

< Y]`Vfcbb. A Ø\`Y XYf < cZZbi b[[]Vh C VXUW\`cgYb bYi Y DYfgdY_h]j Yb</pre>

9bhXYW_YbG]Yžk]YX]Y / ei ch/A Ø\`Y`XYf' < c \mathbb{Z} bi b[/ ei ch/]b < Y]`VfcbbcVXUW\`cgYb`A YbgW\Yb`\]` \mathbb{Z} hž`Y]b`Xfc[Yb \mathbb{Z} fY]Yg @YVYb`i bX`Y]bY`VYfi \mathbb{Z}]W\Y`DYfgdY_h]j Y`ni \mathbb{Z} bXYb"

8]Y`AØ\`Y`XYf`<cZzbib[`]b`<Y]`Vfcbb`\Uhig]W\`ni `Y]bYa
@YiW\hhi fa dfcY_h`]a `?Ua dZ`[Y[Yb`8fc[YbUV\Àb[][_Y]h`ibX
CVXUW\`cg][_Y]h`Ybhk]W_Y`h"`\DY]bYf`NY]hž`]b`XYf`X]Y`NU\``XYf
CVXUW\`cgYb`]b`6UXYb!K ØfhhYa VYf['ghY][hž`V]YhYh`X]YgYg`DfcY_h
A YbgW\Yb`]b`Bchg]hi Uh]cbYb`b]W\h'bifI bhYf_i bZhž`gcbXYfb`Ui W\
DYfgdY_h]j Yb`ZØfY]b`bYi Ygž`Xfc[YbZfY]Yg`@YVYb"

K UWX gYbXY K c\bi b[gbch]b 6UXYb! K ØfhhYa VYf[

 $8]Y`NU\ Yb`XYf`@[U`XYf`ZfY]Yb`K c\ ZU\ fhgdZY[Y`]b`6UXYb! \\ K ØfhhYa VYf[`nY][Yb`VYi bfi \][YbXY`HfYbXg.`6]g`9bXY`&$&' \\ k UfYb`ZUgh`%' "$$$`A YbgW\Yb`]b`9]bf]W\hi b[Yb`Ui Z`I bhYfghØhni b[Ub[Yk]YgYb"`8]YgYf`5bgh]Y[`]gh`hUhg\W\`]W\`VYgcf[b]gYffY[YbXi bX`nY][hž`XUgg`a Y\f`i bX`a Y\f`A YbgW\Yb`]b`X]Y`K c\bi b[gbch [YfUhYb"`5b[Yg]W\hg`X]YgYf`G]hi Uh]cb`\Uh`X]Y` A Ø\`Y`XYf < c\Zbi b[Y]bY`k]W\h][Y`Fc``Y`Y]b[Ybca a Ybž]bXYa `g]Y`_cb_fYhY <]`ZY``Y]ghYh"$

8Yf 6YXUfZ Ub I bhYfghØhni b[

±b 'Y]bYf'NY]hž']b 'XYf'j]Y `Y 'Dfc[fUa a Y 'ni f'I bhYfghØhni b['j cb C VXUW\`cgYb 'cZh'bUW\ 'gYW\g'A cbUhYb 'YbXYbž'\YVh'g]W\ 'X]Y A Ø\ `Y 'XYf' < cZZbi b['Xi fW\']\fY': `YI]V]`]hÀh'UV"' <]Yf'_ÒbbYb'X]Y 6Yk c\bYf'gc`Ub[Y'V`Y]VYbž'k]Y 'g]Y 'Yg'VYbÒh][Ybž'i a ']\fY

5V\Àb[][_Y]h'ni 'ØVYfk]bXYb'i bX'Y]bYb'BYi UbZUb['ni 'k U[Yb"; YgW\ÀZhgZØ\fYf'A Ufh]b'A Ø``Yf'\YVh'\Yfj cfž'XUgg'X]YgY
9bhgW\Y]Xi b['ZfY]k]``][']gh'i bX'Ui Z'Y]bYa 'ghfi _hi f]YfhYb
HU[YgUV`Ui Z'VUg]Yfhž'XYf'XYb'6YhfcZZYbYb'\]`Zhž'bYi Y
; Yk c\b\Y]hYb'ni 'Ybhk]W_Y`b"

9]b ghfi _hi f]YfhYg @YVYb

8 Yf '5 ``hU[']b 'XYf 'A Ø\ `Y ']gh ghf UZZ cf[Ub]g]Yfh ''BYVYb 'XYb j Yf `Ub[hYb 'G]hni b[Yb '[]Vh 'Yg 'Ui W\ 'F Y[Y `bž k]Y 'ni a '6Y]gd]Y `'Y]b < Ub Xmj Yf Vch 'V]g 'ni a '5 V Yb X "8]Yg `\] `Zh XYb '6 Yk c\bYfbž g]W\ 'ni _cbn Ybhf]Yf Yb 'i b X '5 V `Yb_i b[Yb 'ni 'a]b]a]Yf Yb "8]Y 'Yb[Y Ni gUa a YbUf VY]h 'a]h 'H]Yfg W\ i hncf[Ub]g Uh]cb Yb 'V]Yh Yh 'XYb 6 Yk c\bYfb 'k Y]h Yf Y @Yfb Yf ZU\fi b[Ybž XYbb 'g]Y '_Øa a Yfb 'g] W\ 'i a [Yf Yhh Yh Y 'H]Yf Y 'i b X 'V Yk]fhg W\ UZh Yb 'Y]b 'Y][Yb Yg'; Ya Øg Y! 'i b X '? fÀi h Yf V YYh "8] Yg Y '5 _h]j]h Àh Yb 'Z Of X Yfb 'b] W\ h bi f 'X] Y J Yf Ubhk cfhi b[ž gcb X Yfb 'Ui W\ 'X Ug'; Ya Y]bg W\ UZhg [YZØ\ ``i bh Yf X Yb '6 Yk c\b Yfb"

9fZc`[g[YgWX]WXhYb

8]Y '9f[YVb]ggY 'g]bX'j]Y'j YfgdfYWX YbXž'a]h'Y]bYf'\c\Yb
9fZc`[gei chY 'VY]'XYb'Y\Ya U`][Yb'6Yk c\bYfb"'J]Y 'Y'Z]bXYb' &Vg
i bX'bYi Y'K c\bi b[Ybž'bUWXXYa 'g]Y'X]Y'A Ø\`Y'j Yf`UggYb"
5bXfYUg'BYi VYW_'YfnÀ\`hž'XUgg'Yg'ZØf'Y]b][Y'A YbgWXYb'a Y\fYfY
5b`Ài ZY'VfUi WXhž'i a 'XYb'gWXk]Yf][Yb'K Y['ni fØW_']bg'@YVYb'ni
Z]bXYb"'8]Y'A Ø\`Y'V]YhYh'X]YgYb'A YbgWXYb'Y]bYb'g]WXYfYb'F Ui a ž
i a 'Ub'g]WX'ni 'UfVY]hYb'i bX']\f'@YVYb'bYi 'ni '[YghU`hYb"

HU[XYfcZZYbYbHØf.9]bV]WY]bX]YAØVY

I a 'XUg'; Ya Y]bgW\UZhgdfc Y_h'ni 'ZÒfXYfb'i bX'XYf'² ZZYbh`]W_Y]h Y]bYb'9]bV`]W_']b']\fY'5fVY]h'ni '[YVYbž'j YfUbghU`hYh'XUg'9\YdUUf BYi VYW_'a]h'XYb'6Yk c\bYfb'Y]bYb'HU['XYf'cZZYbYb'HØf"'5b X]YgYa 'HU['_O`bbYb'+bhYfYgg]YfhY'X]Y'H]YfY'_YbbYb`YfbYbž'X]Y']b XYf'A Ø\`Y'`YVYbž'i bX'g]W\'a]h'XYb'6Yk c\bYfb'Ui ghUi gW\Yb"'9]b FU\a Ybdfc[fUa a 'a]h'@j Ya i g]_'gcf[h'ZØf'I bhYf\U`hi b['i bX

` $\lambda Xh'XUni Y]b\check{z}a Y f'ØVYf'X]Y'dcg]h]j Y'9bhk]W_`i b['XYf'A Ø\`Y'ni YfZU\fYb"$

9]b: Un]h'ZØf'X]Y; Ya Y]bgW\UZh

8]Y A Ø\`Y XYf`<cZZbi b['ghY``h'b]W\h'bi f'Y]bYb'Ni Zi W\hgcfh'XUfž gcbXYfb'V]YhYh'Ui W\'Y]bY'VYXYi hYbXY'7\UbW'ž'X]Y @YVYbgei U`]hÀh'j cb'A YbgW\Yb']b'gW\k]Yf][Yb'G]hi Uh]cbYb bUW\\U`h]['ni 'j YfVYggYfb"'8i fW\'X]Y'I bhYfghØhni b['gc`W\Yf Dfc'Y_hY'k]fX'b]W\h'bi f'XYb'X]fY_h'6YhfcZZYbYb'[Y\c`ZYbž'gcbXYfb Ui W\'XYf'[YgUa hYb'; Ya Y]bgW\UZhž']bXYa 'Y]b'6Y]hfU['ni f'@Ògi b[Y]bYg'XfÀb[YbXYb'[YgY``gW\UZhž']W\Yb'DfcV`Ya g'[Y`Y]ghYh'k]fX"

B5;

8 YhU]`q

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. 'X]Y!bUWX f]WX hYb "bYh