

BYi VfUbXYbVi f[Yf'GWk]a a \U``Y. 6Ui d`Ub'hf]hh'YbX`]W\']b': U\fh°

BYi VfUbXYbVi f['VY[]bbh'a]h'XYf'D`Ubi b['Y]bYf'bYi YbGWk]a a \U``Yž'i a 'Xf]b[YbX'VYbÒh][hY'? UdUn]hÀhYb'nigW UZZYb"

8]Y BYI VfUbXYbVi f[YfrGWkk]a a \U``YrfØW_hYbX`]Wk bà\Yf°8]Y GhUXhj YfhfYhi b['[UV'Ua '8cbbYfghU['[fØbYg'@]WkhZØf'X]Y D`Ubi b[Ybž'X]Y'VYfY]hg'gY]h'*J\fYb'Ui Z'XYf'5[YbXU'ghY\Yb"'+b Y]bYf'bUa Ybh`]WkYb'5Vgh]a a i b['gh]a a hYb'*%+'FUhga]h[`]YXYfž\Ui dhgàWk`]Wk'j cb'XYf'78I d`i g'i bX'XYf'5Z8ž'ZØf'Y]bYb'5bhfU[žXYf'Yg'CVYfVØf[Yfa Y]ghYf'Yfa Ò[`]Wkhž'X]Y'BYi VfUbXYbVi f[GhUXhkYf_Y'; a V<'a]h'XYf'5i ggWkfY]Vi b['XYf'YfghYbD`Ubi b[gd\UgYb'ni 'VYUi ZhfU[Yb"'6]g'gdàhYghYbg'' %"'A Àfn'&\$&)gc```X]Y'5i ggWkfY]Vi b['ghUhhZ]bXYbž'[YZc`[hjcb'Y]bYfia ZUggYbXYb'9bhk i fZgd`Ubi b['V]g']bg'YfghY'E i UfhU``&\$&*"

 $\label{thm:converse} Hfchn'X]YgYf': cfhgWkf]hhY'[]Vh'Yg'_f]h]gWkY'Gh]a a Yb.'; Y[bYfk UfbYb'] cf'XYb'\c\Yb'?cghYb'XYg'BYi VUi gž'XYf'Ui Z'ØVYf'' $ A]``]cbYb'9i fc'[YgWkÀhnh'k]fX"'G]Y'VYZØfWkhYbž'XUgg'XUg'Dfc'Y_h X]Y'ghÀXh]gWkYb':]bUbnYb'ØVYf`UghYb'_ObbhYž']bgVYgcbXYfY Ub[Yg]Wkhg'ghY][YbXYf'6Ui!'i bX'6Yhf]YVg_cghYb'''; `Y]WknY]h][VYhcbYb'6YZØfk cfhYfž'XUgg'X]Y'VYghY\YbXYž'($'$U\fY'U'hY GWkk]a a \U``Y'Xf]b[YbX'YfgYhnh'kYfXYb'a i ggž'i a BYi VfUbXYbVi f['U`g'C`ma d]U!GhØhndi b_h'ZØf'Hf]Uh\`cb'b]Wkh']bg <]bhYfhfYZZYb'ni 'Vf]b[Yb''C\bY'Y]bY'fUgWkY'D`Ubi b['Xfc\h'X]Y GhUXhž']b'UVgY\VUfYf'NY]h'c\bY'GWkk]a a \U``Y'XUni ghY\Yb'': Øf XYhU]``]YfhY'\DZcfa Uh]cbYb'ni 'XYb'9bhk]W_`i b[Yb'`YgYb'G]Y'a Y\f'Ui Z'k k k "bcfX_i f]Yf'"XY"$

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