

F\Y]b]b : `Ua a Yb. 8 Yi hgW\`Ub Xg [fÒ» hYg : Yi Yfk Yf_gZYgh VY[Y]ghYfh°



HfYW\h]b[g\UigYbžkc'X]Y'6Ygi W\Yf'ZØbZ'gdY_hU_i`ÀfY
: YiYfk Yf_Y'gck]Y'XUg'[fc>Y'5VgW\`iggZYiYfk Yf_']b'6]b[Yb'ibX
FØXYg\Y]a 'Yf`YVYb'_ObbYb"'BYVYb'XYa '[fUbX]cgYb': YiYfk Yf_
k]fX'UiW\X]Y'fY[]cbU`Y'?i`]bUf]_'UiZ'XYb' 5``!\DWig]j Y
DUfhmgW\]ZZYb'Ub[YVchYbž'VY[`Y]hYh'jcb'@j Y!A ig]_"'8]Y'GW\]ZZY
XYf'FØX'9j Ybh'; a V<'ghUfhYb'\]YfVY]'UV'K]YgVUXYb"

FU\a Ybdfc[fUa a 'i bX': Ygh`]WX_Y]hYb

6YfY]hg'Ua '("'\$\infty\) 'VY[]bbh'XUg'FU\a Ybdfc[fUa a 'a]h
Y]bYa 'K Ufa!! d'Ua '6]b[Yf'?i 'hi fi ZYf"'5a ': c'[YhU[ž'XYa ') "'\$\infty\) 'gcf[Yb''c_U`Y'; Ughfcbca Yb'i bX'K]bnYf'UV'%) 'I\f'ZØf'Y]b
UVk YWkg`i b[gfY]WkYg'`UbXgY]h][Yg'5b[YVch"'8cWk'XUg']gh'bcWk
b]Wkh'U``Yg. '8Yf'*"'\$\infty\]'a Uf_]Yfh'ni gÀhn`]Wk'XUg'%) "'\$\infty\]'Ài a 'XYg
_cghYbZfY]Yb'?i 'hi fi ZYfZYghg']b'6]b[Ybž'gc'XUgg'X]Y
: Y]Yf`]Wk_Y]hYb'Ub'X]YgYa 'K cWkYbYbXY'b]Wkh'VYggYf'_ccfX]b]Yfh
gY]b'_ObbhYb"

8]Y'JYfUbghU'hi b['n]Y\h'b]W\h'bi f'9]b\Y]a]gW\Y'Ubž'gcbXYfb'Ui W\; ÀghY'Ui g'U``Yf'K Y`h"'8]Y'GW\]ZZY'ZU\fYb'Ua 'gdÀhYb'BUW\a]hhU[cXYf'ZfØ\Yb'5VYbX'UVž'i a 'XYb'k i bXYfj c``Yb'GcbbYbi bhYf[Ub[i bX'X]Y'a ÀfW\Yb\UZhYb'6i f[Yb'Ybh`Ub['XYg'F\Y]bg'ni '[Yb]Y»Yb'''f\Y]b!]b!Z'Ua a Yb"Wca '\YVh'\Yfj cfž'XUgg'X]Y'; ÀghY'Ub'6cfXXYf']``i a]b]YfhYb'GW\]ZZY']a '?cbj c]'b]W\h'bi f'X]Y'<][\`][\hg'XYf':Yi Yfk Yf_Y'Yf'YVYbž'gcbXYfb'Ui W\XX]Y'a Ø\Yj c```]bgnYb]YfhYbVfYbbYbXYb'6i f[Yb'i bX'VYY]bXfi W_YbXYb'6Yb[U`ZYi YfVYki bXYfb'X0fZYb"

$DfU_h]gWXY=bZcgibX.5bnU\$ `XYf< Y`ZYf

Cf[Ub]g]Yfh'k]fX'XUg'9j Ybh'j cb'XYf'6]b[Yb'Hci f]ga i g'/?cb[fYgg'; a V<'gck]Y'XYf'FØX'9j Ybh'; a V<''', VYf'(\$\$'<Y`ZYfUi g'XYf'FY[]cb'k YfXYb'ZØf'Y]bYb'fY]Vi b[g`cgYb'5V`Ui Z'gcf[Ybžia 'XYb'; ÀghYb'Y]b'i bj Yf[Ygg`]WXYg'9f`YVb]g'ni 'V]YhYb''8]Y: À\fj YfV]bXi b['nk]gWXYb'FØXYg\Y]a 'i bX'6]b[Yb'V`Y]Vh'V]g'WU''% I\f']b'6Yhf]YVž'k Ug'XYb'6Ygi WXYfb'Yf`Ui Vhž'X]Y'J YfUbghU`hi b[']bj c``Yb'NØ[Yb'ni '[Yb]Y»Yb''8]Y'GWX]ZZY'`Y[Yb'i a 'Yhk UA]hYfbUWXh'k]YXYf'Ubž'k Yg\U'V'Y]bY'[i hY'D`Ubi b[

Ya dZY\`Ybgk Yfh']gh"

K Yf'a Y\f' ⊕ Zcfa Uh]cbYb'i bX'H]W_Yhg'ni 'X]YgYa 'Y]ba U`][Yb 9f`YVb]g'gi W\hž'Z]bXYh'U``Yg'K]W\h][Y'Ui Z'XYb'K YVgY]hYb' k Y`hYfVY!a]hhY`f\Y]bhU`"XYž'f\Y]b!]b!Z`Ua a Yb"V]b[Yb"XY i bX'fi YXYg\Y]a "XY"'JYfdUggYb'G]Y'b]W\hž'HY]``X]YgYg ZUgn]b]YfYbXYb': YghYg'ni 'k YfXYb Yg'k]fX'Y]b'9f`YVb]gž'XUg'a Ub b]W\h'gc'gW\bY``j Yf[YggYb'k]fX°

8 Y hU]`g	
Cfh	6]b[Ybž'8Yi hgWX`UbX
EiY``Yb	• k k k "V]b[Yb"XY
	 k k k "f\Y]b!]b!Z`Ua a Yb"Wca
	• k k k "k Y`hYfVY!a]hhY`f\Y]b hU`"XY

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