

## DfY]gY'ghY][ Yb'k Y]hYf. '=bZ`Uh]cb']b 2 ghYffY]WX'^Yhnh'VY]'' ž%'

DUI gWX U`fY]gYb 'ghY][ Yb 'ghUf\_']a 'DfY]gž'VYY]bZi ggh'j cb &DZUh]cb ']b '2 ghYffY]WX "'9fZU\fYb 'G]Y 'a Y\f'ØVYf'X]Y U\_hi Y``Yb 'HfYbXg'i bX'l fgUWXYb"



² ghYffY]WX '! =a '5df]` &\$&) 'j YfnY]WX bYhY '² ghYffY]WX 'Y]bYb
5bgh]Y[ 'XYf =bZUh]cbgfUhY 'Ui Z' ž%'DfcnYbhž'Y]b' 5bgh]Y[ 'j cb'' ž\$
DfcnYbh']a 'A Àfn" 8]YgYf'DfY]gUbgh]Y[ 'k i fXY'i bhYf'UbXYfYa
Xi fWX '\Ô\YfY'Ghfca!'i bX'A]YhdfY]gY'gck]Y'hYi fYfY
DUi gWXU`fY]gYb'VY[ Øbgh][ h"'8Yf'JYfVfUi WXYfdfY]g]bXYI 'fJ D±
gh]Y[ 'Ui Z'%&+ž\*'Di b\_hYž'k cVY]'XUg'Xi fWXgWXb]hh`]WXY'DfY]gb]j YUi
]a 'JYf[ `Y]WX'ni a 'J cfa cbUh'i a '\$ž&'DfcnYbh'Ubgh]Y[ "'8]Yg
VYf]WX hYh'a Y]bVYn]f\_"Uh"

9]bY'YbhgWXY]XYbXY'Fc``Y'VY]a '5bgh]Y['XYf' $\pm$ DZ'Uh]cbgfUhYgd]Y`hYb'X]Y'?cghYb'ZØf'K c\bi b[Ybž'K UggYf'i bX'9bYf[]Yž'X]Y'i a ) ž&'DfcnYbh'\Ò\Yf'`U[Yb'U`g']a 'Jcf'U\f''' $\pm$ gVYgcbXYfY'X]Y Ghfca dfY]gY'gh]Y[Yb'XfUa Uh]gWX'i a ''\* ž('DfcnYbh'i bX'k UfYb

j YfUbhk cfh`]W\ 'ZØf'Y]bYb'5bgh]Y['jcb'\$ž+%'DfcnYbhdib\_hYb'nif; YgUa h]bZUh]cb"'8]Y'5i ggYhnib['a Y\fYfYf'ghUUh`]W\Yf 9bh`Ughib[ga U»bU\a Yb'ibX'Yf\O\hY'BYhnYbh[Y`hY'hfi[YbYVYbZU``g'nif'HYiYfib['VY]"'5i W\'X]Y'A]YhdfY]gYž'Y]bgW\`]Y»`]W\BYijYfa]Yhib[Ybž'nc[Yb'ia'(ž&'DfcnYbh'Ub'ibX'\UhhYb'Y]bYb9]bZigg'jcb'\$ž&&'DfcnYbhdib\_hYb'UiZ'X]Y'; YgUa h]bZ'Uh]cbž'k]Y'X]Y'DfYqqY'Uba Yf\_h"

## 9]bZiggXYfCghYfZYf]Yb

 $8 \ Yf' 5bgh]Y[\ 'XYf'@YVYbg\ U`hi b[\ g\_cghYb'k i fXY'ni gÀhn`]WX'Xi fWX XYb'gU]gcbU`Yb'9]bZi gg'XYf'CghYfZY]YfhU[\ Y'VYY]bZi ggh"'C\bY X]YgYb'k ÀfY'X]Y'<math>\Rightarrow$ DUh]cb'Ui Z'`YX][`]WX'&ž, 'DfcnYbh ni fØW\_[Y[Ub[Yb"'8]Y'?cghYb'ZØf': fY]nY]h'i bX'?i `hi f'gh]Y[Yb'i a ) ž\$'DfcnYbhž'k cni 'Ui WX'X]Y'hYi fYfYb'DUi gWXU`fY]gYb'VY]hfi [Ybž X]Y'i a '%( ž+'DfcnYbh'hYi fYf'k i fXYb"

## 8 Yb DfY]gUbgh]Y[ ]a 6]W

9]b'k Y]hYfYf']bhYfYggUbhYf'5gdY\_h']gh'X]Y'9bhk ]W\_\i b[']a 'J Yf\_Y\f" < ]Yf'gUb\_Yb'X]Y'DfY]gY'i a '\$\tilde{z}-'DfcnYbh\tilde{z}'k Ug'j cf'U\tilde{y}a 'Xi fW\ [Ygi b\_YbY'HfY]Vghc\tilde{z}\dfY]gY\tilde{z}\X]Y'VY]'Gi dYf'i bX'8]YgY\tilde{i}a '-\tilde{z}\,
DfcnYbh'Vnk "'-\tilde{z}-'DfcnYbh'\tilde{z}\Yyb\tilde{z}\VYY]b\tilde{z}\ ggh'k i fXY\"'; \tilde{Y}\W\nY]h][ k i fXYb': \tilde{i} [h]\W\_Yhg'i a '\%\tilde{z}\%'DfcnYbh'\tilde{h}'i fYf''

8]Y'U\_hi Y``Yb'9bhk ]W\_`i b[Yb'nY][Yb'XYi h`]W\ž'k]Y'j]Y`gW\]W\h][XYf'DfY]gUi Zhf]YV']gh'i bX'k Y`W\Y': U\_hcfYb']b'2 ghYffY]W\'ni f
Ub\U`hYbXYb'\DZ'Uh]cbgfUhY'VY]hfU[Yb"'8]Y'Z]bUbn]Y``Y'6Y`Ughi b[
XYf'<Ui g\U`hY'V`Y]Vh'\cW\'i bX'YfZcfXYfh'j cb'XYf'Dc`]h]\_'Y]b
U\_h]j Yg'<UbXY`bži a 'X]Y'@YVYbg\U`hi b[g\_cghYb'ni 'ghUV]`]g]YfYb"

8YhU]`g	
Cfh	<sup>2</sup> ghYffY]WX
Ei Y``Yb	• k k k "a Y]bVYn]f_"Uh
	<ul><li>k k k "X]YdfYggY"Wca</li></ul>

 $6\,Ygi\ WX\,Yb\,{}^*G]Y\,{}^*i\ bg\,{}^*Ui\ Z.\,{}^*Y]b\,Y!fY]gY\,{}^*X\,Y$