

BØfbVYf[., VYffUgWXYbXYf'Nk Y]hYf']b 9i fcdUg'D]nnUfUb_]b[

BØfbVYf[']gh'ØVYffUgW\YbX'Ui Z'D`Uhn'&'XYf'VYghYb'D]nnU! GhÀXhY'9i fcdUg'[Y`UbXYhž'`Ui h'Y]bYa 'FUb_]b['j cb'<c`]Xi "

?i`]bUf]gWY9bh XYW_i b[gfY]gY]b BØfbVYf[

$FUb_]b[?f]hYf]YbibXAYh\cX]_$

8 UgʻF Ub_]b['VYfi \h'Ui Z'Y]bYfʻi a ZUb[fY]WXYbʻ5bU`mgYʻj cb; cc[`YʻA Udg!8 UhYbžʻk cVY]'bi fʻGhÀXhYʻa]hʻa Y\fʻU`gʻ) \$\$"\$\$\$
9]bk c\bYfb Y]bVYnc[Ybʻk i fXYb"'8 UgʻDcfhU`ʻ < c`]Xi ibi hnhYʻXUg
GWX`ØggY`k cfhi D]nnU ži a 'X]Yʻ5bnU\``XYfʻ[i h'VYk YfhYhYb
D]nnUfYghUi fUbhgʻi bXʻ@]YZYfX]YbghYʻni 'Yfa]hhY`b"'8]YgʻnY][hʻXUg

9b[U[Ya Ybh'BØfbVYf[gž\cWkYfh][Y'; Ughfcbca]Y'Ubni V]YhYbibX'g]Wk'U'g'Yfbghni bY\a YbXYf'A]hVYk YfVYf']a 'Yi fcdÀ]gWkYbD]nnUa Uf_h'ni 'YhUV']YfYb"

8]Y 6YXYi hi b['ZØf'X]Y GhUXh'i bX']\f [Ughfcbca]gWXYg'5b[YVch

8]Y'5i gnY]W\bi b['Ui Z']bhYfbUh]cbU`Yf'9VYbY']gh'b]W\h'bi f'Y]b; fi bX'ni f': fYi XY'ZØf'X]Y'[Ughfcbca]gW\Y'GnYbY']b'BØfbVYf[ž gcbXYfb'\Uh'Ui W\'dcg]h]j Y'5i gk]f_i b[Yb'Ui Z'XYb'Hci f]ga i g" a Yf'a Y\f'6Ygi W\Yf'YbhXYW_Yb'X]Y'GhUXh'U`g'N]Y`'ZØf_i`]bUf]gW\Y'9f`YVb]ggY"'\dot\NY]hYbž']b'XYbYb']a a Yf'a Y\f A YbgW\Yb'Ui Z'XYf'Gi W\Y'bUW\'Ui h\Ybh]gW\Yb'i bX'Y]bn][Ufh][Yb[Ughfcbca]gW\Yb'9fZU\fi b[Yb'g]bXž'dcg]h]cb]Yfh'g]W\'BØfbVYf[U`g'; Y\Y]a h]dd'ZØf'D]nnU`]YV\UVYf'Ui g'[Ubn'9i fcdU"

、VYffUgWXYbXY'9f[YVb]ggY'Ui g'=hU`]Yb'i bX UbXYfYb'GhÀXhYb

8]Y 'HUhgUW\Yž'XUgg']hU`]Yb]gW\Y'GhÀXhYž'X]Y 'ZØf']\fY'hfUX]h]cbY``Y
D]nnU'VYfØ\a h'g]bXž']b'XYb'Hcd!D`Uhn]Yfi b[Yb'j Yf[`Y]W\gk Y]gY
gY`hYb'j YfhfYhYb'g]bXž'k]fZh'Y]b']bhYfYggUbhYg'@]W\h'Ui Z'X]Y
i`]bUf]gW\Y'@UbXgW\UZh'9i fcdUg"'8Ug'FUb]b['``]ghYh'Hi f]b'U`g
G]Y[Yfž'k À\fYbX'BØfbVYf['ghc`n'XYb'nk Y]hYb'D`Uhn'Y]bb]a a hž
[YZc`[h'j cb'Fca 'Ui Z'XYa 'Xf]hhYb'D`Uhn''8]Y'ZfÀb_]gW\Y'GhUXh'\YVh
g]W\XUa]h']b'Y]bYa 'K YhhVYk YfV'\Yfj cfž'XYf'j]Y`Y'ZØf'i bXYb_VUf
[Y\U`hYb'\ÀhhYb"

: Un]h. B Øfb V Y f['U`g 'D]nnU! < c W Vi f[

8]Y'5i gnY]W\bi b['U\g'Y]bY'XYf'VYghYb'D]nnU!Gh\XhY'9i fcdUg']gh Y]b'6Yk Y]g'ZØf'X]Y'\c\Y'Ei U\]h\h'i bX'J]Y\ZU\h'XYf'_i \]bUf]gW\Yb 5b[YVchY']b'BØfbVYf["'8]YgY'9bhk]W_\i b['_\ObbhY'b]W\h'bi f'XUg [Ughfcbca]gW\Y'5b[YVch'XYf'GhUXh'k Y]hYf'VYfY]W\Yfb\z'gcbXYfb Ui W\'U\g'?UhU\mgUhcf'ZØf'Y]bY'VfY]hYfY'HfYbXk YbXY']a; Ughfcbca]Ya Uf_h'X]YbYb"'8Ug'FUb_]b['\YVh'\Yfj cf\z'XUgg'[i hYg 9qqYb'Ub'Cfh'i bX'GhY\'Y'[YqW\Ahnh'k]fX'i bX'\AXh'XUni Y]b\z'X]Y

 $\label{eq:defD} D] nn U_i `hi f' B \varnothing fb V Y f[g' [Y b U i Y f' n i 'Y f_i b X Y b'']$

B 5;

8 Y hU]`q

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