

## ?]bXYf[Y`X'ZØf'9fkUWXgYbY.'Gc'ghY``Yb 9`hYfb'5bhfÀ[Y'bUWX'XYf'GWXi `Y

9fZU\fYb'G]Yžk]Y'Ui W\'ØVYf'%,!À\f][Y'bcW\'?]bXYf[Y`X Yf\U`hYb'\_ÒbbYb'!'5bhfÀ[Yž'JcfUi ggYhni b[Yb'i bX dfU\_h]gW\Y'H]ddg'VY]'XYf': Ua]`]Yb\_UggY"'\Hnh']bZcfa]YfYb i bX'U``Y'8YhU]`g'YfZU\fYb°

## K ]Y 'Ui W\ '1 b[ Y '9fk UW\ gYbY bcW\ ? ]bXYf[ Y`X 'Yf\ U`hYb '\_ObbYb

## FYWM hnY]h][Y 5bhfU[gghY``ib[]ghYbhgWXY]XYbX

GY`Vgh'bUW\`XYa `GW\i`UVgW\`i gg`cXYf`XYa `9ffY]W\Yb`XYg`%, "
@YVYbg^U\fYg`VYghY\h'X]Y`A Ò[`]W\\_Y]hž'?]bXYf[Y`X`ni `VYUbhfU[Yb"
8]Yg`[]`h'j cf`U``Ya ž'k Ybb`XUg`?]bX`g]W\`]b`Y]bYf`, VYf[Ub[gd\UgY
VYZ]bXYhž`VY]gd]Y`gk Y]gY`nk ]gW\Yb`nk Y]`5i gV]`Xi b[gUVgW\b]hhYb"
5i W\`k À\fYbX`Y]bYg`: fY]k ]``][YbX]YbghYg`k ]Y`XYa
6i bXYgZfY]k ]``][YbX]Ybgh`cXYf`: G>\_Ubb`k Y]hYf\]b`?]bXYf[Y`X
[YnU\`h'k YfXYb"

K Ybb'X]Y'I bhYfVfYWXi b['XYf'5i gV]'Xi b['i bj YfgWXi `XYh j Yf'Àb[Yfh'k]fXž'gc``hY'XUg'?]bX'U\_h]j 'bUWX'Y]bYa '5i gV]'Xi b[g! cXYf'Ghi X]Ybd`Uhn'gi WXYb'cXYf'Ui Z'XYb'6Y[]bb'Y]bYf'VYfY]hg

ni [YgU[hYb'5i gV]`Xi b['k UfhYb"'K ]WXh][']gh'XUVY]ž'XUgg'Yg'g]WX i a 'XYb'bÀWXgha Ò[`]WXYb'5i gV]`Xi b[g!'cXYf'Ghi X]YbVY[]bb \UbXY`h"'8]Y': Ua ]`]Yb\_UggY'VYbÒh][h'\]Yfni 'BUWXk Y]gY'ØVYf'X]Y 6Yk YfVi b[gVYa Ø\i b[Yb'i bX'X]Y'9f[YVb]ggYž'X]Y'XYb'6Y[]bb XYf'5i gV]`Xi b['cXYf'XYg'Ghi X]i a g'VYghÀh][Yb"

## $Cb^{\dagger}bY!GYfj]WY^{\dagger}ZØf^{\dagger}Y]bY^{\dagger}Y]bZUWXY^{\dagger}5Vk]W_{i}b[$

I a 'XYb'5bhfU['Ui Z'?]bXYf[Y`X'UV'%, '\\\fYb'cXYf'k]\\\h][Y BUW\kY]gY'k]Y'GW\i`\VYg\\Y]b][i b[Yb'VYei Ya 'Y]bfY]\\Yb'ni \_\ObbYb\z'\]YhYh'X]Y': Ua ]`]Yb\_UggY'Y]b'Cb`]bY!DcfhU`i bhYf k k k "ZUa]`]Yb\_UggY"XY'Ub"'5i W\X]Y'A]hhY]`i b['\ØVYf'XYb 5i gV]`Xi b[g!'cXYf'Ghi X]YbVY[]bb'\_Ubb'dfcV`Ya `cg'cb`]bY YfZc`[Yb"'K]\\h][']gh'Yg'YXc\\\\\z'X]Y'D`\\AbY'XYg'?]bXYg'Z\\f'X]Y'NY]h bU\\X'XYf'G\\\i`Y'cXYf'XYa '\%, "'@YVYbg'\\\f'fY\\\hnY]h][ a ]hni hY]`Yb\z'i a 'X]Y': cfhnU\`i b['XYg'?]bXYf[Y`XYg g]\\XYfni ghY``Yb"

Gc``hY`XUg`?]bX`bUW\`XYf`GW\i`Y`bcW\`\_Y]bY`\_cb\_fYhYb`D`ÀbY`ZØf Y]bY`i ba ]hhY`VUf`Zc`[YbXY`5i gV]`Xi b[`\UVYbž`VYghY\h`X]Y A  $\hat{O}[`]W$ \_Y]hž'k  $\hat{A}$ \fYbX`XYf`5fVY]hgi W\Y`?]bXYf[Y`X`ni `Yf\U`hYb"` $\pm$ b X]YgYa :: U```a i gg`g]W\`XUg`?]bX`VY]`XYf`5[Ybhi f`ZØf`5fVY]hcXYf Y]bYa  $\times$ VW\bhYf`UfVY]hgi W\YbX`a Y`XYb"`K Y]hYfY` $\pm$ bZcfa Uh]cbYb ni a `?]bXYf[Y`X'i bX`ni a `?]bXYfni gW\`U[`g]bX`cb`]bY`Ui Z k k k "ZUa ]`]Yb\_UggY"XY'j YfZØ[VUf"

B 5;

8 YhU]`g

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