

### ? cU`]h]cbgd`Ub. 6i bXYgj YfZUggi b[g[Yf]WXh'j cf'Yl hfYa Yb 9]bZ`ØggYb'gWX ØhnYb

I b]cb i bX 5a dY \!? cU \]h]cb d \UbYb FYZcfa ini a 'GW\i hn XYg 6i bXYgj YfZUggi b[g[Yf]W\hg j cf 9l hfYa ]ghYb "'8 YhU] \g k YfXYb 8 ]YbghU[ ']b 6Yf \]b df\hagYbh]Yfh"

## K ]WX h][Y'FYZcfa Yb'ni a 'GWXi hn'XYg 6i bXYgj YfZUggi b[g[Yf]WX hg

6Yf`]b` '\dot'Y]bYf'VYa Yf\_Ybgk YfhYb'Ni gUa a YbUfVY]h`\UVYb'X]Y dc`]h]gW\Yb': fU\_h]cbYb'j cb'GD8ž'; fØbYbž': 8D'i bX'XYf'I b]cb Y]bYb'[ Ya Y]bgUa Yb'FYZcfa j cfgW\`U[ 'ni f'GhÀf\_i b[ 'XYg 6i bXYgj YfZUggi b[ g[ Yf]W\ hg'Ybhk ]W\_Y`h''8]YgY'A U» bU\a Y'fØW\_hY ]b'XUg'OZZYbh`]W\Y'6Yk i gghgY]bž'U`g'X]Y'6YXYb\_Yb'ØVYf'XYb 5bgh]Y[ 'YI hfYa ]gh]gW\Yf'?fÀZhY']b'8Yi hgW\`UbX'ni bY\a Yb''8Yf 9bhk i fZ'k ]fX'Ua '8]YbghU[ ']b'6Yf`]b'XYhU]``]Yfh'j cf[ YghY``hž'k cVY] i bhYf'UbXYfYa '6i bXYg'\ gh]na ]b]ghYf'A UfWc'6i gW\a Ubb'fl 8 DŁ'Ub Y]bYf'DfYggY\_cbZYfYbn'hY]`bY\a Yb'k ]fXž'X]Y'i bhYf'XYa 'A chhc GhÀf\_i b[ 'XYf'FYg]`]Ybn'XYg'6i bXYgj YfZUggi b[ g[ Yf]W\ hg 'ghY\ h''

#### < ]bhYf[ fi bX XYf F Y Zcfa Yb

 $\label{lem:nky} NkY]!8f]hhY`!AY\f\Y]h`]a~6i~bXYghU[~bOh][~ž`k~Ug`VYXYi~hYhž`XUgg~X]Y`l~bhYfghØhni~b[~XYf`l~b]cb~Xf]b[~YbX`YfZcfXYf`]Wk~]gh"$ 

# =bhYfbUh]cbU`Y`DUfU``Y`Yb'n]Y\Yb 5i Za Yf\_gUa \_Y]h'Ui Z'X]Y'FYZcfa

## 5 i gk ]f\_i b[Yb'Ui Z'X]Y'; YgY``gW\UZh'i bX'X]Y FYW\hgghUUh`]W\\_Y]h

8]Y'[Yd`UbhYb'FYZcfa Yb'g]bX'j cb'[fc»Yf'6YXYi hi b[ž'b]Wkh'bi f ZØf'X]Y'dc`]h]gWkY'@UbXgWkUZhž'gcbXYfb'Ui Wk'ZØf'XUg'JYfhfUi Yb XYf'6Øf[Yf']b'X]Y'FYWk hgghUUh`]Wk\_Y]h''8Ug 6i bXYgj YfZUggi b[g[Yf]Wkh'[]`h'U`g'<ØhYf'XYf'JYfZUggi b['i bX gd]Y`h'Y]bY'GWk`ØggY`fc``Y']a 'XYi hgWkYb'FYWk hggmghYa "'9]b YZZY\_h]j Yf'GWki hn'j cf'Yl hfYa ]gh]gWkYb'9]bZ'ØggYb']gh'XU\Yf i bYf`Àgg`]Wkži a 'X]Y'\DhY[f]hÀh'i bX'l bUV\Àb[][\_Y]h'X]YgYg k]Wkh][Yb'\Dgh]hi hg'ni '[Yk À\f`Y]ghYb''8]Y'VfY]hY'l bhYfghØhni b[XYf'6Øf[Yf'i bX'XYf'dc`]h]gWkYb':fU\_h]cbYb'k]fX'YbhgWkY]XYbX gY]bži a 'X]YgY'FYZcfa Yb'hUhgÀWk`]Wk i a ni gYhnYb''

8]YgY'9bhk]W\_`i b[Yb']a 'dc`]h]gW\Yb'6YfY]W\'nY][Ybž'XUgg'Y]b
j YfY]bhYf'5bgUhn'ni f'GhÀf\_i b['XYf'8Ya c\_fUh]Y'i bX'XYf

\dipgh]hi h]cbYb'bchk YbX][']gh"'8]Y'<YfUi gZcfXYfi b[Ybž'j cf'XYbYb
8Yi hgW\`UbX'ghY\hž'YfZcfXYfb'Y]bY'Yb[U[]YfhY'Ni gUa a YbUfVY]h
U``Yf': fU\_h]cbYbž'i a 'g]W\Yfni ghY``Ybž'XUgg'X]Y'K YfhY'XYg
; fi bX[YgYhnYg'Ui W\']b'XYf'Ni \_i bZh'[Yk U\fh'V`Y]VYb"

8 YhU]`g

6Ygi WXYb G]Y i bg Ui Z a Y]b!VYf`]b bYh