

BYi Y'DfcZYggi f'Ub'XYf'9fbgh!5VVY! < cWkgWki`Y'>YbU.': c_i g'Ui Z FYggci fWYbYZZ]n]Ybn

9fbgh!5VVY!<cWkgWki `Y`\JbU'gi Wkh'UV'Gca a YfgYa YghYf &\$&) `Y]bY'K &!Gh]Zhi b[gdfcZYggi f'ZØf'fYggci fW\bYZZ]n]YbhY DfcXi _hYbhk]W_`i b["

8]Y '9fbgh!5VVY! < cWk.gWki `Y']b '*y b U 'ghY ``h 'UV 'XYa
Gca a YfgYa YghYf'&\$&) 'Y]bY 'bYi Y 'Gh]Zhi b[gdfcZYggi f'ni f
J YfZØ[i b[ž'X]Y 'g]Wk 'Ui Z'X]Y 'fYggci fWybYZZ]n]YbhY 'DfcXi _h! i bX
DfcnYggYbhk]W_`i b['Zc_i gg]Yfh'' '8]YgY '9bhk]W_`i b['_ca a h 'ni
Y]bYa 'YbhgWkY]XYbXYb 'NY]hdi b_hž'XU'XYf'9]bZi gg'bUWk\U`h][Yf
HYWkbc`c[]Yb i bX '9ZZ]n]YbnghY][Yfi b[']b 'XYf' *\DXi ghf]Y ']a a Yf
dcdi `ÀfYf'k]fX"

8]Y 6YXYi hi b[XYf F Yggci fWYbYZZ]n]Ybn

FYggci fW bYZ]n]Ybn'VYnY]W bYh'XYb'gdUfgUa Yb'i bX
bUW \U`h][Yb'l a [Ub['a]h'Fc\ghcZYb"' \D'XYf'\Yi h][Yb'NY]hž']b
XYf'XYf'?`]a Uk UbXY'i bX'X]Y', VYfbi hni b['j cb'FYggci fW b
]a a Yf'[fÒ» YfY' < YfUi gZcfXYfi b[Yb'XUfghY``Ybž']gh'Yg
i bYf`Àgg`]W ž'XUgg': cfgW i b['i bX'@Y\fY'g]W ']bhYbg]j 'XUa]h
VYgW ÀZh][Yb"'8]Y'GW UZI b['X]YgYf'DfcZYggi f'nY][h'XUg
9b[U[YaYbh'XYf'9fbgh!5VVY! < cW gW i `Yž'ni f'@Ògi b['X]YgYf
DfcV`YaY'VY]ni hfU[Yb"

8]Y 5bZcfXYfib[Yb ZØf =bhYfYgg]YfhY

 $: \emptyset f^*X]Y^*6Yk YfVYf^*g]bX^*gdYn]Y^*Y^*E i U^*]Z]_Uh]cbYb^*YfZcfXYf^*]WX^*8Uni^*[Y^OfYb^*Y]b^*Y]bgWX^A[][Yf^*< cWXgWX i `UVgWX^i ggž j cfni [gk Y]gY^a]h^Dfca ch]cb^*]a^*6YfY]WX$

±b[Yb]Yi fk]ggYbgW\UZhYbž'gck]Y'a]bXYghYbg'ZØbZ'±J\fY'9fZU\fi b[]b'XYf'DfcXi_hYbhk]W_`i b[ž']bgVYgcbXYfY']b'UXX]h]j YbHYW\bc`c[]Yb"'?Ybbhb]ggY']b'@UgYfaUhYf]U`VYUfVY]hi b['cXYfcdh]gW\Yb'HYW\bc`c[]Yb'g]bX'ni XYa'k ØbgW\Ybgk Yfh"

5i Z[UVYb i bX ? ccdYfUh]cbYb

8 Yf'GhY``Yb]b\UVYf'k]fX'bYVYb'XYf': cfgW\ib['Ui W\'ZØf'X]Y 8 i fW\ZØ\fi b['j cb'@Y\fj YfUbghU`hi b[Yb']b'XYi hgW\Yf'i bX Yb[`]gW\Yf'GdfUW\Y'j YfUbhk cfh']W\'gY]b"'9]b'k Y]hYfYf'k]W\h][Yf 5 gdY_h']gh'X]Y'DZY[Y'j cb'?ccdYfUh]cbYb'a]h'XYf'\DXi ghf]Y'i bX UbXYfYb': cfgW\ib[gY]bf]W\hi b[Yb\Z'k Ug'XYb'5i ghUi gW\'j cb K]ggYb'i bX'HYW\bc`c[]Yb'ZÒfXYfh"

9]b`UXi b['ni f'6Yk YfVi b[

 $8]Y `5i ggW fY] Vib[`ZcfXYfh'[Yn]Y `h': fUi Yb `Ui Zžg] W `ni `VYk YfVYb Zi a `XYb `5bhY]` `XYf `Dfc ZYggcf] bbYb `Ub `XYf' < c W gW i `Y'k Y] hYf `ni Yf \ O\Yb " 6Yk YfVi b[Yb '_ObbYb `V]g `ni a `' $" `GYdhYa VYf `&$ & (Y]b[YfY] W h'k YfXYb Zii bX `X]Y `< c W gW i `Y `[UfUbh] Yfhz `X Ugg gW k YfVY \]bXYfhY `6Yk YfVYf `VY] `[`Y] W Yf `E i U`] Z]_Uh] cb `VYj c fni [h VYf Ø W_g] W h] [h'k Yf XYb "$

8 UhYbgWlihn'i bX'6Yk YfVi b[gdfcnYgg

```
; YgY``gWXUZh`VY]ni hfU[Yb"
```

B 5;

8 Y hU]`g

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