

5`Ya Ubb]U'5UWX Yb'fYhhYh'g]WX'a]h 8Yfj]gYj]Wj cf'V`Ua UV`Yf'Dc_U`d`Y]hY°

5`Ya Ubb]U'5UWXYb'i bX'%": 7'8ØfYb'a Y]ghYfb'X]Y'YfghY Fi bXY']a :: J A !Dc_U`"'5``Y'9f[YVb]ggY'i bX'<][\`][\hg'XYf 6Y[Y[bi b[Yb'\]Yf°

8 ØfYbž'8 Yi hgWX`Ub X`!'5`Ya Ubb]U'5UWXYb'\Uh'g]WX'a]h'Y]bYa _bUddYb'%.\$!G]Y['[Y[Yb'XYb'6Yn]f_g`][]ghYb'<cffYa Yf'GJ']a: JA!Dc_U`'[YfYhhYh''8Yf'YbhgWXY]XYbXY'HfYZZYf'Z]Y`'Xi fWX'5`X]b8Yfj]gYj]WZ'XYf'XUa]h'Y]bY'dY]b`]WXY'B]YXYf`U[Y'UVk YbXYhY''Hfchn'XYf'A Ø\YZ'X]Y'X]Y'H]hY`jYfhY]X][Yf'UiZVf]b[Yb'aigghYbz'fY]WXhY'Ygž'ia']b'X]Y'bÀWXghY'FibXY'Y]bnin]Y\Yb''

± k Y]hYfYb 6Y[Y[bib[Yb nY][hY XYf %": 7 8 ØfYb Y]bY gcij YfÀbY @Y]ghib[[Y[Yb ; Yfa Ub]U HYj YfYbž k À\fYbX XYf HØf_]gWXY GJ 8 ØfYb [Y[Yb XYb J Z@J]WX hhU`]b Y]bYa hcffY]WXYb Gd]Y`Ui Zhfia d ZhY "8 Yf : 7 K Y[VYf[!6YYW_k]YXYf\c`hY gY]bYb@[UYfZc`[ibX nc[YVYbZU`g c\bY DfcV`Ya Y]b X]Y bÀWXghYDc_U`fibXY Y]b" HYihcb]U K Y]XYb \UhhY \]b[Y[YbGWk]Yf]c GWXk]Yf][_Y]hYb a]h XYf _`UggYbh]Y ZYb 6cfigg]U @]bXYbh\U`!

6Y]a 'GJ '6fY]b]['[UV 'Yg'Y]bY 'Hcfk Ufha]gYfYž'X]Y 'YXcW 'b]W h'Ub
\$\&\bbm'; \Offn'\U[\(\tilde{z}\)XYf'U\g'Hcfk UfhhfU]bYf'Y]bgdfUb["'Ni XYa
ZY]YfhY 'XYf'J ZJ i >K]bXYb'U\g'Y]bn][Yf'?fY]g\][]gh']a
J YfVUbXgdc_U\'Y]bYb'\]ghcf]gW\Yb'A ca Ybh'a]h'XYa 'YfghYb': J A!
Dc_U\!Hcf'XYg'J YfY]bgž'a i gghY 'YXcW\']b'XYf'YfghYb'Fi bXY'X]Y
GY[Y\'ghfY]W\Yb"'K Y]hYfY'8YhU]\g'ni 'XYb'Gd]Y\Yb'Z]bXYb'g]W\']b
Y]bYa '6Yf]W\h'Ui \(\tilde{z}\)k k k "UUW\YbYf!nY]hi b ["XY"

8 YhU]`g	
Cfh	8 ØfY bž 8 Yi hg W `Ub X

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. 'b!U["XY