

; GA!Gi ddcfh'i `"'8cVfY[c'DUghYfnU'%\$&#) ž'' %! ( %\* '? fU\_Œk a cV]`Y`Ž(, '\*\$, %\$+()) ž'B=D', %'''), \*\$- 'F9; CB.'%, %\$, %''( k k k "[ ga ! gi ddcfh"bYh

A 9D\$ 66; D; 'WUV'Y





**A 9D\$ `66`WWV`Y**`; **D**; `]g`U`gdYW]U``m`XYg][ bYX`WWV`Y`k \]W\`U``ck g`mci `hc`k cf\_`k]h\`gdYW]U``@ Hcc``A 9D`FYgYh'#'8]fYVMiI b`cW\_  $ZYUH \ fYg'k \setminus ]WX \ fYei \ ]fY'U'dck \ YfYX'A \ ]Wfc'G8'7UfX'''K \ cf\_]b[\ 'cb'6'UW\_6Yffm'-, \%$\check{z}-, ) \\ \$\check{z}-, *\$\check{z}--\$\check{z}--' \$\check{z}--, \%\check{z}-*\&\$'WUb'VY' \ A'' \ A''$ igYX'Zcf'<H7'acXY`g'k\]WX'fYei]fY'A]Wfc'G8'7UV`Y'hc'X]fYWfib`cW\_'hcc"'5`gc'dcgg]V`migYX'Zcf'acfY'ZihifY'cdh]cbg'UbX gi ddcfh'Zcf'ch\Yf'd\cbYg'k]h\'A]WfcG8'7UV'Y'WcbbYWh]j]hm''K]h\'h\]g'UXUdhYf'h\YfY']g'bc'f]g\_'cZXUaU[Y'UbX']hfg'g]ad'Y'UbX

## : YUhi fYg.

 $! \ \ i \ gY' \ dck \ YfYX'a \ ] \ WfcG8' \ dcfh' \ Zcf' \ fYUX' \ I \ b`c \ \underline{W}' \ 7cXYg' \ Zcf' \ U```YI \ ] gh]b[\ \ / \ \ Z \ hi \ fY' \ j \ Yfg] \ cbgz' \ X] \ fYWh' \ b`c \ \underline{W}' \ \#' A \ 9D\ fYgYhz' \ fYdU] \ f' \ = A \ 9= A \ P(A \ B) \ A \ P(B) \ A \ P(B) \ P(B)$ UbX fYa cj Y C dYfUhcfftj @c[ c #XYVfUbX]b[ 'Zfca '66'-, %\$z'-, ) \$z'-, \*\$z'-- \$\$z'-- \$\$z'--, %z'-\* &\$

! i gY dck YfYX a ]WfcG8 dcfh Zcf i b`cW\_h\Y ``UhYgh d\cbYg i g]b[ @[ Hcc`

 $! \ k \ cf\_]b[\ k \ ]h\ "U"`G9Hcc" j \ Yfg]cb"k \ ]h\ "@ \ Hcc" \ UVM]j \ Uh]cb"fbYYX"hc" \ Uj \ Y"WYX]hg"hc" i \ gY"ZYUhi \ fY"A \ 9D\$"fYgYhc \ Uh]cb"fbYYX"hc" \ Uj \ Y"WYX]hg"hc" i \ gY"ZYUhi \ fY"A \ 9D\$"fYgYhc \ Uh]cb"fbYYX"hc" \ Uj \ Y"WYX]hg"hc" i \ gY"ZYUhi \ fY"A \ 9D\$"fYgYhc \ Uh]cb"fbYYX"hc" \ Uj \ Y"WYX]hg"hc" i \ gY"ZYUhi \ fY"A \ 9D$"fYgYhc \ Uh]cb"hc" \ Uh]cb"hc" \ Uj \ Y"WYX]hg"hc" i \ gY"ZYUhi \ fY"A \ yb \ Uh]cb"hc" \ Uj \ Y"WYX]hg"hc" \ Uh]cb"hc" \ U$ 

## Gi ddcfhYX a cXY q.

=b ci f Z]fgh VU`W\_VYffm fY`YUgY k Y a UXY gi ddcfh Zcf h\YgY d\cbYg.

 $- * \&\$\check{z}^{.} - , \,\, \%\$\check{z}^{.} - , \,\, ) \,\, \$\check{z}^{.} - , \,\, * \,\, \$\check{z}^{.} - - \,\, ` \,\, \$\check{z}^{.} - - \,\, ' \,\,\, \$\check{z}^{.} - - \,\, , \,\,\, \%''$ 

5```ch\Yf'a cXY`g`W ffYbhmbchgi ddcfhYX" K 9'UfY k cf\_]b[ 'Zcf'UXX]b[ 'a cfY'd\cbYz'\_]bX`mk U]h'Zcf'Zi fh\Yf'Ubbci bWa Ybhg"

## : i bWh]cb XYqWf]dh]cb.

d\cbY"'5`gc'h\]g'Vi hhcb'fYgYh'h\Y'A 9D'WcXY'Ybhfm'UhhYa dhg'fl\$''YZhL"

FYUX:WcXY: Vi hcb. '5"ck g'mci 'hc'fYUX'WcXYg'Zfca 'mci f'd\cbY"

FYdU]f']a Y]'Vi hcb. '=hTg'di fdcgY'hc'W\Ub[Y'cf'fYghcfY'cf][]bU'`=A 9='cZ'mci f'd\cbY
FYa cj Y'cdYfUhcf'`c[c'Vi hhcb.'I gY']h'Zcf'Z ``'d\cbY'XYVfUbX]b['!'fYa cj Y'cdYfUhcf'`c[cz'fYgYhj YbXcf'=8 hc'hc'XYZJi `h'cbY  $f! \ \% \ "UbX" f Y hi fb `mci f' \ WY ``d \ cbY `hc `cf] [ \ ]b \ U` \ Z J J W hc fm g Y hh] b [ \ g'' \ ]$ 

J]XYc

¥ &\$&& k k k "[ga!gi ddcfh"bYh

