

## H]YfdUf\_; ch\U. H]Yf]gWXY 5VYbhYi Yf']b XYb 'Gca a YfZYf]Yb 'ZØf': Ua ]`]Yb '

9bhXYW\_Yb'G]Y'XYb'H]YfdUf\_'; ch\U.': Yf]YbhYfa ]bYž : ØhhYfi b[Ybž': Ø\fi b[Yb'i bX'h]Yf]gW\Y'5VYbhYi Yf'ZØf : Ua ]`]Yb']a 'Gca a Yf'&\$&) "



 $\label{eq:hodZYVYfKY[-&ž'--, *+'; ch\Už'8Yi hgW\`UbX'!'8Yf'H]YfdUf_; ch\U.'9]b'h]Yf]gW\Yg'Gca a YfUVYbhYi Yf']b'H\Øf]b[Yb$ 

K cfUi Z'ZfYi h'g]WX  $\stackrel{.}{=}$  fY': Ua ]`]Y']b'XYb'Gca a YfZYf]Yb3'9]b'6Ygi WX ]a 'H]YfdUf\_'; ch\U'\_ObbhY'X]Y'5bhk cfh'gY]b''J ca '&, "' $\stackrel{.}{=}$  b]'V]g', "5i [i gh'&\$&) 'j Yfk UbXY'h'g]WX'X]YgYf'VY`]YVhY'C fh']b'Y]b'k U\fYg DUfUX]Yg'ZØf'?]bXYf'i bX': Ua ]`]Yb'''K À\fYbX'XYf'H\Øf]b[Yf Gca a YfZYf]Yb'\UVYb'[fc>Y'i bX'\_Y]bY'H]YfZfYi bXY'X]Y; Y`Y[Yb\Y]hž'Ub'hÀ[`]WXYb': ØhhYfi b[Ybž'gdUbbYbXYb': Ø\fi b[Yb i bX'h]YfbU\Yb'6Y[Y[bi b[Yb'hY]`ni bY\a Yb''

K Yf'VYgcbXYfg'j ]Y`'j cb'XYb'H]YfYb'YfZU\fYb'a ÒW\hYž'gc``hY'g]W\X]Y': ØhhYfi b[gnY]hYb'b]W\h'Ybh[Y\Yb'`UggYb"'8]YgY'g]bX'k]Y'Zc`[h

- %%.\$\$`I\f``'HfUadY`h]YfY
- %%.' \$`I\f``GhYddYbZØWXgY
- %&.\$\$`I\f``DY`]\_UbY
- %(.'\$1\f' K UgWXVÀfYb
- %).\$\$`I\f``GhUWXY`gWXkY]bY

## GdUbbYbXY: Ø\fib[Yb'ZØf; fc» ibX'? `Y]b

9]b'k Y]hYfYg'<][\`][\h'g]bX'X]Y'9f`YVb]gZØ\fi b[Ybž'X]Y'Y]ba U`'dfc K cW\Y'ghUhhZ]bXYb''' $\Rightarrow$ XYb'A]hhk cW\'i a '%%.\$\$'I\f'Ua?UggYbg\cd'\_ObbYb'H]YfZfYi bXY'a]h'Zc`[YbXYb'H\YaYb'fYW\bYb.

- \$' "'\\*\]' ' ; YZ]YXYfhY': fYi bXY' ': Ugn]b]YfYbXYg'Ui g'XYf Jc[Y`k Y`h 'a ]h'\Jb]\_'GY]XY`

- &' "'> `] 9gY`gdUn]Yf[Ub[ a]hH\YfYgU'6igW\
- '\$"'\$\`]` GdUbbYbXY': U\_hYb'Ui g'XYa 'H]YffY]W\ 'a ]h J]W\_m'GW\a]YXY`
- \$\*"'5i [igh' FUi Vh]YfY'\Ui hbU\' K]ggYbgk YfhYg'ØVYf ibgYfY'FUi Vh]YfY a]h'5bbU'YbU'A Øbb]W\

9g``c\bh'g]W\ž'Ui Z'XUg'; Y`ÀbXY`ni '\_ca a Ybž'XUg'Ui Z'fi bX`gYW\g < Y\_hUf'D`Uhn'ZØf'Yhk U'%' \$'j YfgW\]YXYbY'H]YfUfhYb'V]YhYh''8]Y
I a [YVi b['k]fX'j cb'K À`XYfb'i bX'K UbXYfk Y[Yb'i a [YVYbž'k Ug ZØf'Y]bY'k]``\_ca a YbY'5Vk YW\g`i b['gcf[h'''Ni gÀhn`]W\'V]YhYh'XYf
H]YfdUf\_'Y]bYb'\_]bXYfk U[YbZfYi bX`]W\Yb'K Y['j cb'Yhk U''%ž+'\_a
@Àb[Y'i bX'['Y]W\'nk Y]'[fc>Y'Gd]Y`d`AhnY'ZØf'X]Y'\_`Y]bYb
6Ygi W\Yf"

## 9]b [ Ya Øh`]W Yf 5i g\_`Ub[ ']a 'H]Yfd Uf\_!7 UZÅ

BUWX 'Y]bYa 'gdUbbYbXYb'HU[']a 'H]YfdUf\_'`UXYb'XUg'H]YfdUf\_!
7 UZÅ 'gck ]Y'X]Y'j ]Y`Yb'GWXUi ZØhhYfi b[Yb'XUni 'Y]bž'XYb'HU[
[Ya Øh`]WX'Ui g\_`]b[Yb'ni '`UggYb"'8 Ug'7 UZÅ '\Uh'j cb'%\$.\$\$'V]g
%, .\$\$'I \f'[YÒZZbYh'i bX'j Yfk Ò\bh'X]Y'6Yqi WXYf'a ]h'GbUW qž

k Ufa Yb; Yhfàb\_Ybii bXi9]g"K YbbiG]YigdcbhUbig]bXži\_ObbYbiX]Y 9]bhf]hhg\_UfhYbiUi Wicbi]bYiYfk cfVYbik YfXYbžik cVY]iX]YiDfY]gY a ]hi, ž\$\$i9i fciZØfi9fk UWkgYbYiibXi) ž\$\$i9i fciZØfi?]bXYfij cbii iV]g %) i\J\fYbifYWkhi[Øbgh][ig]bX"8YfiiYhnhYi9]b`UggiYfZci[hi() A ]bi hYbij cfiGWki]Y»i b[iia i%, .\$\$i|\f"

6YgcbXYfg``cVYbgk Yfh`]gh`X]Y`Ni gUa a YbUfVY]h`XYg`H]YfdUf\_g`a ]h XYa `B56I ž`X]Y`[ Ubn^À\f][ `: Ø\fi b[ Yb`i bX`J cfhfÀ[ Y`UbV]YhYb" 5i W\`GW\i`\_`UggYb`g]bX`\Yfn`]W\`Y]b[ Y`UXYbži a `a Y\f`ØVYf`XYb BUhi fgW\i hn`i bX`X]Y`H]Yfk Y`h'ni `YfZU\fYb"

8 Yf 'H]YfdUf\_'; ch\U'nY][ h'XUa ]hž'XUgg 'Yf 'Y]b'Cfh'ZØf'X]Y'[ UbnY: Ua ]']Y']ghž'Ub'XYa '?]bXYf'gd]Y`YbX'`YfbYb'\_ÒbbYb"'A]h'Y]bYf
J]Y`nU\`'Ub'5\_h]j ]hÀhYbž'h]Yf]gW\Yb'6Y[ Y[ bi b[ Yb'i bX'Y]bYa
W\Ufa UbhYb'5a V]YbhY']gh'Y]b'6Ygi W\']a 'H]YfdUf\_'; ch\U'gc'[i h
k ]Y'DZ]W\h"'@UggYb'G]Y'g]W\'X]YgYg'9f`YVb]g'b]W\h'Ybh[ Y\Yb'

8 Yi hgWX`UbXk Y]h'nÀ\`h'XYf'H]YfdUf\_; ch\U'ni 'XYb'gc[YbUbbhYb; Y\Y]a h]ddgž'k À\fYbX'UbXYfY'H]YfdUf\_g'k]Y'XYf'9f`YVb]g!Ncc < Ubbcj Yf'cXYf'XYf'Ncc'@Y]dn]['ni 'XYb'Hcd!5XfYggYb'[Y\ÒfYb" 8 cWX'XYf'H]YfdUf\_; ch\U'\_Ubb'a]h'gY]bYf'ZUa]`]ÀfYb'5ha cgd\ÀfYi bX'XYa 'WXUfa UbhYb'5b[YVch'Xi fWXUi q'a]h\U`hYb"

6Ygi WXYb'G]Y'XYb'H]YfdUf\_; ch\U'i bX'Yf`YVYb'G]Y'Y]b'h]Yf]gWXYg 5VYbhYi Yfž'XUg'X]Y'\_`Y]bY'i bX'[fc»Y'H]YfZfYi bXY'VY[Y]ghYfb'k]fX 'XU'`]Y[h'k Ug'Ub'

8 Y hU]`g	
Cfh	HÒdZYVYf'K Y['&ž', *+'; ch\Už'8Yi hgW\`UbX
EiY``Yb	• k k k "cgWUf!Ua !ZfY]hU[ "XY
	• k k k "h\i Yf]b[Yb"]bZc
	<ul><li>k k k "ZUa ]`]YbfY]gYZ]YVYf"XY</li></ul>

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