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

,-./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.

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

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%; << \%FD-*M*?DA?0-\%T/F/*>\%H1->+>5\%#=\$9

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

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

- $\begin{array}{l} \textbf{1..-2!} \text{, 5} \\ \textbf{R} / 24 \text{HCMNPAFI0+/F?4} \text{.} & -\text{A*/4/M+IM} \text{)} +>/*\text{D-*hMM} \text{[} \\ \textbf{?B+F?0+/F5M} \text{[} \\ \text{, ?4A?0+/F5M?FDM} \text{YF0-*, -F0+/FM'0*?0-M+->CMM\&F+, -*>+0GM/JM'/A01M(4?3?B?M))} -L?*0B-F0M/JMK1G>+I?4MH1-*?LG5M 2 / 3+4-5M(6CM(AMA>0)+#<5M#=#; \\ \end{array}$
- 1..-2!, CMK1G>+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\#=#;\\
- $\begin{array}{l} \textbf{1..-2!} \text{ , 5\% a } 1 + 0 \%65\% \text{ (}FD^* Z > \%HC\%\% \text{ '}L + F?4\%R / *D\%YFgA*G: YF0 * , -F0 + /F > \%0 / \%YBL*/ , -\%2 / 3 + 4 + 0G\%YFJ + *B?*G\%T ?4015\% 2 / 3 + 4 5\% \text{ (}65\%\text{ '} L0 B3 *\%\$; 5\% \\ \end{array}$

- (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!} \ , \ (\%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-*?LG\\ 2 / 3+4-5\\ (65\\ (AMA>0\\ #75\\ #=8

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

- 1..-2!, 0 H1-%V/4-%/J%[\-*I+>-%J/*%YFD+,+DA?4>%Z+01%2 A40+L4-%'I4-*/>+>C%%H1-%. ?0+/F?4%2''/I+-0G%R/FJ-*-FI-%+F%UI-?F%'L*+FM>5%2''5%0?FA?*G\#!5\#=\$<
- 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 C% H1-%E*+M10%YD-?>%HEY%R?BLb%P/>0-*+FM%+FF/, ?0+/F%+F%+F0-*L*/J->>+/F?4%-DAI?0+/F%?FD% I/44?3/*?0+, -%L*?I0+I-%J/*%0*?AB ?0+I%3*?+F%+FgA*G%3G%>0AD-F0>%+F%*-1?3+4+0?0+/F%L*/J->>+/F>C% T(B7:%-5-)*(8#-%A(Z07(5-%33[

- $\begin{array}{l} a \ 1+0-\%65\%)\ ?Z>/F\%.\ 5\%1...-2!\ ,5\%6-B4-G\%HC\ K1G>+I?4\%H1-*?L+>0>^\%?FD\%K1G>+I?4\%H1-*?L+>0 \\ `0AD-F0>^\%\left[\ L-^*+-FI->\ ?FD\%c+-Z>\%/F\%01-\%K^*/\ ,+>+/F\%/J\%K1G>+I?4\%H1-*?LG\%`-^*,+I->\%0/\%K-/L4-\%Z+01\%)\ -B-F0+(\\ \\ \\ \\ '1/L+FM\\ V-\ ,+-ZC\ T(S\%-0\#:-(12'3(42\%-A\ \#=\#\ \#\ \&\ \%\ X)\%\%\% \\ \end{array} \right] .$
- $\begin{array}{l} \text{K+00>\%) T5\%} \\ \textbf{1..-2!, 45\%} \\ \textbf{P} \\ -44\%) \\ a \\ 5\% \\ \textbf{C}\% \\ \textbf{A} \\ \textbf{W} \\ \textbf{C}\% \\ \textbf{A} \\ \textbf{B} \\ \textbf{L} \\ -FD \\ \textbf{A} \\ \textbf{B} \\ \textbf{F} \\ \textbf{(DA40\% . -A*/BA>IA4?*\%) +?MF/>->C\\\YFh \\ \textbf{P} \\ \textbf{A} \\$
- $^4AD+FM\%KK5\%1...-2!, 4\%\%YF0-*, -F0+/F\%J/*\%6+B+0-D\%K?>>+, -\%V?FM-\%/J\%2/0+/FC\%\%R1?L0-*\%#70\% YFM\P-44\%) a 5\%6AFF-F\% i 5\%V?A]\%VK0\%6+J->L?F\%. -A*/*-1?3+4+0?0+/F\\%(\%K?0+-F0:R-F0-*-D\%K?>+) -A*/*-1?3+4+0?0+/F\\%(\%K?0+-F0:R-F0-*-D\%K?+0.) A 5\%6AFF-F\%(-1.5\%) A 5\%6A$

 $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:#=#=

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