

## K c]X\_Y'V`Y]Vh'GD8!7\YZ. VYffUgWXi b[Yb'i bX'Vf]gUbhY'H\Ya Yb']b 6fUbXYbVi f[\*



7chhVi gž6fUbXYbVi f[ ž8Yi hgWX`UbX`!'8]Y`dc`]h]gWXY
@UbXgWXUZh'6fUbXYbVi f[ gʻghY\hi bhYf'<cWXgdUbbi b[ ...5a ~&%"

i b] \*&\$&) ki fXY'8]Yha Uf'K c]X\_Y`VY]a `GD8!@UbXYgdUfhY]hU[ `]b

7chhVi gʻa ]h', ) i `XYf'Gh]a a Yb YfbYi hini a `@UbXYgj cfg]hnYbXYb

[ Yk À\`h"8]Y`K U\``XUi YfhY`k Yb][ Yf'U`gʻnk Y] `Ghi bXYb ii bX`j cb

%&\* `8Y`Y[ ]YfhYb`[ UV`Yg``YX][ `]WX`%( `; Y[ Ybgh]a a Yb`i bX`ZØbZ

9bh\U`hi b[ Yb"`K c]X\_Yg`FØW\_\U`h`]b`XYf`DUfhY] `]gh`gca ]h

c ZZYbg]WXh`]WX ž'Ui WX`k Ybb`g]WX`X]Y`G]hi Uh]cb`]bg[ YgUa h

\_ca d`]n]Yfh`XUfghY``h"`8Yf`A ]b]ghYfdfÀg]XYbh`\_ØbX][ hY`ni f`K U\`
Ubž`XUgg`Yf`b]WXh`k Y]hYfa UWXYb`k ]fXž`gc``hY`X]Y`5Z8`X]Y`ghAf\_ghY
?fUZh`k YfXYb"`8]YgY`9bhgWXY]Xi b[ ``Aggh`XYb`8fi W\_Ui Z`]\b i bX

X]Y'GD8'ghY][Ybž'XYbb'l a ZfU[Yb'nY][Yb'X]Y'5Z8'bi f'\_bUdd'j cf XYf'GD8ž'k Ug'X]Y'FY[]Yfi b[gV]`Xi b['bUW\\U`h]['YfgW\k YfYb \_\ObbhY''@Ui h'b!hj '\_\ObbhY'gY]bY'BUW\Zc`[Yf]bž'X]Y
:]bUbna ]b]ghYf]b'?Uhf]b'@Ub[Yž'j cf'[Yk U`h][Yb < YfUi qZcfXYfi b[Yb'ghY\Ybž'gc``hY'K c]X\_Y'Ui qqW\Y]XYb''

#DigY]bYfFYXY'VYhcbhY'K c]X\_Y'X]Y'H\Ya Yb'GhUV]`]hÀhii bX
G]W\Yf\Y]hži bX'Yf'a U\bhY'X]Y'Bchk YbX][\_Y]h'Y]bYf
Zi b\_h]cb]YfYbXYb'?cU`]h]cb'Ub"'9g'V`Y]Vh'UVni k UfhYbžk]Y'g]W\
X]Yg'Ui Z'X]Y'VYj cfghY\YbXYb'@UbXhU[ gk U\`Yb'Ua 'GcbbhU[
Ui gk ]f\_h"'<cW\']a '?i fg'ghY\Yb'Ui W\'X]Y'Gcf[ Yb'XYf'6Øf[ Yfž'X]Y
Y'bUW\'dc`]h]gW\Ya '@U[ Yf'i bhYfgW\]YX`]W\'[ Yk ]W\hYh'k YfXYb"'5Z8!
5b\Àb[ Yf'\UVYb']bgVYgcbXYfY'Ÿb[ ghY'VYnØ[ `]W\'Ni k UbXYfi b[
i bX'G]W\Yf\Y]hž'k À\fYbX'GD8!'i bX'781!K À\`Yf'ghUf\_'XYb
FYW\hgYl hfYa ]ga i g']a '6`]W\_'\UVYb"'@Ui h'Y]bYf'5bU`mgY'j cb'
hU[ YggW\Ui 'g]bX'+) 'i 'XYf'GD8!K À\`Yf'j cb']\fYa 'dc`]h]gW\Yb
5b[ YVch'YbhhÀi gW\hž'k À\`Yb'UVYfži a 'Y]bY'ghUf\_Y'5Z8'ni
j Yf\]bXYfb"</pre>

## DYfgcbY``Y`, VYffUgWXi b[Yb'i bX < YfUi gZcfXYfi b[Yb</pre>

8]Y'K U\`Yb'XYg'k Y]hYfYb'@UbXYgj cfghUbXg'VfUW\hYb'dYfgcbY``Y
, VYffUgW\ib[Yb'a]h'g]W\"'K]YV\_Y'DUdYbVfcW\_ž'X]Y'a]h'+\*'ı 'XYf
Gh]a a Yb'[Yk À\`h'k i fXYž'hf]hh'X]Y'BUW\Zc`[Y'j cb'?Uhf]b'@Ub[Y'Ubž
X]Y'b]W\h'a Y\f'ni f'K U\``ghUbX"'Ni XYa 'k i fXYb'?i fh':]gW\Yf'i bX
\[\delta\Yg'<\OVbYf']a '5a h'VYgh\h][h"'5i \(ZZ\h)``]['V`Y]Vhz'XUgg'XfY]
dfca]bYbhY'?UbX]XUhYb'Ub']\fYb'5a V]h]cbYb'gW\Y]hYfhYb"
8YbbcW\"[UV'Yg'a]h'GYVUgh]Ub'F\OhYfz'AY`Ub]Y'6U`nYf'i bX'Gcb'U
9]W\kYXY'YfZc`[fY]W\Y'; Yg]W\hYfz'X]Y']b'XYb'bYi Yb
@UbXYgj cfghUbX'Y]bn]Y\Yb"

; `Y]W\nY]h][ 'k Ufbh'X]Y'dc`]h]gW\Y'6YcVUW\hi b[ 'j cf'Y]bYf a O[`]W\Yb'I bfY[ ]YfVUf\_Y]h'6fUbXYbVi f[ g"'Gc``hY'X]Y'5Z8'VY]'XYb K U\`Yb'9fZc`[ '\UVYbž'\_ObbhY'X]Yg'ni 'Y]bYf'V`cW\_]YfhYb FY[ ]Yfi b[ gV]`Xi b[ 'ZØ\fYb"'8]Y'5Z8'\Uh'Y]bYb'Gd]hnYb\_UbX]XUhYb]b'<Ubg!7\f]ghcd\'6YfbXhž'XYf'Xi fW\'gY]bY'`]b\_gfUX]\_U`Yb JYfV]bXi b[ Yb'Y]bY'Ni qUa a YbUfVY]h'a ]h'UbXYfYb'DUfhY]Yb

bU\Yni 'i ba Ò[`]W\ a UW\h"5i Z'XYf'UbXYfYb'GY]hY'k ]fX'XYb'@]b\_Yb i bX'; fØbYb'XYf'5i gni ['Ui g'XYa '@UbXhU['Xfc\YbX' j cfUi g[YgU[hž'k À\fYbX'XUg'6ØbXb]g'GU\fU'K U[Yb\_bYW\h'fbGK Ł a ]h'Y]bYa 'nk Y]ghY``][Yb'9f[YVb]ggYb'fYW\bYb'\_ObbhYž'k]Y'b!hj VYf]W\hYh"

## < YfUi gZcfXYfi b[Yb']b'6]`Xi b['i bX ; Ygi bX\Y]h</pre>

8]Y'K U\`\_Ua dZh\Ya Yb'ghfi \_hi f]YfYb'g]W\'ghUf\_'i a 'X]Y'5Z8 ž
A][fUh]cb'gck]Y'X]Y'@Y]ghi b[Yb'XYf'6i bXYgfY[]Yfi b["'Gcf[Yb']b
6Yni ['Ui Z'6]Xi b[ž'; Ygi bX\Y]hgj Yfgcf[i b['i bX'XYb'OZZYbh']W\Yb
BU\j Yf\_Y\f'dfÀ[hYb'X]Y'6Øf[YfVYgW\k YfXYb"'9]b'ghUV]'Yg
9f[YVb]g'XYf'GD8 ž'Ui W\'k Ybb'X]Y'I a ZfU[Yb'X]Y'DUfhY]'a ]h'bi f'&)
V]g'&\*'i 'nY][Ybž'k ÀfY'k ØbgW\Ybgk Yfhž'i a 'XYb
<YfUi gZcfXYfi b[Yb']b'6fUbXYbVi f[ž'j cf'U``Ya ']b'XYf'6]`Xi b['k c'@Y\fYfghY``Yb'[Yghf]W\Yb'k i fXYb' k ]f\_gUa
[Y[YbØVYfni hfYhYb"'K c]X\_Yg'8f]b[`]W\\_Y]h'bUW\
Ni gUa a YbUfVY]h'a ]h'@Y\fYf[Yk Yf\_gW\UZhYb']gh'XYg\U`V'j cb
[fc» Yf'6YXYi hi b["

 $8 ]Y `` c `Y `5b nU `` Ub `VY Ub hfU[ hY b `6f]Y Zk U `i b hY f`U[ Y b `` ØVY f`\%+ I `XY f`K U `` VY fY W& h][ hY b `` XY i hY h`Ui Z`Y]b Y`Ub [ Y g d Ub b hY K U `` Uha c g d `A fY `\] b ž ]b `XY f`g]W& `U``Y `DU f hY]Y b `a c V]`]g]Y fY b a ØggY b "`6f Ub XY b V i f[ `` \Uh Y]b Y`g d Ub b Y b XY `K U `` j c f`g]W& ž`a ]h j ]Y `Y b `I b k A [ VUf_Y]hY b "8 Y b `I a ZfU[ Y b `b UW& `]gh'_` `Ufž`X Ugg`Yg`b i f ZØf`k Y b][ Y`DU f hY]Y b `fY U`]gh]g W& Y`7 \Ub WY b `[]V hž`Y]b Y b `D`Uhn`]a @Ub X hU[ `ni `Y f[ UhhY f b "`\D`X]Y g Y f`Ub [ Y g d Ub b hY b `@U[ Y`]gh'X]Y `: f U[ Y b UW& `Y]b Y f`a Õ[`]W& Y b `A Y \ f \ Y]hg V]`Xi b [ `i b X`XY b `ni _Øb Z h][ Y b ? c U`]h]c b Y b `g c k c \``ZØf`X]Y`GD8`U`g`Ui W& `ZØf`X]Y`78I `j c b Y b hg W& Y]XY b XY f`6 Y XY i hi b [ ž`k ]Y`Ui W& `hU[ Y g g W& Ui `ZY g h g hY``h"$ 

8YhU]`g	
Cfh	7 chhVigž6fUbXYbVif[ž8YihgWX`UbX
EiY``Yb	• k k k "a cn"XY
	• k k k "b!hj "XY

8 Y hU]`g	
	• k k k "hU[YggWXUi"XY

 $6\,Y\,gi\ W\!\!X\,Y\,b\,{}^*\!G\,]Y\,{}^*\!i\ b\,g\,{}^*\!Ui\ Z.\,{}^*\!b\,!\,U\,[\,\,"b\,Y\,h\,]$