

## 8Y: ]!GhUf!9bhk ] $W_\Upsilon$ Tf.5bXfY.7fcb $\Upsilon$ T[]Vh Ui Z

8 Yf 8 Y: ]! 9 bhk ]W\_Yf 5 b Xf Y 7 fcb Y ]gh V Y\_Ubbh ZØf g Y]b Y 5 f V Y]h Ub MY Ufb : ]b Ub W i b X X Y a : Ub hca! 2 \_cgmgh Y a : ? i f n b U W Y]b Yf 5 b \_ Øb X][ i b [ X Y g Y \ Y a U `][ Y b `? c `` Y [ Y b i b X 9 b hk ] W\_Yf g 5 b hc b B Y `` Z]Y Y b `X]Y ? f md hc d f Y]g Y ZØf X Ug a ]h 7 f c b Y j Y f V i b X Y b Y D f c Y \_ h g h U f \_ A Y \ f Y f Y H c \_ Y b `]a Ni g Ua a Y b \ Ub [ 'a ]h X Y a '? f md hc! 9 b hk ] W\_Yf 5 b X f Y 7 f c b Y ž X Y f X]Y ; cj Y f b Ub W ']b D f c Y \_ h Y b i b X 5 d d g ]b X Y f X Y n Y b h f U `Y b : ]b Ub n]Y f i b [ 'f B Y : ] ½ f Y d f A g Y b h]Y f h ž Z]Y `Y b `U a K c W Y b Y b X Y g h U f \_ ž b U W X Y a `Ub [ Y \_ Øb X][ h k i f X Y ž X Ug g X Y f G Ø X U Z f ] \_ Ub Y f 'd `Ub h ž X Y b `F U i a `Y b X [ Ø h][ 'ni 'j Y f `Ug g Y b " @ U i h U h k ]h h Y f b 5 a `G U a g h U [ 'j c b '7 f c b Y g ? c `` Y [ Y i b X Y \ Y a U`][ Y a `` Y ] h Y b X Y b `@ O g i b [ g U f W ]h Y \_ h Y b X Y f `: Ub h c a : ci b X U h ] c b ž 5 b h c b B Y `` X Y f `]a `B U a Y b 'j c b 7 f c b Y `g d f U W \ \ U V Y b ' U a d \ Y `` ]d /

- 8Yf'8Y: ]!9bhk ]W\_`Yf'5bXfY'7fcbY']gh'VY\_Ubbh'ZØf'gY]bY 5fVY]h'Ub'MYUfb': ]bUbWY'i bX'XYa ': Ubhca!2\_cgmghYa
- ?i fn'bUW\'Y]bYf'5b\_ØbX][i b['XYg'Y\Ya U`][Yb'?c``Y[Yb i bX'9bhk]\\\_`Yfg'5bhcb'BY```Z]Y`Yb'X]Y'?fmdhcdfY]gY'Z\\gammaf'XUg a ]h'7fcb\Y'j YfVi bXYbY'Dfc\Y\_h'ghUf\_

A Y\fYfY'Hc\_Yb']a 'Ni gUa a Yb\Ub['a]h'XYa '?fmdhc!9bhk]W\_`Yf5bXfY'7fcb'Yž'XYf'X]Y'; cj YfbUbW']b'Dfc'Y\_hYb'i bX'5ddg']b'XYfXYnYbhfU`Yb': ]bUbn]Yfi b['fBY:]Ł'fYdfÀgYbh]Yfhž'Z]Y`Yb'Ua K cWXYbYbXY'ghUf\_ž'bUWXXYa 'Ub[Y\_ØbX][h'ki fXYž'XUgg'XYfGØXUZf]\_UbYf'd`Ubhž'XYb'FUi a 'YbX[Ø`h]['ni 'j Yf`UggYb"

@Ui h'U'hk ]hhYfb'5a 'GUa ghU['j cb'7fcb'Yg'?c``Y[Y'i bX Y\Ya U`][Ya '`Y]hYbXYb'@Ògi b[gUfWk]hY\_hYb'XYf': Ubhca : ci bXUh]cbž'5bhcb'BY`` 'XYf']a 'BUa Yb'j cb'7fcb'Y'gdfUWk' \UVYb'X]Y'VY]XYb'VYgWk`cggYbž']\fY'6Y]hfÀ[Y'ni a '8YZ]#?fmdhc! FUi a 'i bX'j Yfk UbXhYb'Dfc'Y\_hYb'Y]bni ghY``Yb"

9g'k i fXY'\_Y]b'; fi bX'ZØf']\fYb'cZZYbg]Wkh`]WkYb'5i ggh]Y['Ui g'XYa 8Y:]!GY\_hcf'Ub[Y[YVYb"'9g']gh'i b\_`Ufž'cV'XUg'DUUf'VYUVg]Wkh][hž kY]hYf\]b'ni 'Dfc $\Upsilon$ \_hYb'Ui »Yf\U`V'j cb'8Y:]'VY]ni hfU[Yb"'7fcb $\Upsilon$ \Uh'`YhnhY'K cWkY'gY]bYb'Hk]hhYf!5WWci bh'[Y`ÒgWkh'i bX'gY]bYbU\_hi U`]g]Yfh'@]b\_YX=b'i a 'ni 'VYXYb\_Ybž'XUgg'Yf'b]Wkh'a Y\f'VY]: Ubhca 'UfVY]hYhY"

5bXfY'i bX']WX'\UVYb'YbhgWX]YXYbž'XUgg'k ]f'XUg'? Ud]hY`XYg'6Y]hfU[g'ni a '8YZ]#? fmdhc!FUi a 'UVgWX`]Y»Yb"
9g'[]Vh'Yhk U'&) '5ddg'i bX'8]YbghYž'X]Y'k ]f'Ua '' "'5df]`
&\$&&'VYYbXYb"
%#

·5bhcb·BY``·fA 5bhcbBY``7fmdhcŁ'\* "'A Afn'&\$&&

Jcb XYb &) 'Dfc Y\_hYbžgU[hY 'BY ``žgY]Yb 'X]Y 'VYa Yf\_Ybgk YfhYghYba]h MYUfb :: ]bUb WYž? YYd'f BYhk cf\_žA i `h]WXU]b "I mnžGa Ufh 7 cbhfUWh 'Dfchc Wc` '9I WX Ub [Y 'Gc`]X`mž'7\U]b`]gh i bX '6f]VY '7fj :: ]bUb WY 'j YfVi bXYb" '9]b][Y 'Dfc Y\_hY 'k YfXYb 'c ZZYbVUf'j cb UbXYfYb '@YihYb'k Y]hYf[YZØ\fhž'ZØ[hY 'BY``\]bni "

8]Y: fcbhl9bX!8]YbghY: ZØf:X]Y: a Y]ghYb: Dfc Y\_hY:k YfXYb j cfUi gg]Wkh`]Wk: V]g:ni a :' ":5df]``YbXYbž:k À\fYbX:]\f:CdYb!Gci fWY! 7cXY:i bX:]\fY:]bhY:`][YbhYb:JYfhfÀ[Y:Yg:UbXYfYb:Yfa Ò[`]WkYb k YfXYbž:X]Y:j cb:7fcbY:\]bhYf`UggYbY:@ØW\_Y:ni :ZØ``Ybž:gc:Y]bY bYi Y:BUWkf]Wkh:Ui Z:a Y\fYfYb:K YVg]hYgž:X]Y:a ]h:XYa :dfcXi \_h]j Yb 9bhk ]W\_`Yf;j YfVi bXYb:g]bXž:k ]Y:n:U`g:\U\f"Z]"

JU\fb": ]bUbnYbni a '6Y]gd]Y`` 'XYf'< Ui dhY]bgh]Y[gdi b\_h'XYg Dfchc\_c``g` 'k]fX'i bj Yfa ]bXYfh'Zcfh[YgYhnhž'i bX'Y]b'ZØ\fYbXYf dgYi Xcbma Yf'9bhk]W\_`Yf'ZØf'MYUfbž'XYf'i bhYf'XYa 'BUa Yb 6UbhY['VY\_Ubbh']ghž'k Uf'gWXbY```Ui Z'Hk]hhYf'ni 'VYUWXhYb XUgg'7fcbY'gY]h' ØVYf'Y]bYa 'J\f 'b]W\h'a Y\f'ni 'XYa 'DfcY\_h VY][YhfU[Yb`\Uh"

## ; ]Zh][ Y 8 Y: ]!?i `hi f3

> 5bXYfg'U`g'ZfØ\YfY'6i]`X]b[']b'XYZ]gi W\_g 'FU[Y! Ei]hg']gh'X]Yg'\_Y]bY'fYZ'Yl Ufh][Y'FYU\_h]cb'Ui Z'XYb <Uggž'XYf'Ui Z'X]Y'J YfÒZZYbh`]W\ib['Y]bYg'Dfc'Y\_hg

I ba ]hhY`VUf`bUW\`XYf`5b\_ØbX][i b[``Ui Z`Hk]hhYf`VY[UbbYb8i hnYbXY`j cb`bUh]j Yb`Hc\_Ybž`X]Y`a ]h`Dfc`Y\_hYb`i bX`5ddg
j Yf\_bØdZh`k UfYbž`X]Y`a ]h`BY```i bX`7fcb`Y`]b`J YfV]bXi b[`ghUbXYbcXYf`j cb`]\bYb`[Y[fØbXYh`k i fXYbž`ni `ZU``Yb": Ubhca g`Hc\_Ybfi HA Łž`VY]`XYa `7fcb`Y`XfY]`\J\fY``Ub[`Y]bY`hYW\b]gW\Y6YfUhYffc``Y`]bbY\UhhYž`]ghii a `%+ž) `i `[YZU``Yb"`

: HA 'VY[]bbh'i ba ]hhY`VUf'bUW\'XYf'5b\_ØbX][i b['j cb'BY``'ni ZU``Yb'

8]Y: Ubhca : ci bXUh]cb k ]Yg Ui Z ]\f [ fc » Yg HYUa \]bži a X]Y 5i gk ]f\_i b[ Yb j cb 7fcb Yg I a ni [ 'ni 'a ]b]a ]YfYb"

K ]f'g]bX'5bXfY'gY\f'XUb\_VUf'ZØf'U``Yg $\check{z}$ 'k Ug'Yf'ZØf'? fmd hc U`g'; UbnYg'[ YhUb'\Uh"

5``YfX]b[g']gh': Ubhca '\_Y]b'9]b!A Ubb!HYUa 'i bX'k Uf'Yg Ui WX'b]Y"

6Y]: Ubhca 'UfVY]hYb'a Y\f'U`g'( $$^A$ ]hUfVY]hYf"

:: Ubhca !Gh]Zhi b[ 'f4 : Ubhca : 8BŁ'\* "'A Afn'&\$&&

8 Yf'Hc\_Yb'j cb'? YYdYf'B Yhk cf\_'ff? YYd' fŁ'Yf`]hh'[fÒ» YfY'J Yf`i ghY i bX']ghi a '') 'i '[YZU``Ybž'k À\fYbX'XYf'Hc\_Yb'j cb'MYUfb':]bUbWW fM ±'i a '%&ž\* 'i 'Z]Y`ž'VYj cf'Yf'g]WX '`Y]WXh'Yf\c`hY' 'Y]b'A]bi g'j cb , ž\* 'i "'5``Y'UbXYfYb']a 'Hk YYh'Yfk À\bhYb'Hc\_Yb'g]bX'Y]bYa

## A]h[ihYa 6Y]gd]Y`jcfUb

7fcb Y `\ Uh'Y]bY `YfZc`[ fY]WXY ? Uff]YfY `]b `XYf`? fmd hc VfUb WXY `\ ]bhYfg]WX " @Ui h'gY]bYf @]b\_YX \( \frac{1}{2} \) !GY]hY `\ UhhY `7fcb Y `nU\ `fY]WX Y

Dcg]h]cbYb `]bbYf\ U`V `XYf `7caaib]hm ]bbYž `XUfibhYf

HY WX bc`c[ ]Y`Y]hYf `VY] `XYf : i g]cb : cib XUh]cbž `HY WX !5bU`mgh `VY]

@Yab]gWUd `ib X `7c XY!FYj]Yk Yf `VY] `XYf `BUWXf]WX hYbU[Ybhif

7fmd hc `6f]YZ]b[ " '9f`\ Uh'Ui WX `nU\ `fY]WXY `8Y: ]!Dfc Y\_hY `Ybhk]W\_Y`h
ib X `XUni `VY][YhfU[Ybž `XUfibhYf `MYUfb : ]bUb WYž `7ifjY : ]bUb WY
ib X : Ubhca"

9]bY'EiY``YžX]Y'i bhYf'XYf'6YX]b[i b['XYf'5bcbma ]hÀh'gdfUW\ži bX'Y]b'Y\Ya U`][Yf'?c``Y[Y'j cb'7fcb'Yž'gU[hY'6`cW\_k cf\_g'Ua GcbbhU[ž'Yf'gY]'VYY]bXfi W\_h'j cb'XYf' ]bgd]f]YfYbXYb'5fVY]h'XYg 9bhk ]W\_`Yfgž'XYf'a ]h'[i hYa '6Y]gd]Y`'j cfUb[]b["

5bXfY`]gh`Y]b`VYY]bXfi W\_YbXYf`8Yb\_Yf`a ]h`[fc»Yb: fU[Yb ž`gU[hY`X]Y`EiY``Y"` 9f`]gh`Y]b`k]W\h][YfibX`dcg]h]jYf`9]bZ`igg` `gY]b`KY[[Ub[`k]fX5igk]f\_ib[Yb`\UVYb"`

8]Y'EiY``Y'jcb'6`cW\_kcf\_g'ZØ[hY'\]bni ž'XUgg'XYf'?fmdhca Uf\_h']a 5``[YaY]bYb'XUni 'bY][Yž'Ui Z'9fY][b]ggY'k]Y'X]YgY ØVYfni fYU[]YfYbž'i bX'XUgg'X]Y']b'BY``g'HkYYh'i a f]ggYbYb Dfc'Y\_hY']a a Yf'bcW\' Ui »Yf[Yk O\b`]W\Y '@Yi hY'\UVYbž'X]Y'Xcfh UfVY]hYb"

 $G]Y'k YfXYb']a \ a \ Yf'bcWX'[Yk U`h][Y'HcfY'gWX]Y*Yb \ \check{z}'gU[hY'X]Y \\ Ei Y``Y''$ 

6`cW\_k cf\_g'j Yfgi W\hYž'7fcb $\Upsilon$ 'ni '\_cbhU\_h]YfYbž'Yf\]Y`h' $\Upsilon$ XcW\'V]g ni a 'FYXU\_h]cbggW\`i gg'\_Y]bY'5bhk cfh"

A UWUi `Ym`DYhYfgcb`ghYi YfhY`X]Y`6Yf]WX hYfghUhhi b[ `ni `X]YgYf ; YgWX]WX hY`VY]"

n · n

 $8 \ Yf'6Y]hfU[~8Y:~]'GhUf'8Yj~Y`cdYf'5bXfY'7fcbY'7U``g']h'Ei~]hg']gh~\\ \_Y]bY'Z]bUbn]Y``Y'6YfUhi~b[~"$ 

## 8 Y hU1`c

6Ygi WXYb G]Y i bg Ui Z \_fmdhc!bYk g"Uh