

## GUi $VYf_Y]h^{\cdot}]b^{\cdot}A$ ]Yhk c\bi b[Yb. K Yf hfÀ[h X]Y ?? cghYb3

9bhXYW\_Yb'G]Y']b'i bgYfYa '5fh]\_Y``X]Y'k ]W\h][ ghYb n]j ]`fYW\h`]W\Yb'I fhY]`Y'fi bX'i a 'X]Y'GUi VYf\_Y]h']b  $\Rightarrow$  a cV]`]Yb"'9fZU\fYb'G]Yž'k Yf'ZØf'FY]b][ i b[ g\_cghYb Ui Z\_ca a Yb'a i gg'i bX'k Y`W\Y'FYW\hY'A ]YhYf']a '< ]bV`]W\_ Ui Z'; Ya Y]bgW\UZhgZ\AW\Yb'\UVYb"'J YfdUggYb'G]Y'b]W\h'X]Y fYW\h`]W\Yb'9]bV`]W\_Y'i bX'U\_hi Y``Yb'9bhgW\Y]Xi b[ Ybž'X]Y'ZØf JYfa ]YhYf'i bX'A ]YhYf'[ `Y]W\Yfa U $\Rightarrow$  Yb'j cb'6YXYi hi b[ 'g]bX"



GUi VYf\_Y]h']b'K c\bUb`U[Yb.'\inf]gh]gWXY
5i gY]bUbXYfgYhni b[Yb'i bX']\fY
5i gk]f\_i b[Yb

9]b Di b\_hij cb nYbhfU`Yf`6YXYi hi b[ `]b`XYf` $\Rightarrow$  a cV]`]Ybj Yfk U`hi b[ ]gh`X]Y`GUi VYf\_Y]h`]b`K c\bUb`U[ Yb"`< Ài Z][ `fYgi `h]YfYb`XUfUi g ?cbZ]\_hY`nk ]g\\Yb`A ]YhYfb`i bX`J Yfa ]YhYfbž`X]Y`Ui Z`fY\\h`]\\Yb \f bX`U[ Yb`VUg]YfYb"`\Db[ ghY`9bhg\\Y]Xi b[ Yb'j Yfg\\X]YXYbYf ; Yf]\\XhY`nY][ Ybž`XUgg`X]Y`9]bghY``i b[ `XYf`; Yf]\\XhY`ni `GUi VYf\_Y]h

i bX`XUa ]h'j YfVi bXYbYb`?cghYb`ZØf`U``Y`6YhY]`][ hYb f]WXhi b[ gk Y]gYbX`gY]b`\_Ubb"

#b`Y]bYa`VYa Yf\_Ybgk YfhYb`: U```\Uh`XUg`@UbX[Yf]W\h`? UggY`
YbhgW\]YXYbž'XUgg`X]Y`?cghYb`ZØf`X]Y`6YgY]h][ib['jcb'; fUZZ]h]
b]W\h`ni`XYb`fY[i`ÀfYb; YV\Ai XYfY]b][ib[gUi Zk YbXib[Yb\n\A\`Yb"\8]YgY`9bhgW\Y]Xib[``Y[h'bU\Yž'XUgg`JYfibfY]b][ib[Ybž\X]Y`XifW\`JUbXU`]ga ig`jYfifgUW\h`k YfXYbž'b]W\h`XYb`A]YhYfb`U`g
6Yhf]YVg\_cghYb`]b`FYW\bib[`[YghY``h`k YfXYb`XØfZYbž'Yg`gY]`XYbbž\g]Y`hfYhYb`fY[Y`a\A\][`UiZ"\8]YgYg`IfhY]``ibhYfghfY]W\h`X]Y
Bchk YbX][\_Y]h`ZØf`JYfa]YhYfž'\_`UfY`IbhYfgW\Y]Xib[Yb`nk]gW\YbfY[i`AfYb`FY]b][ib[gX]YbghYb`ibX`nigAhn`]W\Yb`?cghYb`nihfYZZYb"

9]b'k Y]hYfYg'VYa Yf\_Ybgk YfhYg'I fhY]'k i fXY'j ca '5a hg[Yf]W\h BYi VfUbXYbVi f['[YZÀ``h"'9g'k i fXY'YbhgW\]YXYbž'XUgg'J Yfa ]YhYf X]Y'FY]b][i b['Y]bYg'K c\b\Ui gYg'b]W\h'Y]bZUW\'Ui Z'Y]bY'YI hYfbY :]fa U'ØVYfhfU[Yb'XØfZYbž'k Ybb'X]Y'A]YhYf'X]YgY'5i Z[UVY'V]g`Ub[ni j Yf`Agg]['ØVYfbca a Yb'\UVYb"'8]YgY'FY[Y`i b['\_ObbhY'ZØf A]YhYf[Ya Y]bgW\UZhYb'j cb'6YXYi hi b['gY]bž'XU'g]Y'Ui Z'X]Y \_cghYbYZZ]n]YbhY'Bi hni b['VYfY]hg'j cf\UbXYbYf'FYggci fWb\\]bk Y]gh'i bX'i bbOh][Y'?cghYb'j Yfa Y]XYh"

8]Y'H\Ya Uh]\_'k]fX'Ui W\'Xi fW\'XYb': U```XYg'@UbXYggcn]U`[Yf]W\hg < YggYb'Yf[Àbnhž'XUg'YbhgW\]YXž'XUgg'FYbhYbj Yfg]W\YfhY'kÀ\fYbXY]bYf'a YX]n]b]gW\Yb'FY\UV]`]hUh]cb'5bgdfi W\'Ui Z'Y]bY'<]`Zg\_fUZh\UVYbž'kYbb'g]Y'b]W\h']b'XYf'@U[Y'g]bXž']\fY'<Ui g\U`hgZØ\fi b[gY`Vgh'ni '[YkÀ\f`Y]ghYb"'8]YgYg'I fhY]`'j YfXYi h`]W\h'X]Y'gcn]U`YJYfUbhk cfhi b['XYf'; Ya Y]bgW\UZh']b'gW\k]Yf][Yb@YVYbgg]hi Uh]cbYbž']b'XYbYb'I bhYfghØhni b['bchk YbX][']gh"

9]b 5gdY\_hžXYfcZhØVYfgY\Yb k ]fXž]ghXUg DfcV`Ya XYg
HUi VYb\_chg" 8 Ug 5a hg[Yf]W\h' < UbUi 'ghY``hY '\_`UfžXUgg
[Y`Y[Ybh`]W\Y'JYfi bfY]b][i b[Yb Xi fW\ 'H]YfY b]W\h'Ui hca Uh]gW\
ni 'Y]bYf'A]Yha]bXYfi b['ZØ\fYb" 8]Yg k]fZh: fU[Yb ni f
JYfUbhk cfhi b['j cb 'A]YhYfb 'Ui Zž]bgVYgcbXYfY k Ybb 'Yg i a 'X]Y
I b\_cbhfc``]YfVUf\_Y]h'gc`W\Yf'JYfi bfY]b][i b[Yb'[Y\h" <]YfVY]'k]fX
XYi h`]W\ZXUgg'X]Y 'fYW\h`]W\Yb'FU\aYbVYX]b[i b[Yb'XUni 'X]YbYbZ

±b '6Yni [ 'Ui Z'X]Y'I bhYfgW\Y]Xi b[ 'XYf'?cghYb'bUW\'Bi hni b[ ghY``hY'XUg'5a hg[Yf]W\h'6fUbXYbVi f[ 'ZYghž'XUgg'Yg'b]W\h dfU\_h]\_UVY`']ghž'X]Y'FY]b][i b[g\_cghYb'VUg]YfYbX'Ui Z'XYf hUhgÀW\`]W\Yb'Bi hni b[ 'XYg'HfYddYb\Ui gYg'Ui Zni hY]`Yb"'8]Yg \_ÒbbhY'ZØf'JYfa ]YhYf'i bX'A]YhYf'j cb'6Y`Ub[ 'gY]bž'XU'Yg'i a 'X]Y: U]fbYgg']b'XYf'?cghYbj YfhY]`i b[ '[Y\h'

 $8 ]Y' < YfUi gZcfXYfi b[Yb'VY]'XYf'JYfk U`hi b['j cb'A]YhcV'Y_hYb g]bX'j ]Y`gWk]Wkh]['''8]Y'; Yf]WkhgYbhgWkY]Xi b[Yb'V]YhYb'b]Wkh'bi f fYWkh`]WkY'?`Uf\Y]hž'gcbXYfb'nY][Yb'Ui Wk'X]Y'gcn]U`Yb'8 mbUa ]_Yb nk ]gWkYb'A]YhYfb'i bX'JYfa]YhYfb'Ui Z'''GUi VYf_Y]h']gh'b]Wkh'bi f Y]bY': <math>fU[Y'XYg'dYfgOb`]WkYb'K c\`VYZ]bXYbg/'g]Y'VYhf]ZZh'Ui Wk fYWkh`]WkY'i bX'Z]bUbn]Y``Y'5gdY_hYž'X]Y'@YVYbgei U`]hÀh']b K c\bUb`U[Yb'VYY]bZ'i ggYb'_ObbYb''$ 

8]YgY'9bhk]W\_`i b[Yb']b'XYf'FYW\hgdfYW\i b['i bhYfghfY]W\Yb'X]YBchkYbX][\_Y]h\z\Ugg'gckc\``JYfa]YhYf'U`g'Ui W\`A]YhYf'g]W\']\fYfFYW\hY'i bX'DZ]W\hYb'VYk i ggh'g]bX\z\i a `A]ggj Yfgh\and bXb]ggY'i bX`\Ub[k]Yf][Y'; Yf]W\hgghfY]h][\_Y]hYb'ni 'j Yf\]bXYfb"

8 Y hU1`a

6Ygi WXYb G]Y i bg Ui Z. a Y]b!VYf`]b bYh