

## : fUb\_Zi fh'V`Y]Vh'VY]'B]`[ Ubg! JYf[ fÀa i b[ .'9fZc`[ fY]WXY'A U» bU\a Yb ]a 'C ghd Uf\_

K ]Y: fUb\_Zi fh'[Y[Yb'X]Y'B]`[Ubg'j cf[Y\h'9fZc`[fY]W\Y
JYf[f\haib[']a 'CghdUf\_'i bX'X]Y'<YfUi gZcfXYfi b[Yb
i fVUbYf'K]`Xh]Yfdcdi`Uh]cbYb"@YgYb'G]Y'a Y\f°</pre>

#D': fUb\_Z fh']gh'X]Y'8]g\_i gg]cb'ØVYf'X]Y'B]`[Ubgž'Y]bY'Jc[Y`Ufhž X]Y']b'XYb'`YhnhYb'#J\fYb']b'XYf'GhUXh']a a Yf'dfÀgYbhYf'k i fXYž']b j c``Ya'; Ub[Y"'8]Y'B]`[ÀbgY'VYj Ò`\_Yfb'DUf\_gž'I ZYf'i bX'gc[Uf : fY]VUXk]YgYb'i bX'YfZfYi Yb'g]W\cZZYbVUf'[fc»Yf'6Y`]YVh\Y]h" I bhYf'XYf'bYi Yb'I a k Y`hXYnYfbYbh]b'H]bU'NUdZIFcXfÉ[i Yn'V`Y]Vh YXcW\X]Y'GhfUhY[]Y'XYf'GhUXhž'X]YgY'JÒ[Y``Xi fW\'JYf[fÀa i b['ni j YfhfY]VYbž'UbghY``Y'j cb'5VgW\ØggYb"'8]Yg'k]fZh': fU[Yb'Ui Zž'k]Y a ]h'XYf'ghY][YbXYb'Dcdi `Uh]cb'i a [Y[Ub[Yb'k YfXYb'gc```i bX k Y`W\Y'GhfUhY[]Yb'hUhgÀW\`]W\'YZZY\_h]j 'g]bX"

8 Yfi fgdfØb[`]WXYD`Ub`XYf`\Ygg]gWXYb`@UbXYgfY[]Yfi b[ž
B]`[ÀbgY`k]YXYf`Ui Z'X]Y`@]ghY`^U[XVUfYf`5fhYb`ni `gYhnYbž`k]fX`]b
: fUb\_Zi fh`b]WXh`j c``i a ZÀb[`]WX`VYfØW\_g]WXh][h"`8 Ug
I a k Y`hXYnYfbUhž'j YfhfYhYb`Xi fWX`GdfYWXYf]b`Gi gUbbY
GWX]Yfk UhYfž`VYhcbhž`XUgg`XYf`GWXi hnghUhi g`XYf`; ÀbgY`]b
G]YX`i b[gfÀi a Yb`gUZh][Y`FY[Y`i b[Yb`a]h`g]WX`Vf]b[h"`5i g
G]WXYf\Y]hg[fØbXYb`g]bX`^U[XVUfY`H]YfY`]b`X]YgYb`; YV]YhYb
c\bY\]b`b]WXh`ni `Àgg]["`9]b`5VgWXi gg`k ÀfY`bi f`]b`VYgh]a a hYb
A cbUhYb`i bX`a]h; YbY\a][i b[`XYf`I bhYfYb`\$U[XVY\OfXY
a O[`]WX"

9fZc`[ ']a 'C ghd Uf\_.'A c X Y``d fc 'Y\_h'[ Y [ Y b 'X]Y B]`[ Ub g

=a 'C ghd Uf\_ž'Y]b Ya 'n Y b hf U 'Y b '9f\c`i b [ g[ Y V]Y h']b': f Ub\_Zi fhž'\ Uh X]Y 'GhUXh Y b hgd f Y W\ Y b X Y 'A U » b U\a Y b 'ni f' J Y f[ fÀa i b [ 'XY f B ]`[ ÀbgY']b]h]]Y fh" '8 Ug' A c X Y``d f c 'Y\_h' B]`[ Ubg! A Ub U[ Ya Y b h k i f X Y 'V Y f Y]hg' & \$%, ']bg' @ Y V Y b '[ Y fi Z Y b ž'i a 'X]Y 'J Ò[ Y ''j c b V Y`]Y V h Y b '@]Y [ Y k ] Y g Y b 'ni 'Z Y f b ni \U`h Y b "'9]b' (\$\$ 'A Y h Y f ``Ub [ Y f NUi b ž' X Y f' a Y \f Z U W\ 'j Y f Àb X Y fh'i b X ']b Z f Ugh fi \_hi f Y```Ub [ Y d Ugg h k i f X Y ž' X]Y b h X Uni ž' X Y b '6`] W\_ X Y f'; Àbg Y 'Ui Z' X]Y 'F Ug Y b Z À W\ Y b 'ni j Y f \]b X Y f b "'8] Y g Y 'A U » b U\a Y 'ni g Ua a Y b 'a ]h Y]b Y f '5 b d Uggi b [ X Y f' A À\]b h Y fj U``Y '\ Uh 'V Y f Y]hg' 9 f Z c`[ '[ Y n Y ][ h '8] Y '[ Y g Ua h Y ; Àbg Y d c di `Uh]c b 'Ui Z' X Y f' @ Y [ Y k ] Y g Y '\_c b b h Y 'i a 'Y h k U 'n k Y] 8 f]h h Y` f Y X i n] Y f h 'k Y f X Y b "

5``YfX]b[gž·gc·GWk]Yfk UhYfž·g]bX·X]Y·]a ·CghdUf\_'YfZc`[fY]Wk
i a [YgYhnhYb·A U» bU\a Yb·b]Wkhrc\bY·K Y]hYfYg·Ui Z·UbXYfY
DUf\_Ub`U[Yb·ØVYfhfU[VUf"·8cfh·ZY\`Yb·[YY][bYhY·: `ÀWkYb·ZØf·X]Y
; ÀbgY"·8]Yg·\_ÒbbhY·X]Y·GhUXh·j cf·< YfUi gZcfXYfi b[Yb·ghY·`Ybž
VYgcbXYfg·]b·ghUf\_'ZfYei Ybh]YfhYb·6YfY]WkYbž·k c·XYb·H]YfYb
[`Y]WknY]h][ ·Y]b·Ni [Ub[ ·ni ·BU\fi b[ ·[Yk À\fh·k]fX"

9]bYg'XYf'i a ghf]hhYbYb'DfcV'Ya Yž'XUg'X]Y'GhUXh': fUb\_Zi fh
\_cbZfcbh]Yfhž']gh'X]Y': ØhhYfi b['XYf'B]`[ÀbgY'Xi fW\'6Øf[Yf"'Hfchn
a Y\fYfYf'? Ua dU[bYb'i bX'GW\]'XYfž'X]Y'XUg': ØhhYfb'i bhYfgU[Ybž
]gh'Yg'gWk ]Yf][ž'XUg'JYf\U`hYb'XYf'A YbgW\Yb'ni 'ÀbXYfb"'H\ca Ug
Bcf[U``'j ca '6I B8']b'< YggYb'VYghÀh][hž'XUgg'X]YgY'i b[YVfYa ghY
: ØhhYfi b['Y]bYb'a U»[YV`]W\Yb'9]bZi gg'Ui Z'XUg'K UW\ghi a 'XYf
B]`[Ubgdcdi `Uh]cb'\Uh"'8Yf'6YghUbX']gh'j cb'`YX][`]W\') \$\$'V]g'+\$\$
DUUfYb']a '\\\f'\&\%'('Ui Z'gW\\Ahni b[gk Y]gY'%) \$\$'V]g'\&\\$\$'DUUfY
]a '\\\\f'\&\&\%'[Ygh]Y[Yb"

#### I a k Y hgWX i hn i b X ''U[X]WX Y A U b b U a Y b

8]Y'8]g\_i gg]cb'ØVYf'X]Y'B]`[ÀbgY']gh'b]W\h'bi f'Ui Z``c\_U`Y

; Y[YVYb\Y]hYb'VYgW\fÀb\_hž'gcbXYfb'gd]Y[Y`h'Ui W\'Y]bY

i a ZUggYbXYfY'8YVUhhY'ØVYf'XYb'I a k Y`hgW\i hn'k]XYf''K À\fYbX

Y]b][Y'9I dYfhYb'X]Y'B]`[Ubg'U`g']bj Ug]j Y'5fh'VYhfUW\hYbž'[]Vh'Yg

UbXYfYž'X]Y'Ui Z'X]Y'dcg]h]j Yb'5gdY\_hY'XYf'Jc[Y`Ufh'\]bk Y]gYb''

8]Y'K Y[Yž'k]Y'X]Y'?ca a i bYb'a]h'gc`W\Yb'< YfUi gZcfXYfi b[Yb

i a [Y\Ybž'g]bX'[fi bX`Y[YbX'ZØf'XYb'BUhi fgW\i hn''

@Ub[Zf]gh][']gh''YXcW\'\_`Ufž'XUgg'Y]bY'bUW\\U`h][Y'@Ògi b[bchk YbX][']gh"'8]Y'GhUXh': fUb\_Zi fh'i bX'X]Y'9I dYfhYb'g]bX'g]W\Y]b][ž'XUgg'Y]bY'YZZY\_h]j Y'?cbhfc``Y'XYf'B]`[Ubgdcdi `Uh]cb'b]W\hXi fW\'5VgW\ØggY'YffY]W\h'k YfXYb'\_Ubb"'8]Y'6Y'U[i b['k]fX'U`gkYb]['YZZY\_h]j Yg'A]hhY``Ub[YgY\Ybž'i bX'Yg'VYghY\h'Y]b\_cbgYbgi Y``Yg'5b`]Y[Ybž'U`hYfbUh]j Y'GhfUhY[]Yb'ni 'Z]bXYbž'X]Ygckc\``X]Y'6Y`Ub[Y'XYf'6Øf[Yf'U`g'Ui W\'XYb'GW\i hn'XYfJc[Y`UfhYb'VYfØW\_g]W\h][Yb"

#### 9]b 6`]W\_ bUW ij cfbY

8]Y'B]`[Ubg'k]fX'Ui W\']b'XYf'Ni \_i bZh'Y]b'H\Ya U']b'XYf'GhUXh V'Y]VYb"'8]Y'< YfUi gZcfXYfi b[ž'Y]bY'6U`UbW'nk]gW\Yb'XYa GW\i hn'XYf'5fhYb'i bX'XYf'@YVYbgei U`]hÀh'XYf'6Øf[Yf'ni 'Z]bXYbž k]fX'YbhgW\Y]XYbX'ZØf'X]Y'\_ØbZh][Y'I a kY'hdc`]h]\_']b': fUb\_Z fh gY]b"'+bbcj Uh]j Y'5bgÀhnYž'X]Y'gck c\`'X]Y'a YbgW\`]W\Yb 6YXØfZb]ggY'VYfØW\_g]W\h][Yb'U`g'Ui W\'XYa 'BUhi fgW\i hn FYW\bi b['hfU[Ybž\_ObbhYb'XYf'GW\'ØggY`'ZØf'Y]b'\Ufa cb]gW\Yg A]hY]bUbXYf'gY]b"'+b'XYf'5i gY]bUbXYfgYhni b['a]h'XYa 'B]`[Ubg! H\Ya U'k]fX'g]W\'nY][Ybž'k]Y'ZYI]VY``i bX'fYgdcbg]j 'X]Y GhUXhj Yfk U'hi b['Ui Z'X]Y'6YXØfZb]ggY']\fYf'9]bk c\bYf'i bX'X]Y 9fZcfXYfb]ggY'XYg'BUhi fgW\i hnYg'fYU[]YfYb'\_Ubb"

8]YB]`[Ubgžk]ggYbgW.UZn`]W.'U`g`l5`cdcW.Yb'UY[mdh]UWUlVY\_Ubbhži]ghii fgdfØb[`]W.']b'5Zf]\_U'i bX'HY]`Yb'GØXYi fcdUg
VY\Y]a UhYh''6YfY]rg']a '&\$"'\*J\\f\i bXYfh'k i fXY'g]Y'U`g'N]Yfj c[Y`bUW.'9i fcdU'Y]b[YZØ\fhži bX'gY]hXYa '\Uh'g]W.']\fY'Dcdi `Uh]cb
ghUf\_'j Yfa Y\fh''8]Y'B]`[Ubg']gh'Ui Z[fi bX']\fYf
5bdUggi b[gZÀ\][\_Y]h'gck]Y']\fYf'\c\Yb': cfhdZUbni b[gfUhY']b
j]Y`Yb'ghÀXh]gW.Yb'; YV]YhYb'ni 'Y]bYa 'j YfVfY]hYhYb'5bV`]W\_
[Yk cfXYb'''+b'8Yi hgW.`UbX'k]fX'X]Y'B]`[Ubg'U`g'dchYbn]Y``
]bj Ug]j Y'5fh'VYhfUW.hYhžk Y]`'g]Y']b'?cb\_i ffYbn'ni 'Y]b\Y]a]gW.Yb
J c[Y`UfhYb'hf]hh'i bX'bY[Uh]j Y'5i gk]f\_i b[Yb'Ui Z'`c\_U`Y
2 \_cgmghYa Y'\UVYb'\_ObbhY'''@Ui h'XYa '6i bXYgUa h'ZØf
BUhi fgW.i hn'k]fX'X]Y'5fh']b'XYf' FchYb'@]ghY'XYf'[YZÀ\fXYhYb
5fhYb 'nk Uf'b]W.h'U`g'VYXfc\h'Y]b[Yghi Zhž'YXcW.'[]Vh'Yg
k UW.gYbXY'6YXYb\_Yb'\]bg]W.h`]W.'XYf'O\_c`c[]gW.Yb': c`[Yb']\fYf

9]b 'nYbhfu`Yf '5gdY\_h']a 'I a [ Ub[ 'a ]h'XYf 'B]`[ Ubg 'VYghY\h']b 'XYf 8]g\_i gg]cb 'i a 'I a k Y`ha UbU[ Ya YbhghfUhY[ ]Yb "'8 Ug'k Y]h j YfVfY]hYhY 'DfcV`Ya 'XYf': ØhhYfi b[ 'j cb 'K ]`Xj Ò[ Y`b 'Xi fWX A YbgWX Yb 'hfÀ[ h'Yf\YV`]WX 'ni f'`c\_U`Yb 'Dcdi `Uh]cbgYf\Ò\i b[ 'VY]" 8]Y 'DfcV`Ya Yž'X]Y 'Xi fWX 'XUg': ØhhYfb 'j cb 'B]`[ ÀbgYb 'YbhghY\Ybž g]bX'j ]Y`ZÀ`h][ 'i bX 'VY]b\U`hYb 'b]WX h'bi f'X]Y', VYfdcdi `Uh]cbž gcbXYfb 'Ui WX 'X]Y 'J YfgWXa i hni b[ 'ÒZZYbh`]WX Yf 'F Ài a Y 'Xi fWX '? ch" 9]b 'j cb 'XYf 'GhUXh': fUb\_Zi fh']b]h]]YfhYg'5i Z\_`Àfi b[ g\_cbnYdh j Yfgi WX hž'6Øf[ Yf 'XUfØVYf 'ni ']bZcfa ]YfYbž'k ]Y 'g]Y 'ni f J Yff]b[ Yfi b[ 'XYg'DfcV`Ya g'VY]hfU[ Yb '\_ÒbbYb"

### 8]Y'Fc``Y'jcb'6]`Xib['ibX'5iZ\_`Àfib[

 $8 ] Y \cdot GhUXh': fUb\_Z \cdot fh' \setminus Uh'A \cdot U \Rightarrow bU \setminus a \cdot Yb \cdot Yf[f] ZZYb \check{z} i \ a \cdot X] Y \cdot GYj \cdot O`\_Yfi b[\cdot ZØf \cdot X] Y \cdot < YfUi gZcfXYfi b[\cdot Yb \cdot fi bX \cdot i a \cdot X] Y \cdot B]`[\cdot AbgY \cdot ni gYbg] V]`]g] YfYb " J cf \cdot U``Ya \cdot 5 i Z\_`Afi b[\cdot g\_Ua \cdot dU[\cdot bYb \cdot gc ``Yb \cdot XUg \cdot 6Yk i gghgY] b \cdot gWX \cdot AfZYb \check{z} \cdot XUgg \cdot XUg : ØhhYfb \cdot j \cdot cb \cdot K \cdot J`X[\cdot AbgYb \cdot b] WX \cdot h b i f \cdot [\cdot Ygi \cdot bX \setminus Y]h`] WX Y \cdot F \cdot [g]\_Yb \cdot ZØf \cdot X] Y \cdot J \cdot O[\cdot Y \cdot gY \cdot Vgh \check{z} \cdot gc \cdot bXYfb \cdot Ui \cdot WX ZØf \cdot X] Y \cdot A \cdot YbgWX \setminus Y]h \cdot V]f[\cdot h'' \cdot Ni \cdot gAhn`] WX \cdot g]b X \cdot Ja \cdot GhUXh[\cdot YV] Yh \div Zcfa \ Uh]cbga \ UhYf] U`] Yb \ \check{z} \cdot k \ ]Y : U`hV`AhhYf \ i \ bX \cdot D`U\_UhY \ \check{z} \ ]a \ d`Ya \ Ybh] Yfh'k \ cfXYb \ \check{z} \cdot X] Y \cdot X] Y \cdot 6Øf[\cdot Yf \cdot Yfa \cdot i \cdot h][\cdot Yb \cdot gc``Yb \ \check{z} \cdot g] WX \cdot Ub \ X] Y \cdot F Y[\cdot Y`b \cdot XYf \cdot K \cdot J`Xh] Yf ZØhhYfi \cdot b[\cdot ni \cdot ` \ U`hYb''$ 

I a 'X]YgY'6Ya Ø\i b[Yb'ni 'i bhYfghØhnYbž'k YfXYb'K cf\_g\cdg'i bX \div Zcfa Uh]cbgj YfUbghU`hi b[Yb']b'Òfh`]W\Yb'GW\i `Yb'i bX; Ya Y]bgW\UZhgnYbhfYb'cf[Ub]g]Yfh"'N]Y`'X]YgYf'\dip]h]Uh]j Yb']gh'Ygž Y]b'VYggYfYg'J YfghÀbXb]g'ZØf'X]Y'^2 \_c`c[]Y'i bX'X]Y'@YVYbgk Y]gY XYf'B]`[Ubg'ni 'gW\UZZYbž'k Ug``Ub[Zf]gh]['\Y`ZYb'gc``ž'X]Y Dcdi `Uh]cb'\_cbhfc``]YfhYf'ni '\U`hYb"

# Ni gUa a YbZUggi b[ 'XYf' < YfUi gZcfXYfi b[ Yb i bX '9fZc`[ Y

8 Ug'B]`[ Ubg!A UbU[ Ya Ybh']b': fUb\_Z fh'ghY``h'X]Y'GhUXh'j cf nU\`fY]W\Y'< YfUi gZcfXYfi b[ Yb"'Hfchn'XYf'9fZc`[ Y']a 'C ghdUf\_ V`Y]Vh'XUg'DfcV`Ya 'XYf', VYfdcdi `Uh]cb'i bX'XYf'XUa ]h j YfVi bXYbYb'bY[ Uh]j Yb'5i gk ]f\_i b[ Yb'VYghY\Yb"'8]Y'[ YbUbbhY : ØhhYfi b[ 'Xi fW. 'DUggUbhYb'a ØggY'ghÀf\_Yf'fY[ `Ya Ybh]Yfh'k YfXYbži a 'X]Y'A U» bU\a Yb'ni f'J Yf[ fÀa i b[ 'bUW\\U`h][ 'ni 'i bhYfghØhnYb" Ni XYa 'a ØggYb'X]Y'ghÀXh]gW\Yb'6Y\ÒfXYb'i bX BUhi fgW\i hncf[ Ub]gUh]cbYb'k Y]hYf\]b'ni gUa a YbUfVY]hYbž'i a YZY\_h]j Y'@Ògi b[ Yb'ni 'Ybhk ]W\_Y`b"

8 Y hU]`g

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