

## A ]h GdYbXYb [ Ya Y]bgUa @]W\ h ]bg 8 i b\_Y`Vf]b[ Yb. K Y]\bUW\ hgnUi VYf ZØf I bhYf XYb @]bXYb

I bhYfghØhnYb G]Y X]Y ZYgh`]WXY K Y]\bUWX hgVY`Yi WX hi b[ 'Ui Z XYa '6ci `Yj UfX' I bhYf XYb '@]bXYb ']b '6Yf`]b '6Yf`]b '6Yn]f\_gVØf[ Yfa Y]ghYf]b 'GhYZUb]Y FYa `]b[ Yf'i bX XYf K ]fhgWX UZhg\_fY]g 'A ]hhY 'Y "J " 'V]hhYb ii a 'GdYbXYbž'i a 'Y]bY VYg]bb`]WXY 5 ha cgd\ÀfY ']b 'XYf' ≠bbYbghUXh ni 'gWX UZZYb" → fY <]`ZY ']gh'YbhgWXY]XYbXž'XU'X]Y 'V]g\Yf][ Y ': ÒfXYfi b[ 'k Y[ ZÀ``h" ; Ya Y]bgUa '\_ObbYb'k ]f 'K Àfa Y 'i bX'; YVcf[ Yb\Y]h']b 'XYf Xi b\_`Yb' ≯J\fYgnY]h'j YfVfY]hYb" '9fZU\fYb'G]Y 'a Y\f'ØVYf'X]Y 5\_h]cb'i bX'k ]Y 'G]Y '\Y`ZYb'\_ObbYb"

8]Y ZYgh`]W Y Gh]a a i b[ 'Ui Z'XYa '6ci `Yj UfX' I bhYf'XYb @]bXYb ghY\h'Ui Z'XYf'?]ddY "GhfU\ `YbXY @]W hYf'i bX'Zi b\_Y`bXY 8Y\_cfUh]cbYb 'g]bX'a Y\f'U`g'bi f'gW ÒbYf'5bV`]W\_. 'G]Y 'g]bX'XUg < YfnghØW\_'XYf'K Y]\bUW hgnY]h'i bX'Ub'X]YgYf'GhY``Y'fi Zh 6Yn]f\_gVØf[ Yfa Y]ghYf]b'GhYZUb]Y'FYa `]b[ Yf'ni f'I bhYfghØhni b[ Ui Z'

Ni gUa a Yb'a ]h'XYb'VY]XYb'J cfghUbXgj cfg]hnYbXYb'XYg

K ]fhgW\UZhg\_fY]gYg'A ]hhY'Y"J "ž'5bbYhh'; fY]bYf!6Ài Yf'Y'i bX': fUb\_
< Yb\_Y`ž'\Uh'FYa `]b[Yf'X]Y'A YbgW\Yb']b'6Yf`]b'Ui Z[Yfi ZYbž'g]W\
Ua '9f\U'h'i bX'XYf': ]bUbn]Yfi b['XYf'['Ua ci fÒgYb

K Y]\bUW\hgVY`Yi W\hi b['ni 'VYhY]`][Yb"'@]W\h']gh'XUg'nYbhfU`Y

Gma Vc`'XYf'K Y]\bUW\hgnY]h ž'VYhcbh'g]Y"' =b'X]YgYf'Xi b\_`Yb

\*J\fYgnY]h'gdYbXYb'k]f'a ]h'`Yi W\hYbXYb'@]W\hYfb'K Àfa Y'i bX

; YVcf[Yb\Y]h" I bX'XUg'VfUi W\Yb'k]f'a Y\f'XYbb'Y' b]W\h'bi f

ZØf'X]Y'GYY`Yž'gcbXYfb'Ui W\'i a '; ÀghY'i bX'6Yf`]bYf']b'X]Y'7]hm'ni
`cW Yb"

9]b 5i Zfi Zmi f HY]`bU\a Y

5``Y'6Yf`]bYf'g]bX'Y]b[Y`UXYbž'a]h']\fYb'GdYbXYb'XUZØf'nigcf[Ybž'XUgg'XYf'6ci `Yj UfX'i bX'HY]`Y'XYf': f]YXf]W\ghfU\Y']a ZYgh`]W\Yb'; `Ubn'YfghfU\`Yb'''@Y]XYf'ZÀ``h'X]Y'V]g\Yf][Y': ÒfXYfi b[Xi fW\X]Y'GYbUhgj Yfk U`hi b['ZØf'K]fhgW\UZhž'9bYf[]Y'i bX'6Yhf]YVY]b'X]YgYa'\\\f'k Y['''XUg'VYXYi hYh''\Yhnh'n\\\`h'\YXYf'9i fc''' I bg]gh'VYk i gghž'XUgg'X]Y'NY]hYb'\YfUi gZcfXYfbX'g]bXž'UVYf'X]Y K Y]\bUW\hgVY`Yi W\hi b['\Uh'XUg'DchYbn]U`ž'A YbgW\Yb ni gUa a Ybni Vf]b[Yb'i bX'dcg]h]j Y'Gh]a a i b['ni 'j YfVfY]hYb ž'ZØ[h FYa`]b[Yf'\]bni "

DchYbn]Y``Y`GdYbXYf`gc``hYb`g]W\`V]g`ni a '%\* "'Bcj Ya VYf`a Y`XYbž i a 'Y]bYb`6Y]hfU['ni '`Y]ghYb"'8]Y`5bgdfYW\dUfhbYf]b`ZØf`k Y]hYfY \div Zcfa Uh]cbYb`]gh`6YUhY`6fØb]b[ ž`X]Y`@Y]hYf]b`XYf`k ]fhgW\UZh`]W\Yb: ÒfXYfi b[ 'XYg`6Yn]f\_g"`G]Y`]gh`i bhYf`XYb`HY`YZcbbi a a Yfb`f\$' \$\mathbb{L} - \mathbb{N}, '' (' +\mathbb{N}cXYf`\mathbb{N}+\mathbb{N}' +\mathbb{N}\mathbb{N}\mathbb{N}' \mathbb{N}' \mathbb{N}'

K ]f`XUb\_Yb`\\abYb`Yhnh`gW\cb`ZØf`\\abY\Ybcfa Y`I bhYfghØhni b[ ž X]Y`Yg`i bg`Yfa O[`]WYb`k ØfXYž`X]YgY`k i bXYfVUfY`HfUX]h]cb`]b`XYf 6Yf`]bYf`\\abYbghUXh`Ui ZfYW\hni Yf\U`hYb° ž`gc`XYf`K ]fhgW\UZhg\_fY]g A ]hhY`Y"J "`]b`gY]bYf`Y]bXf]b[`]W\Yb`6chgW\UZh"

A YX]YbUbZfU[Yb'\_ObbYb'Ub'X]Y'DfYggYghY``Y'XYg 6Yn]f\_gUa hg'A ]hhY'[YgWX]W\_h'k YfXYb'i bhYf'dfYggY4 VU! a ]hhY"VYf`]b"XY"

8 YhU]`g

6 Y qi W Y b 'G ] Y 'i b q 'U i Z 'b ! U [ "X Y