

IEST7100

9bj]fcba Ybhu``A UbU[Ya Ybh'9Wcbca]Wg': i bXUa Ybhu`g

HYfa 'C bY''##'&\$%

7ci fgY⁻Cj Yfj]Yk

GHJZZ7cbHJWh8YHJ]`g`

'7cbj Ybcfg'

B Ua Y	9a U]`	5j U]`UV]`]lm	@cWUh]cb	D\cbY
DUi ``Hk ca Ym	d"hk ca Ym4 i bgk "YXi "Ui	±oʻWUggʻUZhYf		\$('+*\$'%'
		gYa]bUf		

GWXcc``7cbHJWhʻ±bZcfa Uh]cb

GWkcc`cZ<iaUb]hJYg'UbX'@Ub[iU[Yg

@c\\U||cb. G\\cc``C\\Z|\\\žA\cfj\Yb'6fck\b'6i]\X]b[\z'@\j\Y``&z'&),

CdYb]b['<ci fg. 'A cbXUm'! : f]XUmž- Ua '!') da

D\cbY.'Ž*%'&'-',)'%*,%

: UI . 'Ž * %'&'-' ,) ', +\$)

9a U]`. \<u>\U`4 i bgk "YXi "Ui</u>

5ggYgga Ybh

 $8 i f] b ["h Y "Z] fgh ("k Y Y _g "c Z h Y "Wc i fg Y \~z "Z Y Y X V U W_" X i f] b ["] b h Y f U W f] Y "g Y a] b U fg "k] ```U ``c k "mc i "hc "[i U [Y "mc i f d fc [f Y gg "] b "h Y "Wc i fg Y "$

5ggYgga Ybh'HUg_g'

5ggYgga Ybh'hUg_	K Y][\h	8i Y [.] 8UHY	Gh XYbh@YUfb]b[Ci hWca Yg 5ggYggYX
:]bU``91 Ua `	')।	*da 'A Um'- 'fgYY'a ccX'Y 'Zcf Z fh\Yf'XYhU]`gŁ	%ž&Ž ž(ž)

g]a]`Uf]hmifYdcfhg"

5 HY b X U If Ya Y b hg > %

† fYj]Yk ``Y '

Gli XYblg:UfX glfcb[mYbWci fU[YX:lc:UllYbX:U``'WUr

<mark>Yig</mark>lfcb[`mYbW

7ci fgY GW

J]Yk "WUgg"hja YHUV"Y

";	> %o	† fY.]\	Yk ¨

k ``YWhifY`fYWcfX]b[g"

5

Fygci fWyg

DfYgWf]VYX`F Ygci fWYg`

 $\pm 0.7cfa\ Uhljcb `UVci\ hfYgci\ fWYg'k\]```VY'j\]U'h\Y'Wci\ fgY'A\ ccX`Y'g]hY''$

FYWca a YbXYX FYgci fWYg

 $\pm b \hbox{\it Zcfa Uh} \hbox{\it Cb'UVci hfYgci fWYg'k}] ```VY'j] \hbox{\it U'h} Y' \hbox{\it Wci fgY'A ccX'Y'g}] \hbox{\it M'}''$

7ci fgY 9j

5 WUXYa]W<cbYghmUbX D`U[]Uf]ga

D`U[]Uf]ga `]g`i g]b['h\Y`k cfXg`cf`]XYUg`cZch\Yfg`UbX`dfYgYbh]b['h\Ya `Ug`mci f`ck b"'=hWUb`hU_Y`a Ubm Zcfa gžZfca `XY`]VYfUhY`W\YUh]b['hc`UWW]XYbhU``mWcdm]b['Zfca `U`gci fW'k]h\ci hUW_bck `YX[Ya Ybh'

 $I BGK `[fci dg'd`U[]Uf]ga `]bhc'h\Y'Zc``ck]b[`WUhY[cf]Yg.$

 $7 \text{ cdm}b[...i g]b[...h\Y.gUa Y.cf.j Yfmig]a] \Uf'k cfXg'hc'h\Y.cf][]bU''hYl h'cf']XYU'k]h\ci h'U\V_bck `YX[]b[...h\Y.cf][]bU''hYl h'cf']XYU'k]h'cf']$

5 WUXYa]W = b Zcfa Uh cb.

: cf`YggYbhJU``gh XYbh`]bZcfa UhJcb`fY`UhJb['hc.

- fYei Yghg Zcf Yl hYbg]cb/
- `UhY`gi Va]gg]cbg`[i]XY`]bYg/
- fYj]Yk 'cZa Uf_g/
- I BGK '< YU`h\ 'UbX'GUZYhm'dc`]W[Yg/
- YI Ua]bUhcb dfcWXi fYg/
- gdYWJU``Wcbg]XYfUHjcb`]b`H\Y`Yj YbhcZ]``bYgg`cf`a]gUXj Ybhi fY/
- gh XYbhYei]lmUbX X]gUV]`]lm/
- UbX'ch\Yf'YggYbhJU`'UWUXYa]W]bZcfa UhJcbž'gYY

\hdg.#k k k "Uffg"i bgk "YXi "Ui #W ffYbhgh XYbhg#UWJXYa]W]bZcfa Uf]cb#dfchcWc`g![i]XY`]bYg#

.

a U[Y'7fYX]h

H\Y'YWcbca]Wg'cZYbYf[mgci fWfg"'Di V']WXca U]b']a U[Yg"

7F = 7CG

7F = 7CG Dfcj]XYf 7cXY. \$\$\$-,;