

## FYjc`ih]cb'XYf'@Y\fYfV]`Xib[.'%'bYiY =a di`gY'ZØf'6UmYfbg'GW\i`Yb°

5a '+"'A U]'&\$&) 'j YfÒZZYbh`]W\hY X]Y 'I b]j Yfg]hÀh'FY[ YbgVi f[ Y]b'k]W\h][ Yg'; i hUW\hYb'ni f'@Y\f\_fÀZhYV]`Xi b[ ']b'6UmYfbž YfghY``h'j cb'Y]bYf'9I dYfhYb\_ca a ]gg]cb"'8]g\_i h]Yfh'k i fXYb nYbhfU`Y'9a dZY\`i b[ Yb'i bX'<YfUi gZcfXYfi b[ Yb'ZØf'X]Y Ni \_i bZh'XYg'@Y\fVYfi Zg"



FY[YbgVi f[ž8Yi hgWX`UbX`!`5a `+"`A U]`&\$&)`k i fXY`XUg
; i hUWX hYb` @Y\f\_fÀZhYV]`Xi b[`ZØf`XUg`&%"`\*J\f\i bXYfh
j YfÒZZYbh`]WX hž`XUg`]a `5i ZhfU[`XYf`6UmYf]gWXYb`GhUUhgfY[]Yfi b[
j cb`Y]bYf`%' !\_ÒdZ][Yb`9I dYfh]bbYb!`i bX`9I dYfhYb\_ca a ]gg]cb
YfghY``h`k i fXY"`8]YgY`?ca a ]gg]cbž`i bhYf`XYf`@Y]hi b[`j cb`DfcZ"]b
8f"`5b]hU`GWX]`WXYfž`@Y\fghi \`]b\UVYf]b`ZØf`8]XU\_h]\_`XYf
XYi hgWXYb`GdfUWXY`i bX`@]hYfUhi f`Ub`XYf`I b]j Yfg]hÀh`FY[YbgVi f[ž
gYhnhY`g]WX`Ui g`Y]bYa `Ghi X]YfYbXYbj YfhfYhYfž`gYWXg`A]h[`]YXYfb
Ui g`@Y\f\_fÀZhYj YfVÀbXYb`i bX`gYWXg`K]ggYbgWXUZh`Yfb
VUmYf]gWXYf`I b]j Yfg]hÀhYb`ni gUa a Yb"`8]Y`5fVY]hYb`XYf
?ca a ]gg]cb`YfghfYW\_hYb`g]WX`j cb`Gca a Yf`&\$&'`V]g`8YnYa VYf

FibX'+\$'HY]'bY\a YbXY'Ui g'j YfgW\]YXYbYb'6YfY]W\Yb'k]Y

K ]ggYbgW\UZhž'GW\i `Y'i bX'GYa ]bUfUi gV]`Xi b['hfUZYb'g]W\'Ua '%-"

A U]'&\$&) ']a 'FY[YbgVi f[Yf'I b]j Yfg]hÀhgnYbhfi a 'ZØf

@Y\fYfV]`Xi b['fFI @\Z'i a 'X]Y'H\YgYb'XYg'; i hUW\hYbg'ni

X]g\_i h]YfYb"'DfcZ"'8f"'B]\_c`Ui g'?cfVYfZ'J]nYdfÀg]XYbh'ZØf'Ghi X]i a Z

@Y\fY'i bX'K Y]hYfV]`Xi b[ ž'i bhYfghf]W\'X]Y'FY`Yj Ubn'XYg

; i hUW\hYbg'ZØf'X]Y'VUmYf]gW\Yb'I b]j Yfg]hÀhYb'i bX'XYfYb

ni \_ØbZh][Y'9bhk]W\_`i b["

## =b\U`hY`i bX`9a dZY\`i b[Yb`XYg'; i hUW\hYbg

8 Ugʻ; i hUWk hYbʻ[`]YXYfhʻg]Wkʻ]bʻj ]Yfʻ? Ud]hY`. '5bU`mgYʻVYghY\YbXYf DfcV`Ya Yžʻ@Ògi b[g`]b]Ybžʻ9W\_di b\_hYʻZØfʻX]YʻK Y]hYfYbhk ]W\_`i b[i bXʻl a gYhni b[gYa dZY\`i b[Ybžʻk cVY]ʻYgʻ]bg[YgUa hʻ%'ʻ\_cb\_fYhY < UbX`i b[gYa dZY\`i b[Ybʻi a ZUggh"·DfcZ"]bʻGWk]`WkYfʻ\cVʻX]Y Bchk YbX][\_Y]hʻY]bYfʻgWkf]hhk Y]gYbʻ=a d`Ya YbhUh]cbʻX]YgYf 9a dZY\`i b[Ybʻ\Yfj cf"·9]bYʻnYbhfU`Yʻ8]g\_i gg]cbʻXfY\hYʻg]Wkʻi a X]YʻUb[YXUWkhYʻ5i gk Y]hi b[ʻXYgʻ@Y\fUa hgghi X]i a gʻUi Zʻʻ\$\$ʻ97 HG! Di b\_hYʻi bXʻX]YʻXUa ]hʻj YfVi bXYbYbʻ7\UbWYbʻi bX < YfUi gZcfXYfi b[Yb"

HY]`bY\a YbXY`Ài » YfhYb`gck c\``6YXYb\_Yb`U`g`Ui W\
i bhYfghØhnYbXY`5f[i a YbhY"`Gi gUbbY`DfÒ`g`k UfbhY`j cf`a Ò[`]W\Yb
BUW\hY]`Yb`XYf`9fk Y]hYfi b[`XYg`Ghi X]Ybi a ZUb[gž'k À\fYbX
B]\_c`Ui g`? Ø\b\UW\_``X]Y`dchYbn]Y``Y`JYfY]b\Y]h`]W\i b[`XYg
JcfVYfY]hi b[gX]YbghYg`\_f]h]g]YfhY"`8YbbcW\`\YffgW\hY`9]b][\_Y]h
XUfØVYfž`XUgg`Y]b`ghÀf\_YfYf`DfcZYgg]cbgVYni [`i bX`Y]bY
?ca dYhYbncf]Ybh]Yfi b[`]a `GhUUhqYI Ua Yb`bchk YbX][`qY]Yb"

## EiU`]hÀhgcZZYbg]jY'@Y\fYfV]`Xib['ibX']\fY 6YXYihib[

 FYZcfa Yb'Ub'XYb'< cW\gW\i `Yb'i bhYfghØhnh"8]YgY'CZZYbg]j Y
n]Y`hY'XUfUi Z'UVŽXYb'6]`Xi b[gdfcnYgg'V]g']b'XYb'VYfi Z]W\Yb
5``hU['ni 'j YfVYggYfb'i bX'X]Y'E i U`]Z]n]Yfi b['j cb'@Y\f\_f\ZhYb'ni
gh\Af\_Yb"'5b'+&'< cW\gW\i `Yb'\k i fXYb'-&'Dfc'Y\_hY'[YZ\OfXYfh\Z'X]Y
g]W\'i bhYf'UbXYfYa 'a ]h'XYf'Cdh]a ]Yfi b['XYf'Ghfi\_hi fYb'i bX'XYf
I bhYfghØhni b['j cb'Ghi X]YfYbXYb'VYZUgghYb"'\d\Dfc'Y\_hYb'`U[
Y]b'\_`UfYf': c\_i g'Ui Z'XYf'JYfnU\bi b['j cb'H\Ycf]Y'i bX'DfUI]g
gck ]Y'XYf'X][ ]hU`Yb'HfUbqZcfa Uh]cb']b'XYf'@Y\fYfV]`Xi b["

#bg[YgUa h'nY][h'g]W\žXUgg'gck c\`X]Y'9f[YVb]ggY'XYg
; i hUW\hYbg'U`g'Ui W\XX]Y'6Y[`Y]ha U»bU\a Yb'XYf
E i U`]hÀhgcZZYbg]j Y'k Y[k Y]gYbX'ZØf'X]Y'ni \_ØbZh][Y
@Y\f\_fÀZhYV]`Xi b[']b'8Yi hgW\`UbX'g]bX"'8]Y': cfXYfi b[Yb'bUW\
\_`UfYb'Ghfi \_hi fYbž'Ub[Ya YggYbYf'5i gV]`Xi b['i bX'I bhYfghØhni b[XYf'@Y\f\_fÀZhY'ghY\Yb']a 'A]hhY`di b\_hž'i a 'XYb'5bZcfXYfi b[Yb
Y]bYf'a cXYfbYb'; YgY``gW\UZh'[YfYW\h'ni 'k YfXYb"

: Øf'k Y]hYfY' $\pm$ oZcfa Uh]cbYb'ni 'XYb'9a dZY\`i b[Yb'i bX'XYfYb dchYbn]Y``Yb'5i gk]f\_i b[Yb'Ui Z'X]Y'@Y\f\_fÀZhYV]`Xi b['g]bX'X]Y

 $\label{eq:continuous} $Zc^{(YbXYb)@b_g^{(Y)}ZfY]W. I b]j Yfg]hAh^FY[YbgVi f[ `VYf]WAhYhž' GK ? `6]`Xi b[ ž'6A 6: `@Y\fYfV]`Xi b[ "$ 

8YhU]`g	
J c f ZU``	Gcbgh][ Yg
Cfh	FY[YbgVif[ž8YihgWX`UbX
EiY``Yb	• k k k "i b]!fY[ YbgVi f[ "XY
	<ul><li>k k k "gk _!V]`Xi b[ "cf[</li></ul>
	• k k k "Va VZ"XY

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