

9bhXYW_Y`X]Y`Hcd`%\$ GY\Ybgk ØfX][_Y]hYb`]b`<i gi a °



 $9bhXYW_Y^XY^Hcd^{-}\%S^GYYbgk \emptyset fX][_Y]hYb^]b^<igia$

<i gi a ']gh'Y]b'VYgcbXYfYf'Cfh']b'GW\Ygk][!<c`ghY]bž'XYf'j]Y`Y
]bhYfYggUbhY'GY\Ybgk ØfX][_Y]hYb'ni 'V]YhYb'\Uh"'9g']gh'Y]bY</pre>

]Xm``]gW\Y`GhUXhž`X]Y`j]Y`Y`gW\ÒbY`; YVÀi XYŽ'8Yb_a À`Yfž`DUf_g i bX`A i gYYb`VY\YfVYf[h"`<]Yf`Z]bXYb`G]Y`Y]b][Y`XYf`VYghYb GY\Ybgk \emptyset fX][_Y]hYb`]b`<i gi a ž`X]Y`G]Y`k À\fYbX`\=\fYg`6Ygi W\g`]b XYf`GhUXh`b]W\h'j YfdUggYb`gc``hYb"

8Yf'<i gi a Yf'A Uf_hd`Uhn

8 Yf'<i gi a Yf'A Uf_hd`Uhn`]gh'Y]bYf'XYf'gWX ÒbghYb'D`ÀhnY'XYf'GhUXh"
9g']gh'Y]b'[fc» Yfž'cZZYbYf'D`Uhnž'XYf'jcb'j]Y`Yb'\]ghcf]gWXYb
; YVÀi XYb'i a [YVYb']gh"'<]Yf'Z]bXYb'fY[Y`a À»]['A Àf_hY'i bX
J YfUbghU`hi b[Yb'ghUhh"'9g']gh'Y]b'VY`]YVhYf'Cfh'ZØf'Hci f]ghYbž'i a
: chcg'ni 'a UWXYb'i bX'X]Y'5ha cgd\ÀfY'ni [Yb]Y»Yb"

8 Ug'<i gi a Yf'GW\cgg

8 Ugʻ<i gi a YfʻGW\`cggʻ]ghʻY]bʻ]a dcgUbhYgʻ; YVÀi XYž'XUgʻ]a ʻ\\f\%) '\\$ 'YfVUi hʻk i fXY"'9gʻ]ghʻY]bʻgY\fʻ[i hʻYf\U`hYbYgʻ6Y]gd]Y``ZØf XUgʻhmd]gW\YʻbcfXXYi hgW\Yʻ6UW_ghY]b[YVÀi XY"'< Yi hYʻVY\YfVYf[h YgʻY]bʻA i gYi a žʻ]bʻXYa ʻG]Yʻa Y\fʻØVYfʻX]Yʻ; YgW\]W\hYʻXYfʻGhUXh YfZU\fYbʻ_ObbYb"

8 Yf'<i gi a Yf'<UZYb

8 Yf'< i gi a Yf'< UZYb']gh'Y]b'k]W\h][Yg'K U\fnY]W\Yb'XYf'GhUXh"'9f kifXY']a '%* "'\J\f\ibXYfh'[YVUih'ibX']gh'\YihY'Y]bYf'XYf VY`YVhYghYb'< ÀZYb'XYf'FY[]cb"'<]Yf'_ÒbbYb'G]Y'X]Y'GW\]ZZY VYcVUW\hYbž'X]Y'Ui Z'XYa 'K UggYf'hfY]VYbž'i bX'X]Y'j YfgW\]YXYbYb; YgW\ÀZhY'i bX'FYghUi fUbhg'VYgi W\Yb"

<igia K]bXa Ø\`Y

8]Y'<i gi a 'K]bXa Ø\`Y']gh'Y]bY'XYf'À`hYghYb'K]bXa Ø\`Yb 8Yi hgW\`UbXg"'G]Y'k i fXY']a '\\J\f'%) (\$'[YVUi h'i bX']gh'gY]hXYa Y]b'VY`]YVhYg': chca ch]j "'<Yi hY'X]Ybh'g]Y'U`g'A i gYi a ž']b'XYa 'G]Y a Y\f'ØVYf'X]Y'; YgW\]W\hY'XYf'K]bXa Ø\`Yb'YfZU\fYb'_ObbYb"

8Yf'<i gi a Yf'GhUXhdUf_

8 Yf'<i gi a Yf'GhUXhdUf_']gh'Y]b'gW\ÒbYf'DUf_ž'XYf'g]W\']a '<YfnYb XYf'GhUXh'VYZ]bXYh"'9g'[]Vh'j]Y`Y'; fØbZÀW\Ybž'Ui Z'XYbYb'G]Y gdUn]YfYb'[Y\Yb'i bX'X]Y'BUhi f'[Yb]Y»Yb'_ÒbbYb"'9g'[]Vh'Ui W\Y]b][Y'Gd]Y`d`ÀhnYž'Ui Z'XYbYb'?]bXYf'gd]Y`Yb'_ÒbbYb"

8Ug'<i gi a Yf'FUh\Ui g

8 Ug'<i gi a Yf'F Uh\Ui g']gh'Y]b']a dcgUbhYg'; YVÀi XY']a bYi [ch]gW\Yb'Gh]`ž'XUg']a '\\J\f'\%, , & YfVUi h'k i fXY"'9g']gh'Y]bYg XYf'a Uf_UbhYghYb'; YVÀi XY'XYf'GhUXh'i bX'VY\YfVYf[h'\Yi hY j]Y`Y'JYfk U`hi b[gghY``Yb"

8 Ug'<i gi a Yf'GWX]ZZZU\fhga i gYi a

8 Ugʻ< i gi a YfʻGW\]ZZZU\fhga i gYi a ʻ]ghʻY]bʻ]bhYfYggUbhYgʻA i gYi a ž XUgʻg]W\a]hʻXYfʻ; YgW\]W\hYʻXYfʻGW\]ZZZU\fhʻ]bʻXYfʻFY[]cbʻVYZUggh"9gʻVY\YfVYf[hʻY]bYʻFY]\Yʻj cbʻ9l dcbUhYbžʻX]YʻX]Yʻ; YgW\]W\hYʻXYfGW\]ZZZU\fhi bXʻXYfʻGhUXhʻ< i gi a ʻUbgW\Ui `]W\YfnÀ\`Yb"

8 Yf'<i gi a Yf'8 Y]W

8 Y f' < i gi a Y f' 8 Y] W '] gh' Y] b ' V Y Y] b X f i W_Y b X Y f' 8 Ua a ž' X Y f' X] Y GhUX h' j c f' X Y b ': `i h Y b ' X Y g ' A Y Y f Y g ' g W Øhn h " ' 9 f'] gh' Y] b ' V Y `] Y V h Y g : c h c a c h] j 'i b X ' V] Y h Y h' Y] b Y b ' g W Ò b Y b ' 6 `] W_' U i Z' X] Y '? Øgh Y "

8 Ugʻ<i gi a YfʻGhUXha i gYi a

8 Ugʻ<i gi a YfʻGhUXha i gYi a ʻ]ghʻY]bʻ]bhYfYggUbhYgʻA i gYi a žʻXUg g]WXʻa]hʻXYfʻ; YgWX]WXhYʻXYfʻGhUXhʻVYZUggh"ʻ9gʻVY\YfVYf[hʻY]bY FY]\Yʻj cbʻ9l dcbUhYbžʻX]YʻX]Yʻ; YgWX]WXhYʻXYfʻGhUXhʻUbgWXUi `]WXYfnÀ\`Yb"

8Yf'<i gi a Yf'A Uf_h

 $8 \ Yf' < i \ gi \ a \ Yf'A \ Uf_h']gh'Y]b'VY`]YVhYf'C fhž'i \ a \ 'Y]b][\ Y'XYf'VYghYb \ DfcXi _hY'XYf'FY[]cb'ni '_Ui ZYb'' <]Yf'Z]bXYb'G]Y'Zf]gWXYg'; Ya ØgYž \ C Vghž':]gWX'i bX'j]Y`Yg'a Y\f'''9g']gh'Y]b'[fc > Ufh][Yf'Cfhž'i a 'Y]b][Y \ Gci j Yb]fg'ZØf' <math>\Rightarrow$ fY'@]YVghYb'ni '_Ui ZYb''

: Un]h

<i gi a `]gh'Y]bY'k i bXYfgWX ObY'GhUXh'a]h'j]Y`Yb']bhYfYggUbhYb
GY\Ybgk ØfX][_Y]hYb"'9[U`ž'cV'G]Y'Y]b'A i gYi a `VYgi WXYb'cXYf
Y]bYb'GdUn]Yf[Ub[`Ua `8Y]WX'a UWXYb'a OWXhYbž'G]Y'k YfXYb'\]Yf
VYgh]a a h'Yhk Ug' \$\DYfYggUbhYg'Z]bXYb"'6Ygi WXYb'G]Y'X]Y'cVYb
[YbUbbhYb'GY\Ybgk ØfX][_Y]hYbž'i a `\$\DYfYb'6Ygi WX']b'<i gi a
bcWX'i bj Yf[Ygg`]WXYf'ni 'a UWXYb"</pre>

8 Y hU1`c

6Ygi WXYb G]Y i bg Ui Z Y]bY!fY]gY "XY