'8]Yg'nY][hž'k]Y
k]W\h]['Yg']ghž'XYb'H]YfgW\i hn'Yfbgh'ni 'bY\a Ybž'i bX'k]Y
bchk YbX]['Yg']qhž'YXYf': cfa 'j cb'H]Yfei À`YfY]'Ybh[Y[Ybni hfYhYb"

#### < ]bhYf[ fi bX]bZcfa Uh]cbYb</pre>

8]Y'Dc`]nY]'ghY``hY'ZYghžXUgg'XYf'<i bX'XYa '()!À\f][Yb'ni f 6YUi Zg]W\h][i b['Ubj YfhfUi h'k cfXYb'k Ufž'k À\fYbX'XYf'k U\fY 6Yg]mYf'g]W\]a 'I f`Ui V'VYZ]bXYh''8]Yg'k]fZh'6YXYb\_Yb \]bg]W\h`]W\]XYf'JYfUbhk cfh`]W\\_Y]h'Ui Z'K Yf'gc``hY'ZØf'X]Y G]W\Yf\Y]h'i bX'XUg'K c\`VYZ]bXYb'Y]bYg'H]YfYg'gcf[Ybž'k Ybb gY]bY'Y][Ybh`]W\Yb'<U`hYf'UVk YgYbX'g]bX3'9]b'5hYa U`\_c\c`hYgh VY]'XYa 'JYfXÀW\h][Yb'Yf[UV'Y]bYb'K Yfhj cb'ØVYf'nk Y]'Dfca]``Yž k Ug'gY]bY'?cbhfc``Y'i bX'gY]b'JYf\U`hYb'k À\fYbX'XYg'JcfZJ``g']b Y]b'UbXYfYg'@]W\h'fØW\_h''8Yf'A Ubb'j YfVfUW\hY'X]Y'BUW\h']a Dc`]nY][Yk U\fgUa ž'k À\fYbX'[Y[Yb']\b'9fa]hhii b[Yb'k Y[Yb

8 Y f :: U```k ] f X 'bi b 'gck c\``j cb 'X Y b 'Òfh`] W Y b '6 Y \ Òf X Y b 'U`g 'Ui W j cb 'H] Y f g W i hncf [ Ub] g Uh] cb Y b '[ Y b Ui 'V Y c V U W h Y h " 8 ] Y 'G] hi Uh] cb X Y g ' < i b X Y g ' V `Y ] V h \_ f ] h] g W ž 'X U 'Y f 'k Y ] h Y f \ ] b 'gh Uh] cb À f '] b 'X Y f '? `] b] \_ V Y \ Ub X Y `h 'k ] f X " 8 ] Y g 'Z Ø \ f h 'ni 'Y ] b Y a 'k ] W h] [ Y b '8 ] g \_ i f g 'Ø V Y f 'X ] Y J Y f Ubhk cfhi b [ 'j cb 'H] Y f \ U`h Y f b 'i b X 'X Y b 'G W i hn 'j cb 'H] Y f Y b 'j cf A ] g g \ Ub X `i b [ "

H]YfgWXi hn "U"g"[YgY"gWX UZh"]WXY"JYfUbhk cfhi b[

8]YgYf'JcfZU```jYfXYih`]W\h'X]Y'BchkYbX][\_Y]hz'H]YfgW\ihn'Yfbgh'nibY\aYb'ibX'ØVYf'XUg'Y][YbY'<UbXY`b']a'la[Ub['a]h'H]YfYbbUW\niXYb\_Yb"'=bgVYgcbXYfY']b'Y]bYf'NY]hz']b'XYf'j]Y`Y'AYbgW\Yb]\fY'<Uigh]YfY'U`g'HY]``XYf':Ua]`]Y'VYhfUW\hYbz'gc``hY''YXYf'X]Y

JYfUbhk cfhi b[ 'Yfbgh'bY\a Ybž'X]Y'a ]h'XYf'<U`hi b[ 'Y]bYg'H]YfYg Y]b\Yf[ Y\h''8]Y'HfU[ OX]Yž'X]Y'g]W\']b'Y]bYf'GhUXh'k ]Y'BØfbVYf[ UV[ Ygd]Y`h'\Uhž'nY][ h'Ui Zž'k c'Xf]b[ YbXYf'<UbX`i b[ gVYXUfZ VYghY\hž'gck c\``]a '[ YgYhn`]W\Yb'F U\a Yb'U`g'Ui W\']a 'gcn]U`Yb 6Yk i gghgY]b'''Gc`W\Y'JcfZ\`Y'ZcfXYfb'i bg'U``Y'Ui Zž'U\_h]j Yf'ZØf'X]Y FYW\hY'i bX'XUg'K c\`VYZ]bXYb'j cb'H]YfYb'Y]bni hfYhYb'i bX g]W\Yfni ghY``Ybž'XUgg'g]Y']b'Y]bYa 'g]W\YfYb'i bX'`]YVYj c``Yb I a ZY`X'`YVYb'\_ObbYb"

#### <i bXY'i bX'XUg'H]YfgW\i hn[YgYhn]</pre>

8 UgʻH]YfgWki hn[YgYhnʻ]bʻ8 Yi hgWk`UbXʻV]YhYhʻY]bYbʻi a ZUggYbXYb fYWkh`]WkYbʻF U\a Ybži a ʻXUgʻK c\`ʻj cbʻH]YfYbʻni ʻ[Yk À\f`Y]ghYb i bXʻg]Yʻj cfʻA ]gg\UbX`i b['ni ʻgWkØhnYb"BUWkʻzʻ%+ ʻXYg H]YfgWki hn[YgYhnYgʻ]ghʻX]YʻA ]gg\UbX`i b['j cbʻH]YfYbʻghfUZVUfʻi bX \_Ubbʻa ]hʻY]bYfʻ: fY]\Y]hgghfUZYʻV]gʻni ʻXfY]ʻ\J\fYbʻcXYfʻY]bYf ; Y`XghfUZYʻ[YU\bXYhʻk YfXYb"8]YgYʻ; YgYhnYʻgc``Ybʻb]Wkhʻbi f H]YfYʻgWkØhnYbžʻgcbXYfbʻUi WkʻX]Yʻ² ZZYbh`]Wk\_Y]hʻgYbg]V]`]g]YfYbž XUa ]hʻgc`WkYʻJ cfZÀ``Yʻ[Ya Y`XYhʻk YfXYb"

± XYf'U\_hi Y``Yb'G]hi Uh]cb']b'BØfbVYf['k]fX'[Y[Yb'XYb VYgWXi`X][hYb'A Ubb'kY[Yb'XYg'JYfXUWXhg'XYf'H]Yfei À`YfY] Yfa]hhY`h"'8Yf'fYWXh`]WXY'GhUhi g'gc`WXYf': À``Y']gh'YbhgWXY]XYbXž'XU [Yf]WXh`]WXY'9bhgWXY]Xi b[Yb'cZh'Ui WX'Y]bY'K]YXYf\c`i b['gc`WXYf HUhYb'j Yf\]bXYfb'\_ÒbbYb"

## 5\_hi Y``Y`HfYbXg`i bX`GhUh]gh]\_Yb`ni f H]Yfa ]gq\UbX`i b[

H]YfgWki hncf[ Ub]gUh]cbYbiibXi]\fYFc``Y

H]YfgWki hncf[Ub]gUh]cbYb^Y]ghYb^Y]bYk]Wkh][Y^5fVY]hžia 'H]YfYni 'gWk@hnYb'i bX^Z@f']\fY^FYWkhY^Y]bni hfYhYb"G]Y 'gYhnYb'g]Wkb]Wkh'bi f'Z@f'X]Y^5i Z\_`Àfi b[ 'XYf'^2 ZZYbh`]Wk\_Y]h'Y]bž'gcbXYfbUfVY]hYb'Ui Wk'Yb['a]h'XYf'Dc`]nY]'i bX^XYb'GhUUhgUbk U`hgWkUZhYbni gUa a Ybži a 'g]WkYfni ghY``Ybž'XUgg'J YfghÒ» Y'j YfZc`[hi bXVYghfUZh'k YfXYb"Cf[Ub]gUh]cbYb'k]Y'XYf' 8 Yi hgWkYH]YfgWki hnVi bX 'V]YhYb'Ui Wk'Bchi bhYf\_@bZhY'Z@f'H]YfYž'X]Y'Ui gA]gg\UbX`i b[gg]hi Uh]cbYb'[YfYhhYh'ki fXYbž'i bX'gcn]U`YDfc[fUa a Y'ni f'I bhYfgh@hni b['VYY]bhfÀWkh][hYf'H]YfY"

9]b '6Y]gd]Y` 'ZØf'Y]bY 'U\_h]j Y 'C f[ Ub]gUh]cb ']gh'XYf' H]YfgW\i hnj YfY]b B ØfbVYf[ ž'XYf'g]W\ 'b]W\ h'bi f' ZØf'X]Y 'J Yfa ]hh\i b[ 'j cb'H]YfYb Y]bgYhnh\zerogcbXYfb 'Ui W\ ']bhYbg]j Yg 'OZZYbh\]W\ Yg '9b[ U[ Ya Ybh'i bX 6YfUhi b[ Yb'ni 'H]YfgW\i hnZfU[ Yb']b 'XYf'FY[ ]cb'V]YhYh'' 'Gc\W\ Y Cf[ Ub]gUh]cbYb'g]bX'i bj Yfn]W\ hVUf\zerogchi a 'XUg'6Yk i gghgY]b 'ZØf H]YfgW\i hndfcV\Ya Y'ni 'Z\OfXYfb'i bX'Ui Z'X]Y'JYfUbhk cfhi b[ 'j cb H]Yf\U\hYfb'\]bni k Y]gYb"

8 Y hU]`q

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