

NUi VYf\UZhY ? UgdYfY]Yb i bX 5VYbhYi Yf. Di ddYbh\YUhYfZYgh]a : 9N!6Yf`]b

9f`YVYb`G]Y`XUg`&, "'Di ddYbh\YUhYfZYgh`]a :: 9N!6Yf`]b`Ua &' "'i bX`&("'Bcj Ya VYf°:: fYi Yb`G]Y`g]W\'Ui Z',)

J cfghY``i b[Yb'j cb`&%'Di ddYbh\YUhYfbž`gdUbbYbXY

5VYbhYi Yf`i bX'_fYUh]j Y`K cf_g\cd!5b[YVchY`ZØf'?]bXYf`UV

' '*\J\fYb"'; Yb]Y» Yb`G]Y`A ÀfW\Ybž``]YVYj c``Y`\DgnYb]Yfi b[Yb
i bX`YI _`i g]j Y::]`a j cfZØ\fi b[Ybž`XUfi bhYf`XYf`bYi Y

GUbXa ÀbbW\Yb!:]`a "'H]\W_Yhg`UV'-ž) \$ '9i fc'



"8 Ug': 9N!6Yf`]b`k]fX`Ua `&' "'i bX`&("Bcj Ya VYf`ni a `]gW\YbGW\Ui d`Uhn`ZØf`_`Y]bY`5VYbhYi fYf`i bX`Di ddYb`]YV\UVYf``8 Ua]h]gh`XUg`&, "'Di ddYbh\YUhYfZYgh`XYf`UVgc`i hY`< Ò\Ydi b_h`ZØf: Ua]`]Yb`a]h`?]bXYfb`UV`' `\\\fYb"`C V`_i bhYfVi bhY`? UgdYf`Y!H\YUhYfž`gdUbbYbXY`5VYbhYi Yf`cXYf`VYnUi VYfbXY`A ÀfW\Yb`\]Yf`]gh`ZØf`^YXYb`Yhk Ug`XUVY]```

", VYf",) 'J cfZØ\fi b[Yb'j cb']bg[YgUa h'&%'fYbca a]YfhYb Di ddYbh\YUhYfb'Ui Z'%- 'j YfgW\]YXYbYb'6Ø\bYb''8Yf 9]bhf]hhgdfY]g3'Bi f'%&'9i fc'dfc'DYfgcbž'i bX'ZØf': Ua]`]Yb'UV'nk Y] DYfgcbYb'[]Vh g'gc[Uf'H]W_Yhg'ZØf'bi f'-ž) \$'9i fc''9]b'9f`YVb]gž'XUg a Ub'g]W\'b]W\h'Ybh[Y\Yb'`UggYb'gc``hY'''

~6Y[Y]ghYfi b['Ui Z'U``Yb '6Ø\bYb

"8cW\"XUg"]ghbcW\"\ub[Y'b]W\h'U\"\yg\"9]b'Ui ZfY[YbXYg
FU\a Ybdfc[fUa a 'k]fX'X]Y'; fYbnYb'nk]gW\Yb'Di V\"]_i a 'i bX
?Øbgh\Yfb'j Yfk]gW\Yb"\5b'_fYUh]j Yb'6UghY\gh\bXYb'_\ObbYb'X]Y
?]Xg']\fY'Y][YbYb'Di ddYb'YfgW\UZZYb\"I bX'X]Y'gdYn]Y\"\
:][i fYbUi gghY\"i b['j cb'Di ddYbVUi Yf]b'6UfVUfU'K Y]b\c\X
[Yk\A\fh'Yl_\ig]j Y'9]bV\]W_Y'\]bhYf'X]Y'?i\"]ggYb'XYg
Di ddYbh\YUhYfg"''

"5 Wh]cb i bX I bhYf\U`hi b[ZØf X]Y ? `Y]bYb

": Øf'X]Y'? `Y]bYb'i bX'[Ubn'1 b[Yb'Ni gW\Ui Yf'[]Vh'Yg']b'XYf
A Y\fnk YW_\U``Y'hc``Y'Gdcfh!'i bX'Gd]Y`Ub[YVchY"'9]b'Gd]Y`VYfY]W\
a]h'Fi hgW\Y'i bX'6À``YVUX'gcf[h'XUZØfž'XUgg'X]Y'?]bXYf'g]W\
cfXYbh`]W\'Ui ghcVYb'_ObbYbž'k À\fYbX'X]Y'9fk UW\gYbYb'Yg'g]W\
VYei Ya 'a UW\Yb'_ObbYb*'5i W\'Gh]``!'i bX'K]W_Y`fÀi a Y'ghY\Yb
VYfY]h""

"9]b'[Ubn'VYgcbXYfYg'<][\`][\h']b'X]YgYa ' \pm U\f.'8 Ug' GUbXa ÀbbWXYb'ZY]Yfh'b]W\h'bi f'gY]bYb'*) "'; YVi fhghU[\pm 'gcbXYfb

\Uh'Ui W\'Y]bYb'bYi Yb':]`a ']a '; YdÀW_' ' 8]Y'FY]gY'ni f HfUi a gUbXa Ø\`Y "'?`Y]bYg'i bX'[fc»Yg'Di V`]_i a '_ÒbbYb'X]YgYb GhfY]ZYb']a ': 9N'Ui Z'XYf'[fc»Yb'@Y]bk UbX'[Yb]Y»Yb'''

"I bX'\]Yf'_ca a h'XYf'7`ci.:Nk Y]'H]W_Yhg'ni a 'DfY]g'j cb
Y]bYa "'9]bZUW\'Y]b'GhØW_'Ui g'XYa 'Gd]Y`d`Ub'Ui gk À\`Yb'i bX
bUW\'XYf'J cfghY``i b['XUg'H]W_Yh'Ub'XYf'HU[Yg_UggY'Y]bhUi gW\Yb''
Gc'ghY\Yb'XYb'H\YUhYfZfYi bXYb'i bnÀ\`][Y'A Ò[`]W_Y]hYb'cZZYbž
qc`Ub[Y'XYf'H]W_Yhi cffUh'fY]W\h''

"BYVYb'U``X]YgYb'5hhfU_h]cbYb']gh'Ui W\'XYf'6Ygi W\'XYf dfY]g[Y_fÒbhYb'5i gghY``i b['Gi g]'i bX'K]f ']a '5@=79' ?]bXYfa i gYi a ']a 'H]W_YhdfY]g'Ybh\U`hYb''8]YgY'VYY]bXfi W_YbXY 5i gghY``i b['YfnÀ\`h'X]Y'VYk Y[YbXY'; YgW\]W\hY'j cb'Gi g]'7c``a ž Y]bYa '%X]gW\Yb'A ÀXW\Ybž'XUg'g]W\']a '6Yf']b'XYf'(\$Yf'\J\fY j YfghYW_Yb'a i gghY'''9]b'k]W\h][Yf', VYfV`]W_'\ØVYf'N]j]`Wci fU[Y i bX'X]Y'?cbgYei YbnYb'XYg'K Y[gW\Ui Ybg' 'Y]b'9f`YVb]g'Z\Øf?]bXYf'UV'\%\$'\J\\fYb'''

 $\label{eq:continuous} $$ \text{C}_b^* W Y f^* X = f^* Y f^* Y f^* X Y f^* Y f^*$

•

8 Y hU]`c

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. 'a Y]b!VYf`]b "bYh