$+, - \, . \, /\, \% N0 -, 1 + 2 \% D, 2 \, !\, 3 - \, .\, \% T4, 5\, 3 + 0\, 6$

N8S PMNNM'@NO%AC\$%4\$NT'@9\$@A%N8S PMAN%AC"A%C\$%\\$MAC\$=%9MNT8A\$N%'=%MN%@'A%M@%"%T'NMAM'@%A'%
"((M=P%'=%9\$@K%"::%'=%N'P\$%'(%AC\$%i %("BAN%"998B\$9%SK%AC\$%OTT:MB"@A]F%%

UXF % L 'NAM(8@9" P \$@A"::KOMAC\$%OTT:MB"@AMN8S P MANMAC"AMC\$%; "N%\AC\$%EMBAM P %'(%"% P ":MBM ' 8N% "BAWB=MAMB":%M@BM9\$@AM@% + 9Z" P \$@"0%DC"9%; CM:NA%; '=>M@#%('=%3 +,D.?]%M@% L "=BC%UXXYF% - C\$% 4 \$NT '@9\$@A%9' \$N%@' A%"#=\$\$%A' %ACMN%T' M@AO%S8AM@NA\$"9%M@9MB"A\$N%AC"AMACMN%\"TT\$"=N]%A' %S\$%AC\$% B"N\$F% - C\$%OTT:MB"@A%=\$NT'@9N%AC"A%AC\$%4 \$NT'@9\$@A%NC'8:9%S\$%M@%T'NN\$NNM'@%'(%AC\$%=\$:\$E"@A% M@BM9\$@AN%=\$T'=AN%A'%"((M=P%ACMNO%"@9%AC"A%N8BC%=\$T'=AN%":N'%"TT\$"=%A'%C"E\$%S\$\$@%=\$EM\$;\$9% \$K%AC\$%O5DP%%

U&F - C\$% - =M\$8@":% (M@9N%AC"A%"N%B'=='\$'="A\$9%\$K%E"=M'8N%P\$9MB":%=\$T'=AN%M@%\$EM9\$@B\$%
[N\$\$%P'=\$%\$\$:'; ^0%AC\$%OTT:MB"@A%C"N%M@9\$\$9%T='T\$=:K%\$NA"S:MNC\$9%AC"A%C\$%; "N%\AC\$%EMBAMP%
'(%"%P":MBM'8N%"BAWB=MAMB":%M@BM9\$@A%M@%+9Z"P\$@"0%DC"9%; CM:NA%; '=>M@#%('=%3+,D.?]%M@%
L"=BC%UXXYF%,A%MN%(8=AC\$=%@'A\$9%ACMN%C"N%\$\$\$@%AC\$%("BA8":%\$"NMN%('=%AC\$%T"=AM\$NV%B'@A\$@AM'@N0%M@B:89M@#%AC'N\$%'(%AC\$%4\$NT'@9\$@A0%8@AM:%AC\$%Z'M@A%NA"A\$P\$@A%'(%*%78@\$%UXUXF%4\$NT'@9\$@AVN%



B'@B8NNM'@]%"(A\$=%("::M@#%M@%CMN%S"AC=''P%"N%C\$%; "N%\'E\$=; C\$:P\$9%; MAC%9MNA=\$NN%
"@9%"@ M\$AK%"@9%:'NA%B'@NBM'8N@\$NN]F%

UYF - C\$% TNKBC': '#MNAVN% N\$B'@9% =\$T'=A%'@% (M:\$% MN%'(% UY% + 'E\$P\$\$=% UX&e%"@9% MN%":N'%"99=\$NN\$9%A'% L 2 / F%, @%ACMN%=\$T'=A0%AC\$%TNKBC': '#MNAO%M@%\$NN\$@B\$0%N\$AN%'8A%"%9\$A"M:\$9%"BB'8@A%'(% AC\$% OTT:MB"@AVN% \$_T\$=M\$@B\$N% M@% DC"9%"@9% 2 'P":M"0% CMN% 9M"#@'NMN%'(% AC\$% OTT:MB"@AVN% N8((\$=M@#% (='P%!-2 / %"@9% AC\$% =\$"N'@% AC\$=\$('=0%"@9%"% A=\$"AP\$@A% T:"@F% OP'@#% CMN%'\$N\$=E"AM'@N%; \$=\$%AC"AR%%

BF - C\$% OTT:MB"@A%; "N% \g'h

@'; %S'AC%AN\$9%A'%\$"BC%'AC\$=0%C\$%B'8:9%@'A%8@9\$=NA"@9%'=%"TT=\$BM"A\$%CNN\M@"SM:MAK%A'% (8@BAM'@%"@9%C"@9:\$%AC\$%NA=\$NN(8:%9\$P"@9N%'(%CMN%'@B\$%"BAME\$%B"=\$\$=]a%

*+\$d!))O\$)d3.d#+\$d/()\$d

\$EM9\$@B\$0%; CMBC%AC\$%OTT:MB''@A%T=\$N\$@A\$9%A'%AC\$%5'''=9]%''@9%; CMBC%; ''==''@A%''%; ''ME\$=%'(%AC\$%OTT)

"@9%":N'%\$_"PM@\$%; C\$AC\$=%AC\$%9\$BMNM'@%MN%"SN8=9%'=%T\$=E\$=N\$]F%-C\$%OTT\$":N%-=MS8@":0%C';\$E\$=0%8@9\$=:M@\$9%AC"A%\MA%MN%@'A%AC\$%=':\$%'(%AC\$%



- C\$%T"=AM\$NV%N8SPMNNM'@N%%%

c`F - C\$\(\frac{4}{N}\)T'\(\text{0}9\(\text{0}A\)YN\(\N8SP\)NN\(\N\)'\(\text{0}N\)P''\(\K\)S\(\N8PP''=\)\(\Q\)\$9\(\N\)(\'::';\)N\(\Text{N}\)

"F + '% S"NMN% \$_MNAN% ('=% AC\$% / MNT8A\$% -=MS8@":% \A'% "; "=9% B'PT\$@N"AM'@% \$b8ME":\$@A%A'%; C"A%AC\$%OTT:MB"@A%; '8:9%C"E\$%S\$\$@%T"M9%C"9%AC\$%O5DD%B'@NM9\$=\$9% CMN% B:"MP% "@9% ('8@9% MA% N8SNA"@AM"A\$9]F% - C\$%:"AA\$=%; '8:9% \=\$b8M=\$% AC\$% / MNT8A\$% -=MS8@":VN%'; @%"NN\$NNP\$@A%'(%AC\$%OTT:MB"@AVN%B:"MPO%M@B:89M@#%P\$9MB":%(M@9M@#NO% ('=%; CMBC%MA%MN%@'A%\$b8MTT\$9]F% - C\$%OTT:MB"@AVN%\=\$:M"@B\$%'@%:\$1D+(EE(60%; CMBC% 9\$":A%; MAC%B'PT:\$A\$:K%9M((\$=\$@A%("BA8":%"@9%:\$#":MNN8\$NOM@E':EM@#%AC\$M@E\$NAM#"AM'@%'(%"::\$#\$9%NA"((%PMNB'@98BAOMN%PMNT:"B\$9]a%

 $\label{eq:makencondition} $$ \AC '8:9 \B'' \AC '8 \B'' \B'' \B'' \B'' \B'' \B'' \B''' \B'' \B''' \B'$

4\$P"@9\('=\AC\$\\05DD\VN\=\$B'@\M9\$="AM'@\

e&F - C\$\(- = \mathbb{N} \) \(\ext{8} \) '\(\astropea \) \(\astropea \) \(

D'PT\$@N"AM'@%

- e)F C\$\(=\mathbb{N} \) 8\(\text{N} \) 6 \(\text{A} \) 8\(\text{N} \) 8\(\text{A} \) 8
- - i % ,AM MN% 8@ME\$=N"::K% "BB\$TA\$9% AC"A% B'PT\$@N"AN'@% ('=% C"=P% NC"::% S\$% N8TT'=A\$9% SK% AC=\$\$% \$:\$P\$@ANR% AC\$% C"=P% MAN\$:(a% "@% M::\$#":MAKA% "@9% "% @\$_8N% S\$A; \$\$@% S'ACF% ,A% MN% @'A% \$@'8#C% A'% 9\$P'@NA="A\$% "@% M::\$#":MAK% A'% 'SA"M@% B'PT\$@N"AM'@a% AC\$% B:"MP"@A% S\$"=N% AC\$% S8=9\$@% '(% T=''(% A'% \$NA"S:MNC% AC\$% \$_MNA\$@B\$% '(% @\$#"AME\$% B'@N\$b8\$@B\$NO% "S:\$% A'% S\$% B'@NM9\$=\$9% 9"P"#\$NO% =\$N8:AN@#%(='P%AC\$%%:\$#":MAK%'@%"%B"8N\$G\$((\$BA%:M\$@F&&%),(%'@\$%'(%AC\$N\$%AC=\$\$% \$:\$P\$@AN%MN%@'A%\$NA"S:MNC\$90%B'PT\$@N"AN'@%B"@@'A%\$\$%";"=9\$9F%18=%B"N\$%:";% =\$b8M=\$N%AC"A%AC\$%C"=P%\$\$%NC';@%A'%\$\$%9M=\$BA:K%B"8N\$9%\$K%AC\$%"9PM@MNA="AME\$% 9\$BMNM'@%M@%b8\$NAM'@%

eYF -">M@#%M@A'%"BB'8@A0%AC\$%N\$E\$=MAK%'(%AC\$%OTT:MB"@AVN%N8((\$=M@#%"N%9\$NB=M\$\$9%M@%AC\$%TNKBC':'#MNAVN%P\$9MB":%B\$=AM(MB"A\$%"@9%AC"A%AC\$N\$%N8((\$=M@#N%;\$=\$%SK%@'%P\$"@N%N\$:(GM@(:MBA\$90%AC\$%-=M\$8@":%(M@9N%AC\$%B'PT\$@N"AM'@%";"=9%('=%@'@GT\$B8@M"=K%9"P"#\$N%['=%P'=":%9"P"#\$N^%NC'8:9%\$\$%N\$A%"BB'=9M@#%A'%AC\$%CM#C\$NA%:\$E\$:N%[N\$\$0%('=%M@NA"@B\$0%8(113"%UX&dG3+O-Gd*U^P%

4\$(\$=\$@B\$\\\A'\\\AC\$\\2\$B=\$\\A''=KGH\$@\$=":\\('=\\''BB'\8@\\'S\\:\\AK\\\

 $dXF - C\$\%0TT: \texttt{NB"@A\%"}: \texttt{N'\%=\$b8\$NAN\%AC"} \\ 2(\texttt{N}) - 0.2(\texttt{C\$}) \\ 0.224(\$) - 2290. \\ BT.2(\texttt{A}) \\ 0.224(\$) - 0.204(\$) \\ 0.224$

SF - C\$% OTT:MB"@A% MN% A'% S\$%"; "=9\$9% AC=\$\$% P'@ACN%'(% @\$AGS"N\$% N":"=K% M@%