

### : fUb\_Zi fh'gYhnh'Ui Z'X][]hU`Y GhUXh]bZcfa Uh]cbYb.'D]`chdfc^Y\_h'a]h GWfYYbg

: fUb\_Zi fh'hYghYh'a ]h'GhfÒYf'X][]hU`Y'FcUXg]XY!8cc<!GWfYYbg
ZØf'`c\_U`Y' ≢b Zcg'i bX'K YfVi b['Ub'XfY]'GhUbXcfhYb"

8]Y \*\undersethY [fUh]cb a cXYfbYf?ca a i b]\_Uh]cbghY W. bc`c[]Yb']b ghÀXh]gW. Yb I a [YVi b[Yb k]fX']b : fUb\_Zi fh'Ua 'A U]b 'Xi fW. Y]b bYi '[YghUfhYhYg'D]`chdfc Y\_h'j cb 'GhfÒYf'g]W. hVUf"; fc» Y'X][]hU`Y GWfYYbgž'VY\_Ubbh'U`g'FcUXg]XY!8cc< ž'k YfXYb'Ub'XfY] dfca ]bYbhYb'GhUbXcfhYb']b'XYf'GhUXh'[YhYghYh''8]YgYg'Dfc Y\_h a Uf\_]Yfh'Y]bYb'VYXYi hYbXYb'GW. f]hh'ZØf'X]Y'GhUXhž'X]Y'V]g'Yhnh Xi fW. 'Y]bY'fYghf]\_h]j Y'Dc`]h]\_']a '6YfY]W. 'X][]hU`Y'5i » Ybk YfVi b[f8cc< Ł'VY\_Ubbh'k Uf"

#### BYiY'K Y[Y'XYf'=bZcfa Uh]cbgj YfVfY]hi b[

8]Y'FcUXg]XY!8cc<!GWfYYbg'X]YbYb'b]Whibi f'XYf'K YfVi b[žgcbXYfb'Z]b[]YfYb'Ui Wh'U`g'D`UhhZcfa 'ZØf'`c\_U`Y'i bX'fY[]cbU`Y\
\D\Zcfa Uh]cbYb"'8Uni 'nÀ\`Yb'GhUXhbUWhf]WhYbž'K Ufba Y'Xi b[YbibX'k]Wh][Y'\D\Zcfa Uh]cbYbž'X]Y'j cb'gmghYa fY`Yj UbhYb'GhY``Ybk]Y'XYa 'Ack Ug!GmghYa 'XYg'6i bXYg'cXYf'XYf'Òfh`]WhYb': Yi Yfk Y\f'VYfY]h[YghY``h'k YfXYb"'8]Y'GhUXh': fUb\_Zi fh'ghY``hg]WhYfž'XUgg'X]YgY'k Yfhj c``Yb'\D\Zcfa Uh]cbYb'Z@f'X]Y'6@f[Yf\_cghYb`cg'ni f'JYfZ@[i b['ghY\Yb"

### 9fghY '9fZU\fi b[Yb'k À\fYbX'XYf 9i fcdUa Y]ghYfgW\UZh

 $9]b~6Y]gd]Y~Z\emptyset f~X]Y~d~fU\_h]gWX~Y~Bi~hni~b[~XYf~bYi~Yb~HY~WX~b~c~c~[~]Y~d~fU\_h]gWX~Y~Bi~hni~b~[~XYf~bYi~Yb~HY~WX~b~c~c~[~]Y~d~fU\_h]gWX~Y~Bi~hni~b~[~XYf~bYi~Yb~HY~WX~b~c~c~[~]Y~d~fU\_h]gWX~Y~Bi~hni~b~[~XYf~bYi~Yb~HY~WX~b~c~c~[~]Y~d~fU\_h]gWX~Y~Bi~hni~b~[~XYf~bYi~Yb~HY~WX~b~c~c~[~]Y~d~fU\_h]gWX~Y~Bi~hni~b~[~XYf~bYi~Yb~HY~WX~b~c~c~[~]Y~d~fU\_h]gWX~Y~Bi~hni~b~[~XYf~bYi~Yb~HY~WX~b~c~c~[~]Y~d~fU\_h]gWX~Y~Bi~hni~b~[~XYf~bYi~Yb~HY~WX~b~c~c~[~]Y~d~fU\_h]gWX~Y~Bi~hni~b~[~XYf~bYi~Yb~HY~WX~b~c~c~[~]Y~d~fU\_h]gWX~Y~Bi~hni~b~[~XYf~bYi~Yb~HY~WX~b~c~c~[~]Y~d~fU\_h]gWX~Y~Bi~hni~b~[~XYf~bYi~Yb~HY~WX~b~c~c~[~]Y~d~fU\_h]gWX~Y~Bi~hni~b~[~XYf~bYi~Yb~HY~WX~b~c~c~[~]Y~d~fU\_h]gWX~Y~Bi~hni~b~[~XYf~bYi~Yb~HY~WX~b~c~c~[~]Y~d~fU\_h]gWX~Y~Bi~hni~b~[~XYf~bYi~Yb~HY~WX~b~c~c~[~]Y~d~fU\_h]gWX~Y~Bi~hni~b~[~XYf~bYi~Yb~HY~WX~b~c~c~[~]Y~d~fU\_h]gWX~Y~Bi~hni~b~[~XYf~bYi~Yb~HY~WX~b~c~c~[~]Y~d~fU\_h]gWX~Y~Bi~hni~b~[~XYf~bYi~Yb~hY~WX~b~c~c~[~]Y~d~fU\_h]gWX~Y~Bi~hni~b~[~XYf~bYi~Yb~hY~WX~b~c~c~[~]Y~d~fU\_h]gWX~Y~Bi~hni~b~[~XYf~bYi~Yb~hY~WX~b~c~c~[~]Y~d~b~[~]Y~b~[~]$ 

k Uf'X]Y'?ccdYfUh]cb'XYg' < cgh'7]hm'7ca a i b]WUh]cb'7YbhYf 'a ]h XYf'6fUbXX]fY\_h]cb'k À\fYbX'XYf': i » VU``!9i fcdUa Y]ghYfgWk UZh" 8]Y'8]gd`Umg'k i fXYb'[Ybi hnhži a '6Ygi WkYf'XYf'GhUXh'a ]h'`]j Y U\_hi Y``Yb' \dag{b}Zcfa Uh]cbYb'ni 'j Yfgcf[Ybž'k Ug'X]Y'6YXYi hi b['X]YgYf X][]hU`Yb'5b`U[Yb'i bhYfghfY]Wkh"

## K ]WX h][ \_Y]h'XYf'i ba ]hhY`VUfYb ?ca a i b]\_Uh]cb

@Ui h'5bbYhhY F]bbž'XYf'8YnYfbYbh]b'ZØf'CfXbi b[ž'G]WXYf\Y]h'i bX 6fUbXgWXi hnž'[Yk]bbYb'\_i fnY' \(\pi\)Zcfa Uh]cbgk Y[Y'VYgcbXYfg'Ub 6YXYi hi b[ž']bgVYgcbXYfY']b'?f]gYbg]hi Uh]cbYb'k]Y'I bk YhhYfb" G]Y'VYhcbh'X]Y'Bchk YbX][\_Y]hž'gck c\``bY[Uh]j Y'U`g'Ui WX'dcg]h]j Y BUWXf]WXhYb'gWXbY```ni 'j YfVfY]hYbž'i a 'XYb': fUb\_Zi fhYfb'nY]hbU\ 9f`Y]WXhYfi b[Yb'ni 'V]YhYb"' \(\pi\)fY'dcg]h]j Y'9fZU\fi b['a]h \(\pi\)Zcfa Uh]cbghUZY`b']b'I!'i bX'G!6U\bYb'OZZbYh'X]Y'HØf'ZØf ]bbcj Uh]j Yb'i bX'gWXbY``Yb'5i ghUi gWX'Ui WX']b'XYf'cVYf]fX]gWXYb ?ca a i b]\_Uh]cb"

### 9fk Y]hYfi b[ 'XYg'X][]hU`Yb'5b[YVchg']b : fUb\_Zi fh

# ; Ya Y]bgUa Y J YfUbhk cfhi b[ ZØf X]Y GhUXh[ YgY``gWX UZh

±g[YgUa h'nY][h'XUg'D]`chdfcY\_h'j cb'GhfÒYf'i bX'XYf'GhUXh : fUb\_Zi fhž'k]Y'X][]hU`Y'A YX]Yb'[Ybi hnh'k YfXYb'\_ÒbbYbž'i a 'X]Y ?ca a i b]\_Uh]cb']bbYf\U`V'XYf'GhUXh'ni 'j YfVYggYfb"'8]Y'BÀ\Y'ni XYb'6Øf[Yfbž'XUg'HY]`Yb'k]W\h][Yf'\DZcfa Uh]cbYb'i bX'X]Y
: OfXYfi b['Y]bYf'U\_h]j Yb'i bX']bZcfa ]YfhYb'; Ya Y]bgW\UZh'g]bX
YbhgW\Y]XYbXY'N]Y`Y'X]YgYg'J cf\UVYbg"'8Yf'9fZc`['X]YgYf
X][]hU`Yb'\DZcfa Uh]cbg\_UbÀ`Y'\_ObbhY'a U»[YV`]W\'ni f'9bhk]W\_`i b[
Y]bYf'YZZ]n]YbhYfYb'i bX'VØf[YfZfYi bX`]W\YfYb'?ca a i b]\_Uh]cb']b
: fUb\_Z fh'VY]hfU[Yb"

B5;

8YhU]`q

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. 'X]Y!bUWX f]WX hYb "b Yh