

?\icb['< U'Hicb['6c]'7`i V'hf]i a d\]Yfh VY]a '?i`hi fZYgh]j U`']b E i Ub['6]b*</pre>

8 Ug: Ygh]j U`]b'Ei Ub['6]b\'ZY]YfhY'X]Y'Jc`_g_i `hi f'a]h K YhhVYk YfVYb'i bX'VYY]bXfi W_YbXYb'5i ZZØ\fi b[Ybž'XUg ?\icb['<U'Hicb['6c]'7`i V'[Yk Ubb'XYb'YfghYb'DfY]g"



HfUZU`[Uf`Gei UfYž'@cbXcbž'l?'!5a 'j Yf[Ub[YbYb K cWXYbYbXY'ZUbX']b'XYf'Dfcj]bn'Ei Ub['6]b\'Y]b'VYXYi hYbXYg : Ygh]j U`XYf'J c`_g_i `hi fj YfY]bY'ghUhhž'VY]'XYa 'XYf'?\i cb['<U Hi cb['6c]'7`i V'XYb'YfghYb'DfY]g'[Yk Ubb"'@Ui h'J]YhbUa "j b j Yf']Y\'Y]bY'8Y`Y[Uh]cb'XYg'A]b]ghYf]i a g'ZØf'?i `hi fž'Gdcfh'i bX Hci f]ga i g'X]Y'5i gnY]WXbi b["'BUWX'nk Y]'BÀWXhYb'gdUbbYbXYf K YhhVYk YfVY'i bX'Ya ch]cbU`Yf'8UfV]Yhi b[Yb'n]Y\h'X]Y JYfUbghU`hi b['Y]bY'dcg]h]j Y'6]`Ubn"

8 Ugʻ: Ygh]j Uʻ`VchʻXYbʻhY]ʻbY\a YbXYbʻ; fi ddYbʻX]Yʻ; YʻY[Yb\Y]hž
]\fYʻfY[]cbUʻYbʻ_i `hi fY``Ybʻ6YgcbXYf\Y]hYbʻni ʻdfÀgYbh]YfYb"

+bg[YgUa hʻbU\a Ybʻ&%ʻ5i ZZØ\fi b[YbʻUi gʻnY\bʻj YfgWx]YXYbYb
7`i VgʻXYfʻDfcj]bnʻhY]`"8]YgYʻJ]YʻZUʻhʻqd]Y[Y`hYʻX]YʻY]bn][Ufh][Y

DfY]gY i bX 5i gnY]W bi b[Yb

8 UgʻC f[Ub]gUh]cbg_ca]hYYʻnY]W\bYhYʻnY\b`\YfUi gfU[YbXY @Y]ghi b[YbʻUi g"'8]YʻDfY]gYʻk i fXYbʻk]YʻZc`[h'j Yf[YVYb.

- 9fghYf'DfY]g. '?\icb['<U'Hicb['6c]'7\iV'f| Ya Y]bXY'<ib[
 HfUWXž'6c'HfUWXŁ"
- Nk Y]hYf^DfY]g. 'J c`_g[YgUb[!'i bX'; YgUb[Wi Vg'XYf
 ; Ya Y]bXY'B[i 'H\i mf@Y'H\i mŁž'Jc`_ga i g]_'i bX'; YgUb[XYf'; Ya Y]bXY'@cWB]b\'fGhUXh'8cb['<c]Ł"
- 8 f]hhYf'DfY]g. '7 `i Vg'ZØf'J c`_g`]YXYf'XYf'; Ya Y]bXY'J]b\
 B]b\'fE i Ub['B]b\\ŁŽ'J c`_g_i `hi f'XYf'; Ya Y]bXY'B\Ub
 HfUW\'fbc'HfUW\\ŁŽ'J c`_g`]YXYf' '7 U'hfi 'XYf'; Ya Y]bXY'A]b\
 CU'fA]b\'< CUŁ"

8]Y'5i ZZØ\fi b[' 5`hYf'A Ubb'hfÀ[h'gY]bY': fUi 'ni a ': Ygh 'k Uf VYgcbXYfg'VY`]YVh'i bX'VYY]bXfi W_hY'XUg'Di V`]_i a 'XYg'?\i cb[<U'Hi cb['6c]'7`i Vg"

N]Y``i bX`6YXYi hi b['XYg': Ygh]j U`g

8 Ugʻ: Ygh]j U``n]Y`hʻXUfUi ZʻUVžʻX]Yʻ`c_U`Ybʻj c`_ghØa `]W\Yb ?i `hi fk YfhYʻ]a '; Ya Y]bgW\UZhg`YVYbʻni 'j YfVfY]hYbʻi bXʻY]b 6Yk i gghgY]bʻZØfʻXYbʻGW\i hnʻgck]YʻX]Yʻ: ÒfXYfi b[ʻX]YgYf k Yfhj c``Ybʻ_i `hi fY``Ybʻ5gdY_hYʻni 'k YW_Yb"'8Yfʻ]bhYbg]j Y 5i ghUi gW\i bXʻXUgʻ@YfbYbʻZØfʻ?i bgh\UbXk Yf_Yfž @U]YbgW\Ui gd]Y`Yfʻi bXʻJ c`_g`]YX`]YV\UVYfʻk UfYbʻYbhgW\Y]XYbXY 6YghUbXhY]`YʻXYfʻJYfUbghU`hi b["

K À\fYbXXYggYb Yf`YVhY @cbXcb Ua '%%": YVfi Uf`&\$&('Y]bY gdY_hU_i `ÀfY : Y]Yf ni a '@ bUf BYk 'MYUf" \= 'HfUZU`[Uf 'Gei UfY ZUbX 'X]Y '7\]bYgY '8 UbWY 'dYfZcfa UbWY Dfca]gY 'cZ'U'H\ci gUbX MYUfg 'ghUhhž'X]Y 'j cb 'XYf'?ca a i b]gh]gWXYb 'DUfhY] '7\]bUg Z|bUbn]Yfh'k i fXY" 'K]Y '5`Ua m"XY 'VYf]WXhYhž'nc['X]YgY

 $\label{thm:condition} $$JYfUbghU`hi b[`hUi gYbXY'j cb'A YbgW\Yb'Ub'i bX'Vch'hfUX]h]cbY``Y 8fUW\Yb!'i bX'@Òk YbhÀbnY'gck]Y'fY]nj c``Y'6Ø\bYbUi Zhf]hhYž $$XUfi bhYf'6Y]^]b[!CdYfž'5_fcVUh]_'i bX'?Ua dZ_i bgh''$

8 YhU]`g	
Cfh	HfUZU`[Uf'GeiUfYž'@cbXcbž'l?
EiY``Yb	• k k k "j]Y hb Ua "j b
	• k k k "U`Ua m"XY

6Ygi WXYb'G]Y'i bg'Ui Z.'Y]bY!fY]gY"XY