

## < ]hnYk Y``Y`VY`UghYh'H\Øf]b[Yf'Nccg. H]YfY'gi W\Yb'i bVYX]b[h'GW\UhhYb°</pre>



; YfUž'8 Yi hgW `UbX'!K Ybb'X]Y HYa dYfUhi fYb ghY][Yb'i bX'X]Y GcbbY'[bUXYb`cg'VfYbbhž'k]ggYb'k]f'gcZcfh '9g']gh'NY]h'ZØf'Y]bY 5V\_Ø\`i b["'8 Ug'[]`h'b]W\h'bi f'ZØf'i bg'A YbgW\Ybž'gcbXYfb'Ui W\ZØf'X]Y'h]Yf]gW\Yb'6Yk c\bYf']b'Nccg'i bX'H]YfdUf\_g"'5\_hi Y```Y]XYbX]Y'H]YfY']a 'H\Øf]b[Yf'Ncc'i bX'H]YfdUf\_']b'; YfU'i bhYf'YI hfYa Yf</br/>
<|hnY"'8]Y'JYfUbhk cfh']W\Yb'\UVYb'j cf[Ygcf[hž'i a 'XYb'H]YfYb'UbX]YgYb'\Y]» Yb'HU[Yb'Y]b'k Yb]['9f'Y]W\hYfi b['ni 'j YfgW\UZZYb''`GckYfXYb'9]gVca VYb'a]h'[YZfcfYbYb'; Ya ØgY!'i bX'C VghghØW\_YbZØf'X]Y'5ZZYb'Ub[YVchYbž'k À\fYbX'GW\`Ua a VÀXYf'ZØf'X]YGW\KY]bY'i bX'gW\Uhh][Y'D`ÀhnY'ZØf'X]Y'6]gcbg'VYfY]h[YghY``hkYfXYb'''5i W\X]Y'H]YfY'\UVYb'ZfY]Yb'Ni [Ub['ni 'gW\Uhh][Ybž\_\_Ø\`YfYb'CfhYbž'k Ug'gY\f'k]W\h][']ghž'i a '<]hnYghfYgg'ni j Yfa Y]XYb''': Øf'XYb'GW\i hn'XYf'6Ygi W\Yf'k]fX'XUg'6YfVYfUZZYb!

; Y\Y[Y'\Yi hY'i a '%) "' \$'I \f'[YgW\`cggYbž'k À\fYbX'X]Y : ØhhYfi b[Yb'XYf'6]gcbg'i bX'@ÒZZY`\i bXY'k Y[Yb'XYf'\c\Yb HYa dYfUhi fYb'YbhZU``Yb'a ØggYb"

Hfchn'X]YgYf'<YfUi gZcfXYfi b[Yb']gh'ni 'VYcVUW\hYbž'XUgg'X]Y6Ygi W\YfnU\'Yb'Ub'\Y]\y\b'HU[Yb'Y\Yf'a À\y]['g]bXž'XU'j]Y`Y'bUW\5V\_Ø\`i b['gi W\Yb"'8Yf'H]YfdUf\_']b'; YfU'V]YhYh'XU\Yf'Y]bYb</br/>
<]hnYVcbi g'j cb'Y]bYa '9i fc'BUW\`Ugg'dfc'H]W\_Yhž'gcVU`X'X]YHYa dYfUhi fYb'' \$'; fUX'YffY]W\Yb"'\#b'X]YgYb'NY]hYb'k]fX<br/>
VYgcbXYfg'XUfUi Z'[YUW\hYhž'XUgg'X]Y'H]YfY'a]h'YfZf]gW\YbXYa; fØbZi hhYf'i bX'Ui gfY]W\YbX': f]gW\k UggYf'j Yfgcf[h'k YfXYb"'8]YG]hi Uh]cb']b'; YfU']gh'YXcW\'b]W\h'Y]bn][Ufh][/'Ui W\']b'UbXYfYbYi fcd\A]gW\Yb'@\AbXYfb'\_\Aa dZYb'Nccg'a]h'\A\b`]W\Yb</r>

## < YfUi gZcfXYfi b[Yb]b UbXYfYb FY[]cbYb

K ]Y Yhk U ]b XYf GWk Y]nž k c X]Y gca a Yf ]W Yb

FY\_cfXhYa dYfUhi fYb fY[Y a À»][ 'HU[Ygk YfhY ØVYf'' ) '; fUX

YffY]W Yb "8]Y Nccg ]b NØf]W ž; c X]b[Ybž 6UgY ž 6Yfb i b X @U

7\Ui I!XY!: cbXg \ UVYb j ]Y ZA h][Y a U» bU\a Yb Yf[f]ZZYbž i a

gck c\ `XUg K c\ `XYf H]YfY U g Ui W XYb ?ca Zcfh XYf 6Ygi W Yf ni
[Yk À\f Y]ghYb "9fk Y]hYfhY GW UhhYb VYfY]W Yž

ZYi W h][\_Y]hgfY[i `]YfYb XY 6 O XYb gck ]Y ni gÀhn`]W Y

K UggYfei Y `Yb g]b X bi f Y]b][Y XYf Ghf UhY[]Ybž X]Y ni f @b XYfi b[
j cb <]hnYghf Ygg VY]hf U[Yb "6 Ygcb XYfY 5i Za Yf\_gUa \_Y]h []`h XUVY]

XYb ?U h\_`]a Uh]Yfh]YfYb k ]Y GW b YY `Ycd Uf XYb i b X D]b[i]b Ybž X]Y

VYgcb XYfg i bhYf XYf <]hnY `Y]XYb"

8 UfØVYf`\]bUi g`\Uh'g]W\`[YnY][hž:XUgg`H]YfY`]\fY`5\_h]j ]hÀh'Ub`X]Y < ]hnY`UbdUggYb`a ØggYb"8 Àa a Yfi b[gU\_h]j Y`H]YfY`\_ÒbbYb`Xi fW\XUg`< ]hnYj Yf\U`hYb`XYf`6Ygi W\Yf``Y]W\h'Ui g`]\fYa `bUhØf`]W\YbF\mh\a i g`[YfUhYb"`I a `XYa `Ybh[Y[Ybni k]f\_Ybž'Ya dZY\`Yb`j]Y`Y\Nccgž'X]Y`5b`U[Y`]b`XYb`\_Ø\`YfYb`A cf[Ybghi bXYb`ni `VYgi W\Ybž kYbb`X]Y`HYa dYfUhi fYb`bcW\`a cXYfUhYf`g]bX`i bX`X]Y`H]YfY\U\_h]j Yf`YfgW\Y]bYb"

K ]Y'X]Y': cfgWki b['nY][hžghY``h'<]hnYghfYgg'b]Wkh'bi f']b'Nccg'Y]b
DfcV`Ya 'XUf"'5i Wk'VY]'Bi hnh]YfYbž'k]Y'A]`Wk\_Ø\Ybž'\_Ubb'X]Y
ghY][YbXY'Ia[YVi b[ghYa dYfUhi f'[fc»Y'[Ygi bX\Y]h`]WkY
5i gk]f\_i b[Yb'\UVYb"'8Ug'6i bXYgUa h'ZØf'@UbXk]fhgWkUZh']b'XYf
GWk Y]n'UfVY]hYh'Ub'Dfc'Y\_hYb'ni f'9f\_Ybbi b['i bX'JYfa Y]Xi b[
j cb'<]hnYghfYgg'VY]'j YfgWk]YXYbYb'H]YfUfhYb"'9g'k]fX'k Yfh'Ui Z
JYf\U`hYbga Yf\_a U`Y'[Y`Y[hž'X]Y'Ui Z'VY[]bbYbXYb'<]hnYghfYgg
\]bk Y]gYbž'k]Y'Yhk U'k Yb][Yf'@]Y[Yb'i bX'Ub\U`hYbXY'BÀ\Y'ni
K UgqYfhfÀb\_Yb'cXYf'qWkUhh][Yb'GhY``Yb"

8]Y'9f\_Ybbhb]ggY'Ui g'X]YgYb': cfgWki b[Yb'\_ObbhYb'`Yhnh`]Wk'Ui Wk
XYb'Nccg'ni [i hY\_ca a Yb'i bX'\Y'ZYbž'X]Y'H]YfY']b']\fYf
@YVYbgei U`]hÀh'ni 'gWkØhnYb"'=b'Y]bYf'NY]hž']b'XYf'<]hnYk Y``Yb'ZØf
j ]Y`Y'FY[]cbYb'ni f'Bcfa U`]hÀh'[Yk cfXYb'g]bXž']gh'Yg'i a gc
k ]Wkh][Yfž'XUgg'gck c\`'H]YfdUf\_g'U`g'Ui Wk'df]j UhY'H]Yf\U`hYbXY
[YY][bYhY'A U» bU\a Yb'Yf[fY]ZYbž'i a 'XYb'H]YfYb'Y]b'YfhfÀ[`]WkYg
@YVYb'ni 'Yfa O`[`]WkYb"

8 ] Y `G ] hi Uh] c b `n Y ] [ h ` X Y i h`] W X ž ` X Ugg `a Ub ` Y ] b `[ i h Y g ` < À b X W Y b ` ZØ f X ] Y `H] Y f d Z Y [ Y ` \ UV Y b `a i gg ž [ Y f U X Y `] b ` X ] Y g Y b ` \ Y ] » Y b ` A c b Uh Y b " · 9 g k ] f X `N Y ] h ž ` X Y b ` H] Y f Y b ` X ] Y ` j Y f X ] Y b h Y ` 5 V \_ Ø \ ` i b [ ` i b X ` G W Uh h Y b ` n i V] Y h Y b ` i b X ` [ ` Y ] W n Y ] h] [ ` X ] Y ` Y ] [ Y b Y b ` 9 f ` Y V b ] gg Y ` ] a ` N c c ` U b [ Y b Y \ a n i ` [ Y g h U ` h Y b " · 8 ] Y ` j Y f g W X Y b Y b ` 5 b g À h n Y ` ] b ` 8 Y i h g W ` Ub X ` i b X ` X Y f G W k Y ] n ` g ] b X ` X U V Y ] ` j Y f g d f Y W Y b X ` i b X ` \_ Ò b b h Y b ` U ` g ` J c f V ] ` X ` Z Ø f n i \_ Ø b Z h ] [ Y ` A U » b U \ a Y b ` X ] Y b Y b "

 $h \in Yf = Yb = XY \cdot VYf = W hYh \dot{z} \cdot XUgg$ 

]a h] $W_Yf''WX \cap ]YZYfh'=bZcfa Uh]cbYb'ni <math>\cap$ 

V`j "UXa ]b"WX`]bZcfa ]Yfh'ØVYf

8 YhU]`g	
Cfh	; YfUž'8 Yi hgWX`Ub X
EiY``Yb	• h\i Yf]b[Yb"XY
	• ]a h]W <u>Y</u> f"W

8YhU]`g	
	• k k k "V`j "UXa ]b"W\

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