

?fYZY`X gi W\h'=H!GYW f]hm!A UbU[Yf. K YfXY HY]`i bgYfYf X][]hU`Yb Ni _i bZh°

9]b'Ui ZfY[YbXYg' \approx VUb[YVch'ZØf'U``Y' \pm !G]W\Yf\Y]hgYI dYfhYb''8]Y GK?'5; ']b'?fYZY`Xž'BcfXf\Y]b!K YghZU`Ybž'gi W\h'Y]bYb' \pm l'GYW'f]hm A UbU[Yf'# \pm bZcfa Uh]cb'GYW'f]hm'9I dYfh'fk #a #X \pm l''8]Yg']gh' \pm fY 7\UbW'ž']b'Y]bYf'XYf'VYXYi hYbXghYb'6fUbW\Yb'XYf'X][]hU`Yb'ŸfU Xi fW\ni ghUfhYb'

± XYfX][]hU`Yb`K Y`h'j cb`\Yi hY`k]fX`X]Y`±H!G]WXYf\Y]h']a a Yf k]WXh][Yf"'<]Yf']gh'⇒ fY'; Y`Y[Yb\Y]hž'U_h]j 'VY]'XYf'GK?'5; a]hni [YghU`hYb`i bX`XUg`±bZcfa Uh]cbgg]WXYf\Y]hga UbU[Ya Ybh'Ui ZXUg'bÀWXghY'@Yj Y``ni '\YVYb°'G]bX'G]Y'VYfY]h'ZØf'gdUbbYbXYb<YfUi gZcfXYfi b[Ybž'VY]'XYbYb'⇒ fY'9I dYfh]gY'[YZfU[h']gh3

VYf'X]Y'Fc``Y

8 c W. 'XUg']gh'b]W. h'U``Yg°'G]Y'k YfXYb']b'Y]bYa 'XmbUa]gW. Yb'HYUa UfVY]hYbž'XUg'XYb'5i ghUi gW. 'j cb'=XYYb'ZÒfXYfh'i bX'=\bYb'X]Y : fY]\Y]h'`Àgghž'? cbnYdhY'ni 'Ybhk] W_Y 'b'i bX'YfZc`[fY]W.

i a ni gYhnYb"'⇒fY'Fc``Y'i a ZUggh'Ui WX'X]Y', VYfk UWXi b['j cb G]WXYf\Y]hgdfchc_c``Yb'gck]Y'X]Y'GWXi `i b['XYf'A]hUfVY]hYf']b g]WXYfYa 'JYf\U`hYb"'<]Yf'g]bX'⇒fY'?ca a i b]_Uh]cbgZÀ\][_Y]hYb [YZfU[hž'XYbb'X]Y'Ni gUa a YbUfVY]h'a]h'j YfgWX]YXYbYb 5VhY]`i b[Yb']gh'YggYbn]Y``ž'i a 'X]Y'G]WXYf\Y]hgf]WXh`]b]Yb'ØVYf'X]Y [YgUa hY'Cf[Ub]gUh]cb'\]bk Y['ni 'YhUV`]YfYb"

8UglbhYfbY\a Yb

8]Y 'GK ? '5; ']gh'b]W\ h'bi f'Y]b '5fVY]h[YVYfž'gcbXYfb 'Y]bY; Ya Y]bgW\ UZh'j cb ' \Rightarrow bcj UhcfYb'i bX'DfcV`Ya `ÒgYfb"'K Ybb'G]Y 'HY]` X]YgYf'Ui ZfY[YbXYb'FY]gY'gY]b'a ÒW\ hYbž'XUbb'nÒ[Yfb'G]Y'b]W\ h° \Rightarrow fY': À\][_Y]hž'X][]hU`Y'G]W\ Yf\Y]h']b'?fYZY`X'ni '[YghU`hYbž']gh [YZfU[h°' \Rightarrow bj Ygh]YfYb'G]Y']b' \Rightarrow fY'Ni _i bZh'i bX'VYk YfVYb'G]Y'g]W\ bcW\ '\Yi hY"

8]Y'GhY``Y'U`g'+H'GYW'f]hm'A UbU[Yf'#+DZcfa Uh]cb'GYW'f]hm'9IdYfh
_`ObbhY'[YbUi 'XUg'F]W\h][Y'ZØf'G]Y'gY]bž'k Ybb'G]Y'XYb'8fUb[
\UVYbž']b'Y]bYa 'ni _i bZhgcf]Ybh]YfhYb'I bhYfbY\a Yb'XYb
I bhYfgW\]YX'ni 'a UW\Yb"'K cfUi Z'k UfhYb'G]Y3'-\fY'A]gg]cb'ZØf
a Y\f'G]W\Yf\Y]h'VY[]bbh\]Yf°

<]Yf VYk YfVYb i bX HY]` XYg 9fZc [g k YfXYb $^{\circ}$ ł

 $i' <]bk Y]g']b'i bgYfYf'8 UhYbgWi hnYf_`Àfi b[$

8 Y hU]`g

6Ygi WXYb G]Y i bg Ui Z b!U["XY