

## GhY][ YbXY GhfUZhUhYb VY]a : $f\emptyset$ \`]b[ gZYgh. Dc`]nY]'n]Y\h'[ Ya ]gW\hY 6]`Ubn

8]Y'Dc`]nY]'Ghi hh[ Ufh'V]`Ubn]Yfh'XUg', ) "': fØ\`]b[ gZYgh.'%+ı a Y\f'GhfUZhUhYbž'g]b\_YbXY'GYI i U`XY`]\_hYž'UbghY][ YbXY ; Yk U`h'[ Y[ Yb'6YUa hY"



Ghi hh[ Ufhž'8 Yi hgWX `Ub X '!'8]Y `Ghi hh[ UfhYf'Dc`]nY]'n]Y\h'\_i fn'j cf XYa `9bXY'XYg', ) ": fØ\`]b[ gZYghYg'Y]bY'[ Ya ]gW\hY'6]`Ubn VYnØ[`]W\XYf'GhfUZhUhYb"'8]Y `Ub[ YnY][ hYb'8 Y`]\_hY'gh]Y[ Yb']a JYf[`Y]W\ni a `Jcf'U\f'i a `%+ `DfcnYbh'Ui Z'' %\* : À``Y"'6YgcbXYfg VYgcf[ b]gYffY[ YbX']gh'XYf'5bgh]Y[ 'j cb'; Yk U`hhUhYb'[ Y[ Yb Dc`]nY]VYUa hY. '8]YgY'gh]Y[ Yb'j cb'+ 'Ui Z'&%ž'k À\fYbX'Ui W\XX]Y 5b[ f]ZZY'Ui Z'Dc`]n]ghYb'j cb'( 'Ui Z', ': À``Y'ni bU\a Yb"; `ØW\_`]W\Yfk Y]gY'V`]YVYb'X]Y'JYf`Yhni b[ Yb'XYf'6YUa hYb'`Y]W\h'

 $\label{thm:condition} $$ Dcg]h]j ~]gh' \] b[Y[Yb'XYf'FØW_[Ub['XYf'GYI'i U`ghfUZhUhYb.'8]YgYZ]Y`Yb'j cb'&$': A``Yb']a ~J cf'U\f'Ui Z'bi f'%' ~]b'X]YgYa ~$J\f'' ; `Y]W\nY]h][~gh]Y[~X]Y~5bnU\``XYf'J YfghÒ» Y'[Y[Yb'XUg K UZZYb[YgYhn'XfUgh]gW\'j cb', ~Ui Z'(-': A``Yž'k Ug'X]Y'9ZZY_h]j ]hAh$ 

XYf'Dc`]nY]\_cbhfc``Yb'i bhYfghfY]W\h'''9g']gh'YXcW\ni 'VYUW\hYbž XUgg'XYf'JYf[ `Y]W\a ]h'XYa 'Jcf'U\f'Xi fW\'I bhYfgW\]YXY']b'XYb 6Ygi W\gnU\`Ybž'VYX]b[ h'Xi fW\'X]Y'CghYfZY]YfhU[ Yž'Y]b[ YgW\f\b\_h ]gh'''DUfU``Y'j YfUbghU`hi b[ Yb'k ]Y'?cbnYfhY'j Yf`]YZYb'c\bY VYgcbXYfY'Jcf\_ca a b]ggYž'XUb\_'XYf'\Yfj cffU[ YbXYb Ni gUa a YbUfVY]h'U``Yf'9]bgUhn\_f\\delta ZhY''

| 8YhU]`g       |                                     |
|---------------|-------------------------------------|
| J cfZU``      | ?ÒfdYfj Yf`Yhni b[ž'GYli U`XY`]_hYž |
|               | K UZZYbj Yf[ Y\Yb                   |
| Cfh           | Ghihh[Ufhž'8YihgWX`UbX              |
| J Y f`Y hn hY | &-                                  |

6Ygi WXYb G]Y i bg Ui Z b!U[ "XY