

## BYi Yf GhYfb Ua '>YbUYf' < ]a a Y`. '@Ub\_ZcfX k YW gY`h ni a ': 7 '7 Uf` 'NY]gg°

: 7 '7 Uf``NY]gg'≯bU'j YfdZ]W\hYh'?Yj ]b'@Ub\_ZcfX'j ca '6: 7 8 mbUa c"'8Yf'&\*!À\f][Y'i bhYfgW\fY]Vh'V]g'&\$&+'i bX'Vf]b[h k Yfhj c``Y'9fZU\fi b['a]h"



XbUž8Yi hgWX`UbX`!'8Yf:: 7'7Uf``NY]gg'\*XbU'[Y\h'a]h'Zf]gWXYa
K ]bX']b'X]Y'\_ca a YbXY'GU]gcb'i bX'\Uh'Y]bYb'bYi Yb'Gd]Y`Yf'Ub
@UbX'[Ync[Yb.'?Yj]b'@Ub\_ZcfX'k YWXgY`h'j ca '6: 7'8mbUa c'bUWX
XbU'i bX'j YfghÀf\_h'XUg'HYUa 'ZØf'X]Y'bÀWXghYb'nk Y]'\*XU\fY"'8Yf
&\*!'À\f][Y'CZZYbg]j U``fci bXYf'\Uh'VY]'gY]bYa 'V]g\Yf][Yb'J YfY]b
]b'XYf'j Yf[Ub[YbYb'GU]gcb'Y]bXfi W\_gj c``'Ui Z[YnY][hž']bXYa 'Yf
gck c\``]b'XYf'@][U'U`g'Ui WX']a 'Dc\_U`'Yk Y]`g'nY\b'HcfY'Yfn]Y`hY
i bX'j cfVYfY]hYh'\Uh''8]YgY'ghUf\_Y'@Y]ghi b['gcf[h'bUhØf`]WX'ZØf
\c\Y'9fk Ufhi b[Yb'VY]'XYb': Ubg'i bX']a 'HfU]bYfhYUa''

@Ub\_ZcfXž'[YVcfYb']b'<Y]XYb\Y]a ž'\Uh'Y]bYb'JYfhfU['V]g'Gca a Yf &\$&+'i bhYfnY]W\bYh'i bX'Vf]b[h'Y]bY': Ø``Y'j cb'9fZU\fi b['Ui g j YfgW\]YXYbYb'@[Yb'a]h"'9f'VY[Ubb'gY]bY'?Uff]YfY'VY]a 'J Z6'i bX GGJ T `a ž'VYj cf'Yf'&\$%) 'ni a '%": 7'<Y]XYb\Y]a 'k YWkgY`hY'i bX Xcfh'&\$%+ 'gc[ Uf'gY]b'8YVØh']b'XYf'&"'6i bXYg`][ U'[ UV"'A ]h ]bg[ YgUa h') %'9]bgÀhnYb']b'XYf'&"'@][ U'i bX'\*\$'Gd]Y`Yb']b'XYf'' "@][ U'\Uh'Yf'VYfY]hg'VYk ]YgYbž'XUgg'Yf'g]Wk'Ui Z'\c\Ya 'B]j YUi VY\Ui dhYb'\_Ubb"'GY]b''YhnhYf'[ fc»Yf'9fZc`[ 'k Uf'XYf'; Yk ]bb'XYg 6Yf`]bYf'Dc\_U`g'a ]h'XYa '6: 7'8mbUa cž'k c'Yf']a ': ]bU`Y YbhqWkY]XYbX'hfUZ'i bX'gca ]h'ni a '7\Ua d]cb'VY]hfi [ "

## $7 \setminus UbWY ZØfXYb : 77$

HfU]bYf'Jc`\_Ub'I`i WÀi » YfhY'g]W\'VY[Y]ghYfh'ØVYf'@Ub\_ZcfXg
J YfdZ]W\hi b['i bX'VYnY]W\bYhY']\b'U`g'GW\`ØggY`gd]Y`Yfž'XYf'Ui Z
bU\Yni 'U``Yb'cZZYbg]j Yb'Dcg]h]cbYb'Y]b[YgYhnh'k YfXYb'\_Ubb"
8 Ua ]h'j Yfgdf]W\h'XYf'BYi ni [Ub['Y]bY']bhYfYggUbhY'Cdh]cb'ZØf'X]Y
hU\_h]gW\Yb', VYf`Y[i b[Yb'XYf'\*\bUYf"'@Ub\_ZcfXž'XYf'g]W\'U`g
ZYI]V`Yf'Gd]Y`Yf'nY][hž']gh'XUfØVYf'\]bUi g'a ]h'XYf'FY[]cbU``][U
BcfXcgh'[i h'j YfhfUi h'i bX'g]Y\h']b'X]YgYf'bYi Yb'<YfUi gZcfXYfi b[
ZØf'g]W\'dYfgÒb`]W\'[fc » Y'7\UbW\b"

⇒W. ZfYi Y a ]W. Ui Z'X]Y Ni gUa a YbUfVY]ha ]h'XYf'A UbbgW. UZhi bXX]Y I bhYfghØhni b[ 'XYf': Ubg ž'`]Y» '@Ub\_ZcfX'j Yf`Ui hYb"'9f'Vf]b[ h b]W. h'bi f'gY]bY 'Zi » VU``Yf]gW. Y '? ca dYhYbnž'gcbXYfb'Ui W. 'XYbbÒh][ Yb'9\f[ Y]n'a ]hži a 'XUg'HYUa 'k Y]hYf'bUW. 'j cfb'ni 'Vf]b[ Yb" 8 Yf': 7 7 'd`Ubhž'XYb'? UXYf'ZØf'X]Y 'GU]gcb'&\$&(#&\$&) 'cdh]a U`Ui Zni ghY``Yb'i bX'g]Y\h']b'@Ub\_ZcfX'X]Y'dUggYbXY'9f[ Àbni b[ "

## GhUh]gh]\_'i bX'DYfgdY\_h]j Yb

5gdY_h	Ni [Àb[Y	5V[Àb[Y
5bnU\`	&, +	&, \$

8 i fWX gWX b]hhgU`hYf	&&ž <sup>:</sup> 划\fY	&) ž& '\\ fY
; YgUa ha Uf_hk Yfh	&ž( \$ A ]c"	( ž+' 'A ]c"'

8]Y 'J cfZfYi XY 'Ui Z'X]Y 'VYj cfghY\YbXY 'GU]gcb'k ÀW gh'i bX'X]Y
9fk Ufhi b[Yb'g]bX'\cW\'j cf'U``Ya 'k Ug'X]Y '@Y]ghi b[Yb'j cb
@Ub\_ZcfX'Ub[Y\h" 8Yf': 7'7Uf``NY]gg'\*\bU\\Uh'a ]h'X]YgYa
BYi ni [Ub['\_`Uf'Y]b'[i hYg'<\AbXWXYb'\VYk]YgYb"'6`Y]\Vh
U\ni k UfhYbž'k]Y'g]\W\'XUg'HYUa ']b'XYf'FY[]cbU``][U'BcfXcgh
g\W\`U[Yb'k]fX"'J]Y``Y]\W\h']gh'Yg'XYf'5bZUb['Y]bYf'YfZc`[fY]\W\Yb
FY]gY'Z\Øf'XYb': 77"

 $\begin{tabular}{ll} K Y]hYfY" & $\mathbb{Z}_c$ fa Uh]cbYb" ni "X]YgYa "HfUbgZYf" i bX"XYf \\ ?UXYfd`Ubi b["["]Vh'Yg"Ui Z'H\Øf]b["Yb&("ž"ZW'WUf`nY]gg!~YbU"XY i bX"hfUbgZYfa Uf_h"XY" \\ \end{tabular}$ 

8 Y hU]`g	
Cfh	¥bUž8Yi hgWX`UbX
EiY``Yb	• k k k "h\i Yf]b[ Yb&( "XY
	<ul><li>k k k "ZW/WUf`nY]gg! ^YbU"XY</li></ul>
	<ul><li>k k k "hfUbgZYfa Uf_h"XY</li></ul>

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