

: YghbU\a Y']b'?`Y]b'6UXYa Yi gY`.'Dc`]nY] ghcddh'Z`ØW\h][Yb'5i hcZU\fYf

 \pm 0'? `Y]b'6UXYa Yi gY`k i fXY'Y]b'' \$!'À\f][Yf'dc`b]gW\Yf 5i hcX]YV'ZYgh[Ybca a Yb/'nU\`fY]\\Y'<UZh\YZY\`Y'`U[Yb [Y[Yb']\b'] cf"

; Yghc\`YbY': U\fnYi [Y'i bX']\fY 5i gk]f_i b[Yb'Ui Z'X]Y'; Ya Y]bgW\UZh']b'?`Y]b 6UXYa Yi gY`

8]Y'_Øfn`]W\Y': YghbU\a Y'Y]bYg'' \$!'À\f][Yb'A UbbYg']b'?`Y]b6UXYa Yi gY`'k]fZh'Y]b'@]W\h'Ui Z'Y]b'VYgcf[b]gYffY[YbXYgD\Àbca Yb']a '6YfY]W\'XYf'9][Ybhi a gXY`]_hY'i bX'XYb'XUa]hjYfVi bXYbYb'[YgY``gW\UZh`]W\Yb'< YfUi gZcfXYfi b[Yb"'5a 'A cbhU[kifXY'XYf': U\fYf'Y]bYg'a i ha U»`]W\'[Yghc\`YbYb'GI Jg'Ui Z'XYf?fY]gghfU»Y'+%\$%'YbhXYW_hi bX'j cf`Ài Z]['ZYgh[Ybca a Ybžk\fYbX'Yf']Yfqi W\hYž'q]W\'XYf'?cbhfc``Y'ni 'Ybhn]Y\Yb"

$8]Y : YghbU\a Y i bX XUg I a ZY X$

8]Y'6i bXYgdc`]nY]'_cbhfc``]YfhY'Y]bYb'GI J'a]h'C ZZYbVi f[Yf?YbbnY]WXYbžXYf'ni f': U\bXi b['Ui g[YgWXf]YVYb'k Uf"'8Yf': U\fYfžY]b'dc`b]gWXYf'GhUUhgVØf[Yfž'j Yfgi WXhY'ni bÀWXgh'j Yf[YV`]WXž']bF]WXhi b['XYf'5i hcVU\b'%) 'ni 'Z]Y\Ybž'k i fXY''YXcWX'bU\Y'XYf5i hcVU\b'%) 'ni 'Z]Y\Ybž'k i fXY''YXcWX'bU\Y'XYf5i hcVU\b'W'b'' [Yghcddh"'8]Y', VYfdfØZi b['gY]bYg<]bhYf[fi bXg'Yf[UVž'XUgg'[Y[Yb']\b'a Y\fYfY'<UZhVYZY\`YVYghUbXYbž'i bX'Yf'i bhYf'Y]bYa '9]bfY]gYj YfVch'`]hhž'XUg'Ui ZZfØ\YfY'ghfUZfYWXh`]WXY'JYfi fhY]`i b[Yb'ni fØW_ni ZØ\fYb'k Uf"

; $YgY^gWXUZh^gWXY^5gdY_hY^ibX^gXfY$

6YXYi hi b[

8]Y'j cf`]Y[YbXY'G]hi Uh]cb']gh'b]W\h'bi f'Y]b'9]bnY`ZU``/g]Y']gh'HY]`
Y]bYg'[fÒ» YfYb'HfYbXgžXYf'X]Y'G]W\Yf\Y]hi bX'XUg'J YfhfUi Yb'XYf
; Ya Y]bgW\UZh']b'X]Y'6Y\ÒfXYb'VYY]bZi ggh"'9][Ybhi a gXY`]_hYž'k]Y
8]YVghU\`i bX'<Y\`YfY]ž'\]bhYf`UggYb'a Y]gh'b]W\h'bi f'a UhYf]Y``Yž
gcbXYfb'Ui W\'Ya ch]cbU`Y'Gdi fYb']b'XYf'6Yj Ò`_Yfi b["'8]Y'Gcf[Yb
i a 'dYfgÒb`]W\Y'G]W\Yf\Y]hii bX'XYb'GW\i hn'j cb'9][Ybhi a 'g]bX
VYgcbXYfg']b'_`Y]bYb'; Ya Y]bXYb'k]Y'?`Y]b'6UXYa Yi gY`'dfÀgYbh"

<]bhYf[fØbXY i bX DYfgdY_h]j Yb</pre>

8]Y'dc`]nY]`]WXYb'9fa]hhìi b[Yb'Yf[UVYbž'XUgg'[Y[Yb'XYb ZYgh[Ybca a YbYb'A Ubb'k Y[Yb'gWk YfYf'6UbXYbX]YVghÀ\`Y Yfa]hhY`hik]fXž'k Ug'Ui Z'Y]b'[Yf]WXh`]WXYg'Jcf[Y\Yb'\]bk Y]ghž'XUg X]Y'6Y\ÒfXYb'ghUf_'VYgWXÀZh][h''9g']gh'k]WXh]['ni 'Yfk À\bYbž'XUgg XYf': Ygh[Ybca a YbY'gY]bY': fY]nØ[][_Y]h'ZØf'nY\b'\J\fY Y]b[YVØ» h'\Uhž'k Ug'hmd]gWXYfk Y]gY'Y]bYb'Yf\YV`]WXYb'FØW_[Ub[XYf'@YVYbgei U`]hÀh'ni f': c`[Y'\UVYb'_Ubb''

GWX i ggZc [Yfi b[

±0.5 bVY hfUW. h'X]YgYf'9fY][b]ggY']gh'Yg'YbhgW. Y]XYbXž'XUgg'gck c\`X]Y'6Y\ÒfXYb'U'g'Ui W. 'X]Y'; Ya Y]bgW. UZhYb'ni gUa a YbUfVY]hYbž i a '8]YVghÀ\`Y'ni 'j Yf\]bXYfb'i bX'XUg'G]W. Yf\Y]hg[YZØ\`'XYf 6Øf[Yf'ni 'ghÀf_Yb"'8]Y'Fc``Y'XYf'`c_U`Yb'Dc`]nY]'i bX'X]Y Ni gUa a YbUfVY]h'a]h'XYf'6i bXYgdc`]nY]'g]bX'\]YfVY]'i bYf`Àgg`]W." @YhnhYbX`]W.'_ÒbbYb'Xi fW.'dfÀj Ybh]j Y'A U» bU\a Yb'i bX'X]Y : ÒfXYfi b['XYg'gcn]U`Yb'Ni gUa a Yb\U`hg']b'?`Y]b'6UXYa Yi gY` i bX'UbXYfYb'j Yf[`Y]W\VUfYb'; Ya Y]bXYb'dcg]h]j Y'J YfÀbXYfi b[Yb\YfVY][YZØ\fh'k YfXYb"

8]YgY'JcfZÀ``Yž'X]Y']b'XYf'FY[]cb'Ui ZhfYhYbž'ZcfXYfb'i bg'XUni \YfUi gž'X]Y'i bhYfgW\]YX`]W\Yb'8]a Ybg]cbYb'j cb'?f]a]bU`]hÀh'i bX XYfYb'5i gk]f_i b[Yb'Ui Z'XUg'@YVYb'XYf'A YbgW\Yb'g]W\hVUfYf'ni a UW\Yb"'8Yf'?Ua dZ'[Y[Yb'X]Y'?f]a]bU`]hÀh'YfZcfXYfh _cbh]bi]Yf`]W\Y'5bghfYb[i b[Yb'i bX'X]Y'I bhYfghØhni b['U``Yf $A \]h[\ `]YXYf`XYf'; \ YgY``gVX UZh''$

B5;

8 Y hU]`g

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