

# A Ya a ]b[Yb'! 9bhXYW\_Y'X]Y GY\Ybgk $\emptyset$ fX][\_Y]hYb']b'A Ya a ]b[Yb.'9]b FY]gYZ $\emptyset$ \fYf



A Ya a ]b[Yb']gh'Y]bY'GhUXh']a 'GØXYb'8Yi hgW\`UbXgž'X]Y'ZØf']\fY\]ghcf]gW\Yb'GY\Ybgk ØfX][\_Y]hYb'i bX']\fY'a U`Yf]gW\Y'I a [YVi b[VY\_Ubbh']gh''A Ya a ]b[Yb']gh'Y]b'VY`]YVhYg'FY]gYn]Y`'ZØf'Hci f]ghYbi bX'6Ygi W\Yfž'X]Y'g]W\'ZØf'X]Y'; YgW\]W\hY'i bX'?i `hi f'XYf'FY[]cb]bhYfYgg]YfYb'''\dangleb'X]YgYa 'FY]gYZØ\fYf'YfZU\fYb'G]Yž'k Y`W\YGY\Ybgk ØfX][\_Y]hYb'A Ya a ]b[Yb'ni 'V]YhYb'\Uh'i bX'k]Y'G]Y'g]YUa 'VYghYb'Yf\_i bXYb'\_ObbYb''

# $< ]ghcf]gWXY`GYYbgk ØfX][ _Y]hYb$

A Ya a ]b[Yb'V]YhYhY]bY'J]Y`nU\``Ub'\]ghcf]gW\YbGY\Ybgk ØfX][\_Y]hYbž'X]Y'G]Y'i bVYX]b[h'VYgi W\Yb'gc``hYb"'9]bYgXYf'VY\_UbbhYghYb']gh'XUg'A Ya a ]b[Yf'GW\`cggž'XUg']a '%' "\\J\f\i bXYfh'YfVUi h'k i fXY"'9g']gh'Y]bYg'XYf'k Yb][Yb'Yf\U`hYbYb a ]hhY`U`hYf`]W\Yb'GW\`ÒggYf'8 Yi hgW\`UbXg'i bX'V]YhYh'Y]bYbUhYa VYfUi VYbXYb'6`]W\_'Ui Z'X]Y'GhUXh'i bX'X]Y'i a `]Y[YbXYb 6Yf[Y"

9]b k Y]hYfYg'<][\`][\h']gh'X]Y'?`cghYf\_]fWkY'Gh"A Ufh]b"'G]Y k i fXY ]a '%&"'\\J\f\i bXYfh'YfVUi h'i bX']gh'Y]bYg'XYf'\A`hYghYb'; YV\Ai XY XYf'GhUXh"'8]Y'?]fWkY']gh'j c``gh\AbX]['Yf\U`hYb'i bX'V]YhYh'Y]bYb Y]bn][Ufh][Yb'9]bV\]\\\_']b'X]Y'; YgWk]WkhY'XYf'FY[]cb"

# ?ibghibX?i`hif

A Ya a ]b[Yb']gh'Ui WX Y]b'NYbhfi a 'ZØf'?i bgh'i bX'?i `hi f"'\down XYf GhUXh'[]Vh'Yg'a Y\fYfY'Ai gYYbž'; U`Yf]Yb'i bX'?i `hi fnYbhfYbž'X]Y]bhYfYggUbhY'5i gghY``i b[Yb'i bX'JYfUbghU`hi b[Yb'V]YhYb'''9]bYgXYf'VY\_UbbhYghYb'Ai gYYb']gh'XUg'Ai gYi a 'ZØf'a cXYfbY'?i bghžXUg'Y]bY'VfY]hY'DU`YhhY'Ub'?i bghk Yf\_Yb'Ui g'XYf'[UbnYb'K Y`hnY][h"

8 UfØVYf`\]bUi g`[]Vh`Yg`Ui W\`Y]bY`FY]\Y`j cb`\_i `hi fY``Yb
J YfUbghU`hi b[Ybž`X]Y`^À\f`]W\`]b`XYf`GhUXh`ghUhhZ]bXYb"`8 Uni
[Y\ÒfYb`XUg`A Ya a ]b[Yf`A i g]\_ZYgh]j U`ž`XUg`A Ya a ]b[Yf
H\YUhYfZYgh]j U``i bX`XUg`\DhYfbUh]cbU`Y`\JnnZYgh]j U`"

# 5\_h]j ]hÀhYb i b X 5 hhfU\_h]cbYb

A Ya a ]b[Yb'V]YhYh'Ui WX'Y]bY'J]Y`nU\``Ub': fY]nY]hU\_h]j ]hÀhYb'i bX 5hhfU\_h]cbYb"'9]bYg'XYf'VY`]YVhYghYb']gh'XYf'A Ya a ]b[Yf : fY]nY]hdUf\_ž'XYf'Y]bY'J]Y`nU\``Ub': U\f[YgWXÀZhYb'i bX 5hhfU\_h]cbYb'ZØf'X]Y'[UbnY': Ua]`]Y'V]YhYh"'9g'[]Vh'Ui WX'Y]b 5ei Uf]i a ž'Y]b'?]bc'i bX'Y]b'?`YhhYfdUf\_ž'i a 'X]Y'?]bXYf'ni i bhYf\U`hYb"

 $: \varnothing f`X]Y \Upsilon b][Yb\check{z}`X]Y`[YfbY`k UbXYfb`cXYf`F UXZU\fYb\check{z}`[]Vh`Yg`Ui WXY]b][Y`gWX ObY`K UbXYf!`i bX`F UXk Y[Y`]b`XYf`I a [YVi b["`9g`[]VhUi WX`Y]b][Y`GYYb`i bX`: `<math>\varnothing ggY\check{z}`Ub`XYbYb`a Ub`Ub[Y`b`i bX`6cchZU\fYb`_Ubb"$ 

#### 9ggYb i bX Hf]b\_Yb

A Ya a ]b[Yb'V]YhYh'Ui W\'Y]bY'J]Y`nU\`'Ub'\_i `]bUf]gW\Yb; YbØggYb"'9g'[]Vh'j]Y`Y'FYghUi fUbhgž'X]Y'fY[]cbU`Y'; Yf]W\hYgYfj]YfYbž'i bX'Yg'[]Vh'Ui W\'Y]b][Y'6Ufg'i bX'?bY]dYbž']b'XYbYb a Ub'Y]b'6]Yf'cXYf'Y]b'; `Ug'K Y]b'[Yb]Y»Yb'\_Ubb"'9g'[]Vh'Ui W\Y]b][Y'hfUX]h]cbY``Y'6ÀW\_YfY]Ybž']b'XYbYb'a Ub'Zf]gW\Y'6UW\_k UfYb i bX'?i W\Yb'\_Ui ZYb'\_Ubb"

# : Un]h

A Ya a ]b[Yb']gh'Y]b'k i bXYfgW\ObYg'FY]gYn]Y``a ]h'j ]Y`Yb GY\Ybgk ØfX][\_Y]hYbž'A i gYYbž'?i `hi fnYbhfYbž': fY]nY]hU\_h]j ]hÀhYb i bX'\_i `]bUf]gW\Yb'; YbØggYb"'9g']gh'Y]b'C fhž'Ub'XYa 'a Ub'g]W\k c\``ZØ\`h'i bX'Ub'XYa 'a Ub'j ]Y``Yf`YVYb'\_Ubb"'K Ybb'G]Y'U`gc'Ui Z XYf'Gi W\Y'bUW\'Y]bYa 'VYgcbXYfYb'FY]gYn]Y``]b'8Yi hgW\`UbX g]bXž'gc``hYb'G]Y'A Ya a ]b[Yb'Ui Z'YXYb': U```]b'6YhfUW\h'n]Y\Yb"