

DY]bY`ZfU[h. `Gc``XYf
GhfU» YbUi gVUi VY]hfU[`UV[YgWk UZZh
k YfXYb3

DY]bYf`6Øf[Yf`gc``hYb`g]Wk`ZfØ\`nY]h[`ØVYf`X]Y
GhfU» YbUi gVUi VY]hfÅ[Y`]bZcfa]YfYbž`VYj cf`X]Y`I a ZfU[Y`]a
GYdhYa VYf`VY[]bbh"

DY]bY"'8]Y`VYj cfghY\YbXY`6Øf[YfVYZfU[i b[`ni f`Ni _i bZiXYf
GhfU» YbUi gVUi VY]hfÅ[Y`k]fZi: fU[Yb`Ui Zi bX`YfZcfXYfhj cb`XYb
6Øf[Yfb`dfcU_h]j Y`A U» bU\`a Yb`ni f`HY]`bU\`a Y"

9]b`5i Zfi Z`ni f`U_h]j Yb`HY]`bU\`a Y

8]Y`GhUXh`DY]bY`k]fX`]a `_ca a YbXYb`GYdhYa VYf`]\fY`6Øf[Yf
VYZfU[Ybž`cV`X]Y`XYfnY]h`Yf\`cVYbYb`GhfU» YbUi gVUi VY]hfÅ[Y
UV[YgWk UZZh k YfXYb`gc``Yb"'8]Yg`]ghY]bY`k]Wk h[Y`9bhgWk Y]Xi b[ž
X]Y`X]fY_hY`5i gk]f_i b[Yb`Ui Z`X]Y`:]bUbngh]i Uh]cb`j]Y`Yf
; fi bXghØW_gY][YbhØa Yf`i bX`X]Y`U``[Ya Y]bY`9bhk]W_`i b[`XYf
GhUXh`\Uh"

K]Wk h[Y`:]f]ghYb`ZØf`X]Y`6Øf[Yf

6YfY]hg`]a`5i [i gh`\UVYb`]bhYfYgg]YfhY`6Øf[Yf`X]Y`A Ò[`]Wk_Y]hž
XUg`6YZfU[i b[gj YfnY]Wk b]g`Y]bni gY\Yb"'8]YgYg`ghY`h]a`FUh\Ui g
ni f`JYfZØ[i b[ži bX`nk Uf`j cb`A cbhU[ž`XYb`%&""5i [i ghž`V]g
Y]bgWk`]Y»`]Wk`:]fY]hU[ž`XYb`%*""5i [i gh" `>XYfž`XYggYb`BUa Y`]a
J YfnY]Wk b]g`b]Wk h`Ui Z[YZØ\`fh]ghž`gc``hY`g]Wk`i a [Y\YbX`]a
6Øf[YfVØfc`a Y`XYbž`UbXYfbZU``g`Ai Zh`Yf; YZU\`fž`b]Wk h`Ub`XYf
6YZfU[i b[`hY]`bY\`a Yb`ni `_ØbbYb"'8]YgY`:]f]gh`]gh`YbhgWk Y]XYbXž
XU`X]Y`A Ò[`]Wk_Y]h`ni f`?cffY_hi f`bi f`V]g; fY]hU[ž`XYb`%*""5i [i gh
i a`%&`I \f`VYghY`\h"

K Yf'XUfZ'a]hVYgh]a a Yb 3

8]Y'6Øf[YfVYZfU[i b['f]W hYh'g]W'Ub'U''Y'k U\`VYfYW h][hYb
6Øf[Yfž'X]Y'gdÀhYghYbg'Ua ''YhnhYb'HU['XYg'6YfU[i b[gnY]hfUi a g
%* 'Ű\ fY'U'h'g]bX'i bX'gY]h'a]bXYghYbg'XfY]'A cbUhYb']\fYb
<Ui dhk c\bg]m']b'DY]bY'\UVYb''J cfUi gg]W h]W'nk]gWYb'XYa '&
i bX'&' ''GYdhYa VYf'_ØbbYb'g]Y']\fY'A Y]bi b['UV[YVYb''9g
VYghY\h'X]Y'A Ø['W _Y]hž'Ui W'Ubc bma 'UVni gh]a a Ybž'i bX'U''Y
6YfYW h][hYb'k YfXYb'fYW h'Y]h]['a]h'XYb'bc h'k YbX][Yb
I bhYf'U[Yb'Ui g[YghUhhYh"

<]bhYf[fi bX'i bX'Z]bUbn]Y''Y' ⇒ a d`]_Uh]cbYb

A ca YbhUb'g]bX'X]Y'5b'Y[Yf'j YfdZ]W hYhž'g]W'Ub'XYb'? cghYb'XYg
GhfU» YbUi gVUi g'gck]Y'Ub'XYb'BYVYbUb'U[Ybž'k]Y'VY]gd]Y'gk Y]gY
XYf'GhfU» YbVY'Yi W hi b[ž'ni 'VYhY']][Yb''K À\ fYbX'U''Y'UbXYfYb
@UbX[Ya Y]bXYb'a]h'hYfk Y]'Y'Ui Z'X]YgY'6Y]hfÀ[Y'j Yfn]W hYh
\UVYbž'V'Y]Vh'X]Y'GhUXh'DY]bY'X]Y'Y]bn][Yž'X]Y'X]YgY'DfUI]g
VY]VY\À'h''9]bY'a Ø['W Y'5VgW UZi b['_ØbbhY'YXcW'XUni
ZØ\ fYbž'XUgg'X]Y'; fi bXghYi Yf'6'Yf\Ø\h'k YfXYb'a i ggž'i a 'X]Y
YbhghY\YbXYb':]bUbn]Yfi b[g'ØW_Yb'ni 'gW'Y]Y» Yb"

8]Y' l a ZfU[YZfU[YbghY''i b[

8]Y'YbhgW Y]XYbXY': fU[Y'Ui ZXYa ': fU[YVc[Yb'k]fX'gY]bž'k]Y'XYf
GhfU» YbUi gVUi '_ØbZh]['Z]bUbn]Yfh'k YfXYb'gc''8]Y'6Øf[Yf'_ØbbYb
nk]gWYb'XYf'6Y]VY\U'hi b['XYf'GhfU» YbUi gVUi VY]hfÀ[Y'cXYf
Y]bYf'9f\Ø\i b['XYf'; fi bXghYi Yf'6'k À\`Yb''8]YgY'9bhgW Y]Xi b[
k]fX'b]W h'bi f'Z]bUbn]Y''Y': c`[Yb'\UVYbž'gcbXYfb'Ui W'X]Y
ØZYbh]W Y'A Y]bi b['ni f'GhUXhYbhk]W' i b['k]XYfgd]Y[Y'b"

2 ZZbi b[gnY]hYb'XYg'6Øf[YfVØfcg

I a 'g]W Yfni ghY''Ybž'XUgg'X]Y'6Øf[Yf'U''Y'bc h'k YbX][Yb
⇒ Zcfa Uh]cbYb'Yf\U'hYbž'g]bX'X]Y'^2 ZZbi b[gnY]hYb'XYg'6Øf[YfVØfcg
k]Y'Zc`[h

- A cbhU[g'i bX'XcbbYfghU[g'j cb', 'V]g'%' 'I \f
- 8]YbghU[g'j cb'%'\$'V]g'%' 'I \f
- A]hkh cW\g'j cb', 'V]g'%, 'I \f
- : fY]hU[g'j cb', 'V]g'%'&' 'I \f

8]Y'VYj c fghY\YbXY'6Øf[YfVYZfU[i b['ghY`h'Y]bY'VYXYi hYbXY
 ; Y'Y[Yb\Y]h'XUfž'X]Y'K Y]W\Yb'ZØf'X]Y'ni _ØbZh][Y':]bUbndc`h]_ 'XYf
 GhUXh'DY]bY'ni 'ghY`Yb"'9g'V'Y]Vh'ni '\cZZYbž'XUgg'j]Y'Y'6Øf[Yf'j cb
]\fYa 'F YW\h'; YVfUi W\ 'a UW\Ybž'\fY'Gh]a a Y'UVni [YVYb'i bX
 U_hj] 'Ub'XYf'; YghU'hi b[']\fYf'GhUXh'hY]`ni bY\ a Yb"

8YhU]`g

6Ygi W\ Yb 'G]Y' i bg'Ui Z. 'b!U["XY