

## ?ibgh']a 5ighUigW\. @mX]U'Ga]h\ Yf\_ibXYh'8fYgXYbg'9f]bbYfib[gcfhY

8 fYgXYb i bX 7 c i a Vi g j Yfh]YZYb ]\fY DUfhbYfgWX UZh ?i bghgWX UZZYbXY ]a '5 i ghUi gWX dfc[fUa a 'Yf\_i bXYb \_i `hi fY``Yg 9fVY i bX '9f]bbYfi b[ "



8fYgXYbž8Yi hgWX`UbX'! \( \frac{1}{2}\) XYf ZUgn]b]YfYbXYb'K Y`h'XYf?i bgh i bX'XYg']bhYfbUh]cbU`Yb'5i ghUi gW\g'YbhZU`hYh'g]W\ [YfUXY'Y]b gdUbbYbXYg'? Ud]hY`" \( @mX\)U'Ga \( \frac{1}{2}\) Y'FY]bY'\_fYUh]j Y \( A YX)Yb\_\@bgh`Yf]bž`\Uh'g]W\ 'Ui Z'X]Y'FY]gY'j cb'8fYgXYb'bUW\ 7c`i a Vi gž'C\]cž'VY[YVYbžii a 'h]YZYfY'9]bV`]W\_Y']b'XYb'5i ghUi gW\ nk ]gW\Yb'XYb'VY]XYb'DUfhbYfgh\AXhYb'ni '[Yk]bbYb"'GY]h'%---& j YfV]bXYh'Y]bY'DUfhbYfgW\UZh'VY]XY'Gh\AXhYž'X]Y'Xi fW\'Y]b \( 5i ghUi gW\Xdfc[fUa a '[YZYgh][h'k]fXž'XUg'gY]h'%--('j cb'XYf'?i`hi fgh]Zhi b['GUW\XgYb'i bX'XYa '; fYUhYf'7c`i a Vi g'5fhg'7ci bW]`i bhYfgh\@hhh'k]fX"'\( \frac{1}{2}\)k \( \frac{1}{2}\)M\( \frac{1}{2}\)K \( \frac{1}\)K \( \frac{1}{2}\)K \( \frac{1}{2}\)K \( \frac{1}\)K \( \frac{1}{2}\)K \( \frac{1}{2}\)K \( \frac{1}{2}\)K \( \frac{1}\)K \( \frac{1}\)K \( \frac{1}\)K \( \frac{1}\)K \( \frac{1}\)K \( \fra

8]Y %-! A\f][Y @mX]U Ga ]h\ bi hnh]\fY NY]h]b 8 fYgXYbži a
9f]bbYfi b[gcfhY k]Y Fi ]bYb i bX 8 Yb\_a A`Yf ni Yf\_i bXYb" =\fY
5fVY]h VYgW\AZh][hg]W\ ]bhYbg]j a ]h XYf K YW\gY`k]f\_i b[j cb
\_i `hi fY``Ya '9fVY i bX XYf K U\fbY\a i b[j cb 'C fhYb" G]Y gi W\h
bUW\ XYb BUfVYb XYg Nk Y]hYb K Y`h\_f]Y[g']b XYf GhUXhž k cVY] g]Y
i bhYf UbXYfYa 'XYb Gck Yh]gW\Yb'; Ufb]gcbZf]YX\cZž X]Y
: fUi Yb\_]fW\Y i bX Y]bYb HfØa a YfVYf[ ']b : f]YXf]W\ghUXh'Ui Z']\fY
6YXYi hi b[ '\]b i bhYfgi W\h" 8]YgY GhY``Yb g]Y\h'g]Y 'U`g'7\UbW\bž
Ui g'XYf'; YgW\]W\hY ni '`YfbYb'i bX XYfYb'9]bZi gg'Ui Z'X]Y '\Yi h][Y; YgY``gW\UZh'ni 'fYZY\_h]YfYb"

## 9]b.6.W.W.Vf.XYb.HY.YffUbX

7c`i a Vi gž'X]Y 'XmbUa ]gWXY' < Ui dhghUXh'XYg'6i bXYgghUUhYg'C \]cž VY\YfVYf[h'a]h'&ž%\* 'A]``]cbYb'9]bk c\bYfb']b 'XYf'A Yhfcdc`]hUb FY[]cb'Y]bY'Zcf]YfYbXY'?i bghgnYbY'i bX']gh'j cb'Y]bYf'ghUf\_Yb XYi hgWXYb'7ca a i b]hm'[YdfÀ[h''8]Y 'GhUXh'V]YhYh'b]WXh'bi f \]ghcf]gWXYb'7\Ufa Yž'k]Y 'XUg'VYfØ\a hY'; Yfa Ub'J]``U[Yž gcbXYfb'Ui WX'6]`Xi b[gfYggci fWYbž'XU'X]Y'C\]c'GhUhY'I b]j Yfg]hm Xcfh']\fYb'G]hn'\Uhž'X]Y'[fÒ»hY'I b]j Yfg]hÀh'XYf'I G5"'5i WX'[fc»YI bhYfbY\a Yb'i bX'ZØ\fYbXY': cfgWXi b[gY]bf]WXhi b[Yb'a UWXYb X]Y'GhUXh'ni Y]bYa ']bbcj Uh]j Yb'Cfhž'k]Y 'XfYgXYb''XY'XUfghY``h''

8 c W 'X]Y' < YfUi gZcfXYfi b[Yb'g]bX'b]Wh'ZYfbž']bgVYgcbXYfY'a]h 6`]W\_'Ui Z'X]Y'dc`]h]gWXYb'9bhk]W\_`i b[Yb']b'XYb'I G5"'Ga]h\'Ài » Yfh 6Ygcf[b]g'VYnØ[`]WX'XYf'a Ò[`]WXYb'?Øfni b[Yb'VY]: ÒfXYfdfc[fUa a Yb'ZØf'?i bgh'i bX'6]`Xi b["'\delta' X]YgYa'?cbhYl h k]fX'XYf'K Yfh'j cb'5fh]ghg!]b!FYg]XYbWY!Dfc[fUa a Yb'i bX]bhYfbUh]cbU`Ya'5i ghUi gWX'i a gc'XYi h`]WXYfž'i a'?Øbgh`Yf]bbYb i bX'?Øbgh`Yfb'Y]bY'D`UhhZcfa'ni f'[Y[YbgY]h][Yb'l bhYfghØhni b['ni V]YhYb"

## ?fYUh]j Yf'5i ghUi gWX 'U`g'6fØW\_Y'ZØf J YfghÀbXb]g

8]Y'6YXYi hi b['XYg']bhYf\_i `hi fY``Yb'8]U`c[g'k]fX'Ui W\'Ui Z dc`]h]gW\Yf'9VYbY']a a Yf'XYi h`]W\Yf'' $\pm$ b]h]Uh]j Yb'k]Y'X]Y

Ui gk Àfh][Y'?i `hi f! i bX'6]`Xi b[gdc`]h]\_'8Yi hgWX`UbXg'n]Y`Yb
XUfUi Z'UVž'Xi fWX'?i bgh'i bX'6]`Xi b[']bhYfbUh]cbU`Yg'J YfghÀbXb]g
ni 'ZÒfXYfb"'8]YgY'Dc`]h]\_ž'X]Y'Y]bY'XYf'XfY]'GÀi `Yb'XYf'XYi hgWXYb
5i »Ybdc`]h]\_'XUfghY``hž'VYhcbh'X]Y'K ]WXh][\_Y]h'XYg'5i ghUi gWXYgž
Ui WX']b'hi fVi `YbhYb'NY]hYbž'gc'5i »Yba ]b]ghYf]i a "

A ]h']\fYa '5i ZYbh\U`h']b'8 fYgXYb'a ÒW\hY'@mX]U'Ga ]h\']\fY DYfgdY\_h]j Yb'Yfk Y]hYfb'i bX'Xi fW\']\fY'\_fYUh]j Y'5fVY]h'g]W\hVUf a UW\Ybž'k Y`W\Yg'DchYbn]U`'X]YgY'C fhY'i bX'XYfYb'; YgW\]W\hY']b g]W\'hfU[Yb''\=\f'5i ghUi gW\'k ]fX'b]W\h'bi f']\fYf'Y][YbYb'?i bgh ni [i hY\_ca a Ybž'gcbXYfb'\_\ObbhY'Ui W\'Y]bYb'k Yfhj c``Yb'6Y]hfU[ni a 'hfUbgUh`Ubh]gW\Yb'8]U`c['`Y]ghYb'''GW\`]Y\\`]W\'[]`h'?i bgh`\Uh X]Y'?fUZhž'6fØW\_Yb'ni 'VUi Yb'i bX'J Yfgh\AbXb]g'\OVYf'[Yc[fUZ]gW\Y; fYbnYb'\]bk Y['ni 'gW\UZYb''

8 YhU]`g	
Cfh	8 fYgXYbž8Yi hgWX`UbX
EiY``Yb	• k k k "a Xf"XY
	<ul><li>k k k "XfYgXYb"XY</li></ul>
	• k k k "Ui gk UYfh][ Yg!Ua h"XY

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