#### "#\$\$%"#&# '!(%)\*+

# ,-./0!1..-23!4)3!54) ,6.078"209/:/27!;2<06-6=/>!"-/?/>.-!1@2>/.-/A9 !"#\$%&'(%)\*+,-%./\*01 2/3+4-5%(6%78899 #!\$:;;!:<77= 3>??4-@>/A01?4?3?B?C-DA

## +7<>.9/6?

E-4B/F0%&F+,-\*>+0G

.?>1,+44-5\h H.

) /I0/\*%/J%K1G>+I?4%H1-\*?LG5% (AMA>0\\#==8: (AMA>0\\\$;5\\#==<

2+DD4-\\H-FF->>--\\'0?0-\\&F+.-\\*>+0G

2 A\*J\*-->3/\*/5%H.

 $K^*-:^*-NA+>+0->^*J/^*K_1G>+1.24^*H_1-^*2LG^*, I_1//45^*, -L_0-B_3-^*M==!: 0AF-M==8$ 

PA\*B?F\&F+,-\*>+0G

 $Q^*--F$ , +44-5\%' R

E?I1-4/\*%/J% (\*0>%+F%EA>+F->> (DB+F+>0\*?0+/F (AMA>0%#===: 2?G%#==;

### &/>2?A<02!.?7!"209/:/>.9/6?

6+I-F>-D\K1G>+I?4\H1-\*?L+>0

'0?0-\/J\( 4?3?B?E/?\*D\/J\K1G>+I?4\H1-\*?LG

K1G>+I?4\H1-\*?LG\\6+I-F>-\\S\\KHT8<875\\UI0/3-\*\\#=\$7: K\*->-F0

. -A\*/4/M+I%R4+F+I?4%'L-I+?4+>0%W.R'X

E/?\*DhR-\*0+J+-Dh'L-I+?4+>0h+Fh..-A\*/4/M+IhK1G>+I?4hH1-\*?LG5h(B-\*+I?FhE/?\*Dh/JhK1G>+I?4hH1-\*?LGh'L-I+?40+->5hR-\*0+J+I?0+/Fh..AB3-\*h;#8=\$5h2?Gh#=\$7:K\*->-F0

(KH (NR\*-D-F0+?4-DNR4+F+I?4NYF>0\*AI0/\*5N0?FA?\*GN#=\$=

#### B6?60A!.?7!\*C.07A

P?IA40G% (Z?\*D%J/\*%[\I-44-FI-%+F%'-\*,+I-

K?0\\R?LL\\R/, -G\\R/44-M-\\/J\\ (44+-D\\T-?401\\K\*/J->>+/F>5\\&F+, -\*>+0G\\/J\\\ 'A01\\ (4?3?B? 2?\\I\\#=\#;

P?IA40G% (Z?\*D%J/\*%[\I-44-FI-%+F%H-?I1+FM

K?0\\R?LL>\\R/, -G\\R/44-M-\\/J\\ (44+-D\\T-?401\\K\*/J->>+/F>5\\&F+, -\*>+0G\\/J\\\ 'A01\\ (4?3?B? 2?\\I\\#=\#\\$

R/BBAF+0G%[FM?M-B-F0%P-44/Z &F+,-\*>+0G%/J%'/A01%(4?3?B? #=#=:#=#\$

H/L%K\*/J% ( Z?\*D

'?44G\\'0-?DB?F\\R1?L0-\*5\\&F\,-\*>\OG\\/J\\'\/A01\\(4?3?B?\\2/\*0?\*\\E/?\*D\\\#=\$9

P?IA40G\\' I1/4?\\
K?\]+F>/F^\\P/AFD?0+/F\\K1G>+I?4\\H1-\\?LG\\P?IA40G\\' I1/4?\\K\\/M\\?B
E/>0/F5\\&F+,-\\>+0G
#=\\$9

## 406:2AA/6?.-! D 60E!+F@20/2?>2

&F+, -\*>+0G\%/J\%' /A01\% (4?3?B?\%) -L?\%0B-F0\%/J\%\1G>+I?\%\H1-\*?LG5\% 2 /3+4-\% (6 (>>+>0?F0\%\\*K\*/J->>/\*5\%\UI0/3-\*\\#=\\$8:L\*->-F0
R1?\+\*\\/J\% (DB+>>+/F>\% (AMA>0\\#=\#7:L\*->-F0
R1?\+\*\\/J\%\RA\*\*+IA4AB5\% (AMA>0\\#=\\$9:L\*->-F0
(>>+>0?F0\%) +\*-I0/\*\\/J\%\R4+F+I?\\$4 [DAI?\0+/F5\\UI0/3-\*\\#=\\$8:\##5\\ (AM\A>0\\#=\#7:0?F\\#=\#;\YF0-\*\B\%) -L?\\$0B-F0\\R1?\+\*\\?FD\\K\*/M\*?B\%) +\*-I0/\*5\% (AM\A>0\\#=\#\$: (AM\A>0\\#=\##\YF0-\*\B\%) +\*-I0/\*\\/J\\R4+F+I?\\$4 [DAI?\0+/F5\((AM\A>0\)\#=\\$5: )-I-B3-\*\\#=\\$5<
K?\\H+B-\\YF>0\\*A10/\*\\J\\R4+F+I?\\$4 [DAI?\0+/F5\((AM\A>0\)\#=\\$5: )-I-B3-\*\\#=\\$5

'L\*+FM1+44\\YFL?0+-F0\\V-1?35\\2/3+4-5\\(6\)
KV . \\K1G>+I?4\\H1-\*?L+>0
./,-B3-\*\\#=\#7: L\*->-F0

&F+, -\*>+0G\/J\\' /A01\\ (4?3?B?\\K1G>+I?4\\H1-\*?\LG\\P?IA40G\\\R4+F+I5\\ 2/3+4-5\\ (6\) 0?FA?\*G\\\#=\$8: K\*->-F0\\\\?\\\F--D-D\\

- ! &%-0"#7(12'30"#.(42%-#5'(!33)"0#:0)7(8)&G07%\$(E%":0)7(D%%:07/5\".-Z\"U\*4-?F>5\"6 (C\"P-3\"A\"?\"H\"#:5\\#=\\$9
- B7:-)\$, ":0)7(:)(B73:-, &%7:(!3303:\%\$(E)\*:(4033, \%(D)G0.0V#:0)7\% (4?3?B?\K1G>+I?4\H1-\*?\LG\) (>>/I+?\0+/F\% 2 /3+4-\% (6\\0?FA?\*G\\#7\\#=\\$9
- D):0J#:0)7#.(B7:%-J0%K07/=((!7(B7:-)\$,":0)7(:)(;#"0.0:#:07/(L%2#J0)-(82#7/%52/3+4-(\*-?\K1G>+I?4\H1-\*?\LG\((>>/I+?0+/F5\)2/3+4-5\((6))
- O)-.\$(8)7\*\%\$\%-\#:0)7(\*)-(12'30"\#.(42\%-\#5'(8)7/-\%33\%R?L-\%H/ZF5\%'/A01\% (J\*+I?5\%OA4G\\#::5\\#=\$"
- ! &%-0"#7(12'30"#.(42%-#5'(!33)"0#:0)7(8) &G07%\$(E%":0)7(D%%:07/5'?F\(F0/F+/5\)Hb5\\P-3\*A?\*G\\$!:\$95\#=\$"
- ! &%-0"#7(12'30"#.(42%-#5'(!33)"0#:0)7(8)&G07%\$(E%":0)7(D%%:07/5 (F?1-+B5\\R (P-3\A?\G\\S':#=5\\#=\\$8
- ! &%-0"#7(12'30"#.(42%-#5'(!33)"0#:0)7(8)&G07%\$(E%":0)7(D%%:07/56?>\c-M?>5\\ c-P-3\*A?\*G\7:85\\#=\$;

### 12-2>927!) 2.>I/?=!.?7!\*>.72H/>!52G2-6@H2?9

- ; %\$%-#:0)7()\*(E:#:%(L)#-\$()\*(12'30"#.(42%-#5'(+14>(B:%&(O-0:07/(O)-P32)5)( UI0/3-\*\\$:75\#=#\$
- 8!14>(E%.\*CE:, \$'(O)-P32)5@'GFI1\*/F/A>\UF4+F-R/A\*>-5\\'-L0-B3-\*:UI0/3-\*\#=#\$
- E'&G0)303(B73:-,":0)7#.(<%30/7(1-)/-#&>L/F>/\*-D\3G\01-\&F+,-\*>+0G\/J\\'A01\(4?3?B?YFF/,?0+/F\+F\6-?\*F+FM\R-F0-\*\0/\+BL\*/,-\YF0\*/DAI0/\*G\KH\']+44>\R/A\*>-5\(2.9G:(AMA>0+BL\*)
- 8#&:#30#(4-#0707/(O)-P32)50(&'(\\YFF/\,?\)+\F\\?\FD\\6-?\\*F\FM\\R-F\0-\\\#=\\$
- ! 8W>(D0"-)C8-%\$%7:0#.07/(8), -3%=((>\*\*%":0J%(I7.07%(4%#"207/5%'-L0-B3-\*\#=#=: 0?FA?\*G\#=#\$
- 1#-P073)7X3(;),7\$#:0)7(;#",..'(E"2).#-3(1-)/-#&5\\E/>0/F5\\2 (C\\0AF-\\\$\\$:\\$;5\\#=\\$9\\\:\\\1/A\\*>X
- ;#",..:'(<%J%.)5&%7:(<#'5\\&F+,-\*>+0G\\/J\\'/A01\\(4?3?B?5\\P?44\\#=\$9
- E&#..(4%#"207/0(&F+,-\*>+0G\/J\)' /A01\(4?3?B?\\YFF/,?0+/F\)?FD\6-?\*F+FM\R-F0-\*5\((L\*+4\)#=\$9
- W:0.0V07/(4%"27).)/'(07('),-(4LY(8),-3%5%&F+,-\*>+0G\/J\\'/A01\(4?3?B?\\YFF/,?0+/F\\?FD\)6-?\*F+FM\R-F0-\*5\(2?\*I1\\#95\\#=\$9
- <%J%.)507/(D)\$,.%3(\*)-('),-(4LY(8),-3%5\&F+,-\*>+0G\/J\'\'/A01\(4?3?B?\YFF/,?0+/F\\?FD\)6-?\*F+FM\R-F0-\*5\\'-L0-B3-\*\\#"5\\#=\$"
- S%::07/(3:#-:%\$(K0:2(4LY(;#'',...'(O)-P32)55%&F+,-\*>+0G%/J%'/A01%(4?3?B?%eA?4+0G%YBL\*/,-B-F0%YF+0+?0+,-5%0A4G%#\$5%#=\$''%%

#### ) 2.>I/?=! \$2A@6?A/J/-/9/2A

KL!/?7/>.92A!>6<0A2!>6607/?.960M

 $RA^{**}-F0\%H-?I1+FM\%V->L/F>+3+4+0+->$ 

P?44%' - B - > 0 - \*%% [F0\*G:4-, -4%) KH%L\*/M\*?BX

#### KH%8"8%[4-I0+,-: (D,?FI-D%.-A\*/BA>IA4?\*%KH%H/L+I>f

- 'ABB-\*\\'-B->0-\*\\#=#;\\\[F0\*G:4-,-4\\)KH\\L\*/M\*?BX KH\\8="\K?01/L1G>+/4/MG\\YY KH\\8:7\\.-A\*/BA>IA4?\*\KH\\(LL4+I?0+/F>f
- 'L\*+FM%'-B->0-\*\#=#;\\\[F0\*G:4-,-4\)KH\\L\*/M\*?BX KH\\8\$7\\R4+F+I?4\\R?>-\\V-L/\*0f KH\\8#<\(D,?FI-D\\K1G>+I?4\\H1-\*?LG\']+44>f KH\\8;#\.-A\*/BA>IA4?\*\\KH\\YF0-\*,-F0+/F>f

## K?>0%H-?I1+FM%V->L/F>+3+4+0+->

[F0\*G:4-,-4%) KH

KH%8=#%6+J->L?F%TAB?F%)-,-4/LB-F05%#=\$9:#=#=f

KH%8=:%K?01/L1G>+/4/MG%Y5%#=\$8:#=\$9f

KH\\8=!\\TAB?F\\6-?\*F\+F\\5\\#=\\$8:#=\\$9f

 $KH_{8}$ \$ $V->-?*I1_{K}*/L/>?4_{0}$ ) -, -4/LB-F05\#=\$8:#=##

KH%8\$#V -> -?\*I1%K\*/g-I05%#=\$":#=#7

KH\8\\$:\\2 -?>A\\*-B-F0\\+F\\KH5\\#=\\$8

KH\\8"\#\\R4\F\I?4\\R?>\-\\'0\AD\-\>\\YY5\\\\=\\$8f

KH\\\8\'7\\R4+F+I?4\\R?>-\\'0AD+->\\YYY5\\#=\$\':#=\$95\\#=#=f

KH%8"!%R/BL\*-1-F>+,-%R?L>0/F-5%#=\$":#=#\$

KH\\89=\K\*/J->>+/F?4+>B5\\#=\\$!:\#=\\$8

KH\\897\\KH\\YF0-\*F>1+L\\YY5\\#=\$<

2 'KH\K\*/M\*?B\J/\*\YF0-\*F?0+/F?4\'OAD-F0>

KHh! = ; hK1G>+I?4hH1-\*?LGh[ ?B5h#=\$< f

KH\!="\.-A\*/4/M+I\K1G>+I?4\H1-\*?LG5\#=\$<:#=#=f

&FD-\*M\*?DA?0-

KH, <<1.8 FD-\*M\*?DA?0-\(\(\text{T}/F/\)\*>\(\text{H}1->\)->\(\text{5}\)\(\pi=\)\$9

E 2)%;7=%.-A\*/>I+-FI-5%#=\$9f:#=#\$

## 46A98N0.7<.92!"6?9/?</?=!+7<>.9/6?!).<=I9

- 1..-2!,C\K1G>+I?4\H1-\\*?LG\J/\\*\P?44\K\\*-,-F0+/FC\\&'(\\T-?401\\.-A\\*/>I+-FI-\\'GBL/>+AB5\\K-F>?I/4?\\P65\\(L\\*+4\\#95\\#=\#;\\
- $1...-2!,5\% \ a \ 1+0-\%65\% \ (FD^*-Z)\%HC\%\% \ 'L+F?4\%R/*D\%YFgA*G: YF0-*, -F0+/F>\%0/\%YBL*/, -\%2/3+4+0G\%YFJ+*B?*G\%T-?4015\% 2/3+4-5\% \ (65\% '-L0-B3-*\%\$;5\%\#=\#7\%$

- (FD\*-Z>\H5\\1..-2!,0 [,?4A?0+/F\\?FD\\H\*-?0B-F0\\/J\\R/FIA>>+/F\\\[\L4/\*+FM\\01-\\R4+F+I?4\]
  K\*?I0+I-\\QA+D-4+F->\\&F+,-\*>+0G\\/J\\'/A01\\(4?3?B?\))-L?\*0B-F0\\/J\\K1G>+I?4\\H1-\*?LG5
  2/3+4-5\\(65'-L0-B3-\\"5\\#=\#7\\
- a 1+0-\(63\)!1..-2\!, \(\)\\' L+F?4\\R/\\*D\\YFgA\\*G\: H1-\(\(ER\)\/J\\V-1?3+4+0?0+/F\\\YFJ+\\*B?\\*G\\T-?4015\\) 2 /3+4-5\\(65\\(AMA\)>0\\75\\#=\#7
- 1..-2!, 5%P-44%) a C &FD-\*>0?FD+FM%01-%R4+F+I?4%K\*?I0+I-%QA+D-4+F-%J/\*%K?\*]+F>/F^> ) +>-?>-5 &F+, -\*>+0G%/J%'/A01%(4?3?B?%)-L?\*0B-F0%/J%K1G>+I?4%H1-\*?LG5 2/3+4-5%(65%')-L0-B3-\*%\$!5%#=##%
- P-44%) a 5 1..-2!, C &FD-\*>0?FD+FM%01-%R4+F+I?4%K\*?I0+I-%QA+D-4+F-%0/%YBL\*/, -%6/I/B/0/\*% PAFI0+/F%J/44/Z+FM%R1\*/F+I%'0\*/]-5%YFI/BL4-0-%'L+F?4%R/\*D%YFgA\*G5%?FD%E\*?+F%YFgA\*G5 &F+,-\*>+0G%/J%'/A01%(4?3?B?%)-L?\*0B-F0%/J%K1G>+I?4%H1-\*?LG5%2/3+4-5%(65%'-L0-B3-\*%\$:5%#=#\$%
- $a \ 1 + 0 \% 65\% \ 1 \dots 2! \ , (\% \ 2 \ ?] + FM\% UA0I/B \% \ 2 ?>A^* -> \% \ a \ /* \ ] \% J/*\% \ i \ /A\%?FD\% \ i \ /A^*\% K?0 + F0\% + F\% \ (DA40 \dots A^*/* 1?3 + 4 + 0?0 + / F\% \ (I^*/>> \% 1 \% R/F0 + FAAB \%/J\% R?* C\% 2 \ / 3 + 4 \% FJ + *B ?*G\% 2 D + I?4\% R F0 *5\% 2 \ / 3 + 4 5\% \ (65\% UI0/3 *\% ##5\% #= $< C\%$
- P-44%) a 5% **1..-2!**, 0 2 /, -B-F0% 'G>0-B%) +?MF/>->%?FD%PAFI0+/F?4%YF0-\*, -F0+/F>%J/\*% '+0:0/: '0?FD%?FD%&L\*+M10% 2 /3+4+0GC%%&F+, -\*>+0G%/J% '/A01% (4?3?B?%) -L?\*0B-F0%/J%K1G>+I?4 H1-\*?LG5% 2 /3+4-5% (65% '-L0-B3-\*%\$#5%#=\$<%
- 1..-2!,3 (FD\*-Z>MHC 2 A40+L4-%' I4-\*/>+>h\\[ ,+D-FI-\E?>-D\\[ \?B+F?0+/F\\?FD\\YF0-\*,-F0+/F5\\ &F+,-\*>+0G\\/J\\' / A01\\( 4?3?B?\\) )-L?\*0B-F0\\/J\\K1G>+I?4\\H1-\*?LG5\\ 2 /3+4-5\\( 65\\' -L0-B3-\*\\ !5\\#=\$<
- $P-44\% ) \ a \ 5\% \ 1... -2! \ , \ C \ T+M14+M10>\% J^*/B \% Y \ c \% 'H \ [ \ K\% R/FJ-*-FI-h\\P/IA>\%/F\\K*-D+I0+/F5\% \\ K4?>0+I+0G5\% K^*- \ , -F0+/F5\%?FD\% K?*0+I+L?0+/F\%+F\% . -A*/4/M+I\\?FD\\K-D+?0*+I\\H1-*?LG5\% &F+ \ , -*>+0G\%/J\\' 'A01\\ (4?3?B?\\) ) -L?*0B-F0\\/J\\K1G>+I?4\\H1-*?LG5\% 2 /3+4-5\\ (65\\' -L0-B3-*\\85\\#=$95\\=C; \% R \ [ &$
- $\begin{array}{l} \textbf{1...-2!} \ , 5\%P-44\% \ ) \ \ a \ \complement \ [ \ ,+D-FI-\%E?>-D\% \ [ \ \ ?B\%?FD\%YF0-* \ ,-F0+/F\%J/*\%K?* \ ]+F>/F^>\% \ ) \ +>-?>-5\% \\ \&F+ \ ,-*>+0G\%/J\%' \ / \ A01\% \ ( \ 4?3?B?\% \ ) \ -L?*0B-F0\%/J\%K1G>+I?4\%H1-*?LG\% \ 2 \ / \ 3+4-5\% \ ( \ 65\% \ ( \ AMA>0\%7=5\% \ \#=\$9 \\ \end{array}$
- 1..-2!, 5 K?\*]+F>/F^>%)+>-?>-%?FD\%K?\*]+F>/F+>Bb\%U,-\*,+-Z5\%./F: 2 /0/\*\%'+MF>5\%?FD\%)+JJ-\*-F0+?4\%)+?MF/>+>5 2 /3+4-\%(\*-?\%K1G>+I?4\%H1-\*?LG\%(>>/I+?0+/F5\%2/3+4-5\%(65 0A4G\%\$=5\%#=\$9
- P-44%) a 5% **1..-2!**, C%&FD-\*>0?FD+FM%KA>1-\*%'GFD\*/B- (J0-\*%'0\*/]-: a 1?0 D/%Z-%D/%?3/A0 +0 j &F+, -\*>+0G%/J%'/A01% (4?3?B?%) -L?\*0B-F0%/J%K1G>+I?4%H1-\*?LG5% 2 /3+4-5% (65% (AMA>0.7\$5%#=\$"

- 1..-2!, 3!P-44%) a C &LD?0-%/F%YF0-\*, -F0+/F%J/\*% 2 /0/\*%R/F0\*/45%&F+, -\*>+0G%/J%'/A01% (4?3?B?%) -L?\*0B-F0%/J%K1G>+I?4%H1-\*?LG5% 2 /3+4-5% (65% (AMA>0%\$"5%#=\$"
- $P-44\% ) \ a \ 5\% \\ \textbf{1..-2!} \ , \ (\%YF0-F0+/F?4\ K*/M*->>+/F\%+F\% \ . -A*/: \ ?FD\%Q-*+?0*+I\\ V-1?3\%K?*0\\ YY5\% \\ \&F+,-*>+0G\%/J\%' \ / \ A01\% \ (4?3?B?\%) \ -L?*0B-F0\%/J\%K1G>+I?4\%H1-*?LG\% \ 2 \ / \ 3+4-5\% \ (65\% \ (AMA>0\%7=5\% \ \#=\$8$
- $P-44\% ) \ a \ 5\% \\ \textbf{1..-2!} \ , \ C\%YF0-F0+/F?4 \ K*/M*->>+/F\%+F\% \ . -A*/: \ ?FD\%Q-*+?0*+I\%V-1?3\%K?*0\%Y5\% \\ & \ & \ F+, -*>+0G\%/J\%' \ / \ A01\% \ (4?3?B?\%) \ -L?*0B-F0\%/J\%K1G>+I?4\%H1-*?LG5\% 2 \ / \ 3+4-5\% \ (65\% \ (AMA>0)\#75\% \\ \#=\$8$

#### %?G/927!402A2?9.9/6?A

- E?AM1% [5%1..-2!,0'0\*/]-%V-1?3h%% (%K1G>+I?4%H1-\*?LG%K-\*>L-I0+,-5%2/3+4-%YFJ+\*B?\*G%'0\*/]-%'GBL/>+AB5%2/3+4-5% (65%2?\*I1%#;5%#=\$"
- $\begin{array}{l} \textbf{1...2.,} 0!K/>0 \text{ T/>L+0?4} \text{ V-1?3+4+0?0+/Fh} \text{ MR/BL-F>?0/*G},} \\ \text{\&F+,-*>+0G} \text{ /J} \text{ /H-FF->>--} \text{ 2-D+I?4} \text{ R-F0-*} \text{ ?0} \text{ 'F/\,+44-} \text{ '0*/]-} \text{ 'GBL/>+AB5} \text{ &F+,-*>+0G} \text{ /J} \text{ /H-FF->>--} \text{ /R/FJ-*-FI-} \text{ /R-F0-*} \text{ 'F/\,+44-5} \text{ /H.} \text{ .5} \text{ (AMA>0} \text{ /S} \text{ /S} \text{ /H=$$}; \\ \end{array}$

## 1>16-.0-P!\*>9/G/9/2A

#### 4220! \$2G/2C27!4<J-/>.9/6?A

 $a \ 1+0-\% 6 \ a \ 5\% \ 'B+01\% \ 'Q5\%E?0->\%R5\%1..-2! \ , 3 \ R1/+\%) \ 5\%) \ *?]-\% \ '2 \ 5\%H1/BL>/F\%H5\%) \ ?, +>\%H \ 2 \ \%$   $H1-\%E*+M10\%YD-?>\%HEY\%R?BL\MP/>0-*+FM\M+FF/ \ , ?0+/F\M+F\M+F0-*L*/J->>+/F?4\%-DAI?0+/F\M?FD\%$   $I/44?3/*?0+, -\%L^*?I0+I-\%J/*\%0*?AB?0+I\%3*?+F\%+FgA*G\%3G\%>0AD-F0>\%+F\M*-1?3+4+0?0+/F\%L*/J->>+/F>C\%$   $T(B7:\%-5-)^*(8\#-\%A(Z07(5-\%33[$ 

- $\begin{array}{l} \text{K+00>\% ) T5\%} \\ \textbf{1..-2!, 45\%} \\ \textbf{P} \\ -44\% ) \\ a \\ 5\% \\ \textbf{C}\% \\ \textbf{A} \\ \textbf{W} \\ \textbf{C}\% \\ \textbf{A} \\ \textbf{B} \\ \textbf{L} \\ -FD \\ \textbf{A} \\ \textbf{B} \\ \textbf{F} \\ \textbf{(DA40\% . -A*/BA>IA4?*\% ) +?MF/>->C\\\YFh \\ \textbf{P} \\ \textbf{A} \\$
- $^4AD+FM\%KK5\%1...-2!, 4\%\%YF0-*, -F0+/F\%J/*\%6+B+0-D\%K?>>+, -\%V?FM-\%/J\%2/0+/FC\%\%R1?L0-*\%#70\% YFM\P-44\%) a 5\%6AFF-F\% i 5\%V?A]\%VK0\%6+J->L?F\%. -A*/*-1?3+4+0?0+/F\\%(\%K?0+-F0:R-F0-*-D\%K?>+) A 5\%6AFF-F\%(-1.5\%V?A) A 5\%6AFF-F\%(-1$

 $2 / **+> \%) 2 \% c / M04-\% 6 `5 \% 1..-2! , 45 \% P-44 \%) a C \% YF0-* , -F0+/F \% J/* \% Y B L ?+*-D \% 2 / , -B-F0 R/F0*/4C \% R 1 ? L0-* \ #! C \% YF D \% M P-44 \%) a 5 \% 6 A F F-F \% ` i 5 \ V ? A ] \% V K C \% 6 + J-> L? F \% . -A*/*-1 ? 3 + 4 + 0 ? 0 + / F h ( \% K ? 0 + -F0: R-F0-*-D \% ( LL*/? I 1 \% J / B \% [ \ ? B + F ? 0 + / F \% 0 / \% Y F 0-* , -F0+/F > \% ? F D \% U A 0 I / B -> C \% K 1 + 4 ? D - 4 L 1 + ? D \% P ( \% ) ? , +> C \% 6 ? F A ? * G \% #=$90$ 

2?I'?G

 $P4-0I1-*\%0R5\%1...2!,0 )?FI+FM\% a +01/A0\%6+B+0>h\\%'-*,+I-\%6-?*F+FM\%Z+01\%?\%HZ+>0 \\ K*->-F0-D\%L/>0-*\%?0\\'0*-FM01-F+FM\\01-\%R/BBAF+0G\% [FM?M-D\\V->-?*I1\\\?FD\\'I1/4?*>1+L\\\1H//4\\E/\\m\J/*AB5\\\2/3+4-5\\(60\\0)?FA?*G\\\$75\\#=$"$ 

 $P-44\%) \ a \ 5\% \ 2 \ /**+>\%) \ 2 \ 5\% \ 1 \dots -2! \ , \ C\%\%YF0-F0+/F?4\%?FD\% \ 2 -?>A*-D\%K*/M*->>+/F\%/J\%YF0-* \ , -F0+/F>\%+F\% \ . -A*/\%?FD\%Q-*+?0*+I\%V-1?3C\% \ (4?3?B?\%K1G>+I?4\%H1-*?LG\% \ (>>/I+?0+/F\%`L*+FM\%R/FJ-*-FI-5\% \ U*?FM-\%E-?I15\% \ (65\% \ (L*+4\%$!:$"5\%\#=$8\%W$$\%1/A*>X$ 

 $T-FD-*>/F\%' E\$1...-2!, 0 RA**-F0\%K1G>+I?4\%H1-*?LG\%K*?I0+I-\%+F\%01-\%YF0-F>+, -\%R?*-\%\&F+0?0\% ?F\% (I?D-B+I\%2-D+I?4\%R-F0-*\%?FD\%T/Z\%YBL4-B-F0?0+/F\%/J\%?\%2 A40+D+>I+L4+F?*G EAFD4-(JJ-I0>\%PAFI0+/F?4\%UA0I/B->\(A(K/>0-*\%L*->-F0?0+/F5R/B3+F-D\%'-I0+/F>\%2--0+FM5\%(F?1-+B5\%R(5\%P-3*A?*G\)#=$80\%$ 

### "<002?90\*>9/G2!\$2A2.0>I!\*>9/G/9P

V/4-h%R/:YF, ->0+M?0/\*

H+04-h%R1?\*?I0-\*+>0+I>5% (>>->>B-F05%?FD%H\*-?0B-F0%/J%EKK c%+F%K?0+-F0>%Z+01%R1\*/F+I%HEY%+F%?F%YF0-\*L\*/J->>+/F?4% [,-F0%'-00+FMK\*+B?\*G%YF,->0+M?0/\*h% (FD\*-Z>%H

V/4-h%R/:YF, ->0+M?0/\*

 $H1-\$YFJ4A-FI-\$/J\$\ c ->0+3A4?\$\$^*-1?3+4+0?0+/F\$/J\$U3g-I0+, -\$?FD\$'\ A3g-I0+, -\$2-?>A^*->\$/J\$ E?4?FI-\$?FD\$\ 2 -F0?4\$T-?401\$+F\$K?0+-F0>\$Z+01\$\ c ->0+3A4?\$\$\ 2 +M^*?+F-K^*+B?^*G\$YF, ->0+M?0/^*\$\$P4?MM-\$ ($ 

## 406:2AA/6?.-! '2HJ20AI/@!.?7!\*>9/G/9/2A

(B-\*+I?F\\K1G>+I?4\\H1-\*?LG\\((>>/I+?0+/F5\\#==8: K\*->-F0 (4?3?B?\\K1G>+I?4\\H1-\*?LG\\((>>/I+?0+/F5\\#=\$7: K\*->-F0 H-FF->>--\\K1G>+I?4\\H1-\*?LG\\((>>/I+?0+/F5\\#==8:#=\$8

(I?D-BG%/J%.-A\*/4/M+I%K1G>+I?4%H1-\*?LG5 (B-\*+I?F%K1G>+I?4%H1-\*?LG% (>>/I+?0+/F5% #=\$7:L\*->-F0

(I?D-BG\\/J\\K1G>+I?4\\H1-\*?LG\\[DAI?0+/F5\\(B-\*+I?F\\K1G>+I?4\\H1-\*?LG\\(>>/I+?0+/F5\\)
#=\$9:L\*->-F0

#### 120G/>2 \*>9/G/9/2A

#### 120G/>2!96!9I2!406:2AA/6?

2 - B3 - 5% [ DAI?0+/F\\R/B B+00--5\\ (4?3?B?\\K1G>+I?4\\H1-\\*?LG\\ (>>/I+?0+/F5 (AMA>0\\#=\#;:L\\*->-F0

 $KH\$V-L^*->-F0?0+,-\$?0\$6?*M-5\$ (4?3?B?\$R1?L0-\$\%/J\$01-\$ (KH(C\$G)) + (AMA>0\$\#=\#=: (AMA>0\$\#=\#;$ 

R1?+\*5\(\mathbb{E}\)G4?Z>\(\mathbb{R}\)B+00--5\(\mathbb{A}\)(4?3?B?\(\mathbb{K}\)1G>+I?4\(\mathbb{H}\)1-\*?\(\mathbb{L}\)5\(\mathbb{M}\)(>>/\(\mathbb{I}\)+?\(\mathbb{P}\)5\(\mathbb{M}\)
#=\$":\(\mathbb{L}^\*\)--F0

( . KH\ 2 / , -B -F0\\ 'G>0-B\\H?>]\\P/\*I-\\P/IA>\\Q\*/AL5\\R ' 25\\ P-3\*A?\*G\\\$; 5\\#=#=

 $\begin{array}{l} K^*->+D-F05\% \ 2\ /\ 3+4-\% \ (\ ^*-?\%K1G>+I\ ?4\%H1-^*?LG\%U^*M?F+d?0+/F5\%\% \\ \#=\$":\#=\#\$ \end{array}$ 

(4?3?B?%(D,/I?IG%6+?+>/F5%(KH(%(I?D-BG%/J%.-A\*/4/M+I%K1G>+I?4%H1-\*?LG%%#=\$8:#=\$<

## 120G/>2!96!9I2!#?/G20A/9P0"6--2=2052@.09H2?9

&F+,-\*>+0G

(4?3?B?\\T-?D\\YFgA\\*G\\P/AFD?\\+/F\\E\\*+M1\\\YD-?>\\R?BL KH\\R//\\*D\+F?\\/\\*\#=\\$9:L\\*->-F\\

&F+,-\*>+0G\/J\%'/A01\(4?3?B?\\YVE\\R/BB+00--\&2-B3-\\*#=#=:#=#75\\#=#;:L\\*->-F0

&F+, -\*>+0G\%/J\%' /A01\% ( 4?3?B ?\%Q\*?DA?0-\%R/AFI+45\% 2 -B3-\* #=#\$:L\*->-F0

V-,+-Z-\*5%&F+,-\*>+0G%/J%'/A01%(4?3?B?%R/FJ-\*-FI-%/F%H-?I1+FM%?FD%6-?\*F+FM5%'L\*+FM%#=#;

'+BA4?0+/F%)+\*-I0/\*%'-?\*I1%R/BB+00--#=#\$

&F+, -\*>+0G\\(6+3\)\*?\*G\\(R/BB+00--5\)\(2-B3-\)\* #=\$9:L\)\*->-F0

 $\begin{array}{l} 2 - F0/*5\% \ . \ - Z\%P?IA4-\mbox{tb} \ B \ T \ j \ / \ T \ 1\_01\ T \ f - B \ 4S \ \mbox{tb} \ + 10\%01-1\ T \ f \ / \\ P-3*A?*G\%\$;5\%\#=\#=\\ T*16 >>\#:+FM5\% \\ 'L*+FM\%\#=\#; \end{array}$ 

R/44-M-% (D,+>/\*G%H?>]%P/\*I-5%./,-B3-\*%#=#\$:#=#7

R/44-M-%)+,-\*>+0G% [NA+0G%?FD%YFI4A>+/F%R/BB+00--5%2-B3-\*%#=#=:#=#\$

RU 2 :RU ( TK\\YF0-\*D+>I+L4+F?\*G\\K\*/J->>+/F?4+>B [ ,-F0>5\\J?IA40G\\ #=\$":#=\$<

 $\label{eq:K1G>+I+?F%(} K1G>+I+?F\%(>>+>0?F0\%P?IA40G\%'-?*I1\%R/BB+00--\\ \#=\#\$$ 

R4+F+I?4% [DAI?0+/F%R/BB+00--#=\$<

## ) -L?\*0B-F0

(DB+>>+/F>\\R/BB+\00--5\\#=\\$8:L\*->-F0 R1?+\*5 #=\#7:L\*->-F0 [(K\\R//\*D+F?0/\*5\\#=\#7:L\*->-F0

RA\*\*+IA4AB\|R/BB+00--5\|#=\$8:L\*->-F0 R1?+\*5\|#=\$9:L\*->-F0

) -L?\*0B-F0% 11-DA4-%R//\*D+F?0/\*5%#=\$":L\*->-F0

KH\P?IA40G\'\'\'\-?\*I1\\R/BB+00--5\\#=\$9:#=#; R1?+\\#=\$<5\\#=#7?\\0B-F0  $K*/:E/F/\%H1-*?LG\%'-*,+I->_c+I0/*G\%T-?401\%K?*0F-*>5\%\&'(\%)KH\%P?IA40G\%R4+F+I5\% \\ \#=\$":\#=\#;$ 

T/B-4->> R/FF-I05% #= \$8: #= \$<5% #= #\$: #= ##

'0AD-F0%VAF%P\*--%R4+F+I5%P?IA40G%6+?+>/F #=\$9:#=#=

 $\begin{array}{l} H*?F>+0+/F>5\% \left[ NA+F-\% \left( >>+>0-D\% \left( 10+,+0+->\% ?FD\% H1-*?L+-> K*->+D-F0\%/J\% 01-\%E/?*D\% 2 ?*I1\% \#=\$":\#=\$9 \right. \\ \left( D,+>/*G\% E/?*D\% 2 -B3-*5\% 2 ?*I1\% \#=\$9:\#=\#= \end{array}$