

## K U`X\cZ'A Ubb\Y]a 'j Yf`]Yfh': $\emptyset$ \fi b[ ']a 8 YfVm '&. & [ Y[ Yb 'J ZF 'A Ubb\Y]a $^{\circ}$

8 Y f 'GJ 'K U 'X \ c Z 'A Ubb \ Y ]a 'i b X 'X Y f 'J ZF 'A Ubb \ Y ]a 'hf Y bbh Y b g ] W 'Ua '%& "'\$\; `] '& \$\&\) ']a 'H Y ghgd ] Y ``&. & "'6 c m X 'i b X 'G \ ] d b c g\_] h f U Z Y b 'Z Ø f 'K U 'X \ c Z ''



F\Y]b!BYW\_Uf!GhUX]cbž'A Ubb\Y]a ž'8Yi hgW\`UbX'!5a '%&"

\[ \frac{1}{2}\] \] \[ \frac{1}{2}\] \[ \frac{1}\] \[ \frac{1}{2}\] \[ \frac{1}{2}\]

± XYf'&\$"A]bi hY Yf`ÒghY HYffYbWY 6cmX X]Y K U`X\ÒZYfa]hY]bYa?cdZVU``hcf'bUWX Y]bYf'9W\_Y'j cb'B]W\_`Ug'G\]dbcg\_]"?i fn'XUfUi Z\ÀhhYb'6cmX'i bX'G\]dbcg\_]'X]Y'AÒ[`]WX\_Y]h'[Y\UVhž'XUg'9f[YVb]g

Ui gni VUi Ybž'XcW\`6cmX g`Ni gd]Y``\_Ua `]b`XYf`' &"`A ]bi hY`ni `gdÀh"  $\Rightarrow$  '; Y[YbhY]`ž']b`XYf`' ( "`A ]bi hY`k Uf`Yg`YfbYi h`G\]dbcg\_]ž'XYf bUW\`Y]bYf`a ]gg[` $\varnothing$ W\_hYb`F $\varnothing$ W\_dUgg!9fcVYfi b[`XYb`6U```i a `XYb [Y[bYf]gW\Yb`Hcf\ $\varnothing$ hYf`\Yfi a `]bg`BYhn`VfUW\hY` `&.\$`Z $\varnothing$ f K U`X\cZ"

## 9]b i bYfk UfhYhYf 5i g[ `Y]W

8]Y:: fYi XY:XYf'K U`X\ÒZYf'k À\fhY:b]Wh'`Ub[YžXYbb'\_i fn'j cf'XYf DUi gY:Yf\Ò\hYb'X]Y:A Ubb\Y]a Yf'XYb'8fi W\_'i bX:Yfn]Y`hYb']b'XYf (' "'A]bi hY:Xi fW. 'DUgei U` 'DUbXYf'XYb'5bgW.`i gghfYZZYf'bUW\Y]bYa '?cbhYf":8]Y:nk Y]hY:<U`VnY]h'VfUW\hY:Y]b'j YfÀbXYfhYg; Yg]W\h'XYg'Gd]Y`g"'; `Uk c[[Yf'k YW\gY`hY:ZUgh'XUg'[YgUa hY:HYUa Ui gž`YX][`]W\B]\_`Ug'<cZZa Ubb'V`]YV'Ui Z'XYa 'D`Uhn":8cW\XYf'GJ K U`X\cZ'ghY``hY:g]W\dUgg]j 'Ub'i bX:Yfa Ò[`]W\hY:XUa ]h'XYb A Ubb\Y]a Yf']b'XYf'\*) "'A]bi hY:XYb'5i g[`Y]W\XXi fW\J]bW\bh <cZYf"

Hfchn'Y]b][Yf'HcfW.UbWb'ZØf'K U'X\cZ'V`]YV'Yg'`Yhnh`]W.'VY]a
I bYbhgW.]YXYb"' K ]f'\UhhYb'X]Y'A Ò[`]W.\_Y]hYbž'XUg'Gd]Y`'ZfØ\Yf
ni 'YbhgW.Y]XYb ž'gc'Y]b'g]W.h`]W.'YbhhÀi gW.hYf'; `Uk c[[Yf"
8YbbcW.'V`Y]Vh'XUg'HYUa 'cdh]a ]gh]gW."'BUW.'XYa '8YfVm'ghY\h
bi b'XUg'HfU]b]b[g`U[Yf']b'² ghYffY]W.'Ui Z'XYa 'Dfc[fUa a ž'k c'g]Y
Ui Z'X]Y'A UbbgW.UZhYb'j cb'A YhU`]gh'7\Uf\_]k 'Ua '%\*"'\$\`]'i bX
; fYi h\Yf': Øfh\'Ua '%-"'\$\`]'hfYZZYb'k YfXYb"

- HYghgd]Y`!<][\`][\hg.
- HYffYbW'6cmX'f&\$"A]bihYŁ
- B]W\_`Ug'G\]dbcg\_]'fl ("'A]bi hYŁ
- DUgei U`DUbXYfff(' "A]bi hYŁ
- J ]bWbh' < cZYf'fk\*"A]bihYŁ

Jcf:XYa '8YfVm'\_cbbhY:XYf'GJ'K U`X\cZ'VYfY]hg'Y]b][Y'9fZc`[Y j YfVi WXYbžXUfi bhYf'G]Y[Y'[Y[Yb'XYb'G7'?ÀZYfhU`žXYb'JZF:fUb\_Ybh\U`'gck]Y'Y]b'%\$'[Y[Yb'XYb'?Uf`gfi\Yf'G7ž'kc':Y`]l@\\_Ya dYf'XUg'YbhgWXY]XYbXY'Hcf'Yfn]Y`hY"'5`g'ni gÀhn`]WXY5ba Yf\_i b['ni f'gdcfh`]WXYb'G]hi Uh]cb.'8Yf'JZF'A Ubb\Y]a '\Uh'g]WXUi WX 'a ]h'Gd]Y`Yfb'k]Y'5`YI UbXYf'9ggk Y]b'i bX'@Yc'K Ya \ObYf

: Øf X]Y : Ubg k Uf XUg 8 YfVmž XUg ]a '\_cghYbdZ]Wk h][ Yb '@]j Y! GhfYUa 'VY]' Gc`]Xgdcfh 'ØVYfhfU[ Yb k i fXYž Ui Z YXYb : U``Y]b gdUbbYbXYg '9fY][ b]g" '♣b 'XYb '\_ca a YbXYb 'K cWkYb 'k ]fX 'g]Wk nY][ Ybž k ]Y 'g]Wk 'XUg 'HYUa ']a 'HfU]b]b[ g`U[ Yf 'Ybhk ]W\_Y`b '\_Ubb i bX 'k Y`WkY : cfhgWkf]hhY 'X]Y 'Gd]Y`Yf a UWkYb 'k YfXYb" '8 Yf 'GJ K U`X\cZ'A Ubb\Y]a 'V`Y]Vh 'ZØf 'gY]bY '5b\Àb[ Yf 'Y]b '\Y]» Yf 5bk ÀfhYf 'Ui Z'X]Y '\_ca a YbXYb' < YfUi gZcfXYfi b[ Yb ']b 'XYf 'bYi Yb GU]gcb"

K Y]hYfY' = DZcfa Uh]cbYb'i bX'GhUh]gh]\_Yb'fi bX'i a ': i » VU```g]bX'Ui Z' Zi ggVU``ghUhg"cf[ 'ni 'Z]bXYb"

8 YhU]`g	
Cfh	F\Y]b!BYW_Uf!GhUX]cbžA Ubb\Y]a ž
	8 Ying W.`Ub X
EiY``Yb	• gj k \$+"XY
	• k k k "a Ubb\Y]a &( "XY
	<ul><li>k k k "Zi ggVU``ghUhg"cf[</li></ul>

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