

! ! " #%%&' ()\*+\$" , , -\*(. \$  
! " #%%&' ()\*+' , #' \$(\*-. )\*-/. /\*  
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O112, &' , 324\*5' 3\*\*6278#\$9" ): '#\$2, \*; #&' <)\*+', =, ' \*>\$' 8%)\*?28233' \*@AAB2()\*@' C=&\*D' \$%''' BB\*  
D' \$%''' BB)\*E' \$' \*\*F AABG)\*E' \$' \*\*HBB2)\*! =I \*O8&#BB')\*J' 1''' B\*?AA, 2(KJ2%L2&' %)\*M' \$8' \$' \*@A#\$B2()\*  
OB2N\*M\$A7, )\*6=3<\*@\$27)\*E28' %1=' , \*?A, &2\$A%KDA\$9' , )+A%"#'\*O8' <=)\*D' \$3A\*>' \$AG' BA)\*E' \$' \*\*  
: ' 0#\$2)\*@' , =2B\*P2\$2%123=)\*D(\$= I \*5' =&=)\*A2B\*Q2&, 2' #B1)\*RI -B\*M\$=A, 2%)\*SC' , \*62-B%A, )+A%2\*  
@= 0)\*D=1\$' , \*D2"1' )>BA\$= ' ! A)\*D(\$= I \*@2%A=2\$%)\*! AI \*T' 8=' , I/\*



! A, =9"1\*1"2(\*\$2\*8\$=, 9=, 9\*' \*BA3' B%1#&2, 1\*8' , &\*1A\*>2\$1%\*1A\*1"2\*! "#\$%&' (%\*OB=C2\*, =9"1J6A, 2\*  
AG\*1"2\*L\$A322&%\*7-BB\*9A\*1A\*JP^!)\*)8#1\*=1\*7-BB\*\$'-%2\*\* 7' \$2, 2%\*\* %\*=1\*82=, 9\*' \*9\$A#L\*82, 2G=3=' B\*1A\*  
%1#&2, 1%J! "2\$2\* \$2\*17A%1\$' 129=2%)\*)1"2\$2\* \$2\* B%A\*=, %1=1#1=A, ' B\*LB' , %\*a\*

> 'BB2\$(4\$R\$=,\*; 'B24@A'(A#\*\*\*'C21"2\*, 'I 2\$AG1"2\*I =, =, 9\$3AI L', (\*1\*\*\*1\$EED ^\*\$%1=BB\*, C2%1%\*=, C\*\*  
WQ\*=@='04\$1%\*3'BB2&\*^\$\*, #=I \*. J\*\*

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WQ\*M\$A7, 4\*QB2'\*%2\*\$2I 2I 82\$\*1\*=%\*I AI 2, 1\*=G\*(A#\*1=, <\*\$&A, d1\*BAC2\*(A#\*a\*SdI \*\*2\$2\*A, \*I (\* 8=\$1\* & (USG\*(A#\*I =-%2&\*F 22<\*. /.) \*(A#\*I =-%2&\*A#1US1\*7' %\*9\$2' 1\*GA\$\*>2\$1%)\*, &\*7' %\*82112\$\*GA\$\* 1"2\*2, C=\$A, I 2, 1\*, &\*A#\$\*G=, ' , 32%1\*' , \*E, A7\*OQUSdBB\*I ' <2\* G=, ' B\*\$2LA\$1\*A, \*=1U F 2\*\*\* &\* \* %I ' BB2\$\*2C2, 1\*GA\$\*+' , #' \$(G=\$1K(2' \$\*\*&I =1%)\*, A8A&(\*\$2' BB(\* 3<, A7B2&92%\*1\*21 U! "2\$2=%\*, A1\* ' BA1\*9A=, 9\*A, \*GA\$\*1\*2I U F 21\*"27\*1\*I =, =K%A3=' B\*2C2, 1\*GA\$\*1\*2I U F 2\*LB' , &2\* \*gD221\*, &\* R' 1h\*2C2, 1U S\*%"A 72&\*1\*2I \* \$A#, &1\*2\*8#=B&=, 9)\*1\*2(\*72\$2\*2N3=12&)\*, &\*72\*\*\* &L=00' US1\*7' %\* ' \*%#\$L\$=%, 9B(\*9\$2' 1\*3\$A7 &\*GA\$\* \*DA, & (UDAC=2=%, 1\*2\*M' BB\$AAI \*\*\* LL2, 2&\*A, \*DA, & (%\* ' , &\*! #2%& (U\*DA, & (%\* \$21\*2\*7A\$\*1\*& (%\*1A\*\*\* C2\*2C2, 1%) \*A\*L2ALB2\*&A, d1%"A7#LUQ2ALB2\* 1#\$, 2&\*#L\*A, \*! #2%& (\*1\*A#9"UF 2\*\*\* &\*G\$22\*LAL)\*LAL3A\$, \*\* , &3"=L%U! "=%\*2C2, 1\*3A1\*\e/1A\* EED^U\*7A#B&B=<2\*1A\*&A1\*\*\*1\*9'=, US1\* =, <=1\*3AAB\*823' #\*2\*9A=, 9\*1A1\*2I AC=2=%\*%9\$2' 1\*8#1\* 2NL2, %C2U! "2\*E#%1'=, ' 8B2\*Q\$AV231\*T#, &\*JAI I #, =1(\*TA\$#I \*%\*LL2, =, 9\*A, \*+ , #' \$(\*-b1)\* BA3' B\*GAA&)\*822\$)\*, &\*I #%-3\*7=BD\*821\*2\$2)+=I \*6=32BB\*%\*3AI =, 9)\*1 , &\*1d%\* \*9\$2' 1\*, 217A\$=<, 9\* ALLA\$1#, =1(\*1A1\* B<\* 8A#1\*L\$AV231%\*YA#\*9#(%%"A#B&\*L2, 3=B1\*\*\*1=, UOB%A)\*GA\*D'D\$3\*\*-`1\*a\* &A, d1\*I ' <2\*LB' , %1\*\*\*1\*, =9"1U S\*3' , d1\*12BB\*(A#\*7" (\* (21U SdI \*&A=, 9\*%AI 21"=, 9\*1\*\*\*1\*, A\*WQ\* S, 12\$, ' B\*\*\*%\*A, 2\*=, \*1\*2\*B' %1\*[(\*2' \$%U! "2,)S\*\*\* C2\*822, \*GB=LL=, 9\*1\*\$A#9\*\*AB&\*=%#2%\*AG1\*2\* ! \$=8#, 2)\*, &\*72#\*%2&\*1A\*&A\*LBB=, 9\*8A#1\*1#&2, 1\*AL=, =A, US1\*\*2BL%#\*1A\*9=C2#%\*G22&8' 3<US\* L2\$%A, ' BB(\*L\$2G2\$\*L2\$%A, ' B\*3A, 1' 31)%A\*SdI \*%1\* \$1=, 9\*1A\*L#1\*1A921\*2\$\*\*B=11B2\*LABB)\*, &\*72\* %1\*1\$12&\*1\* =, =K%#\$C2(\*, \*1\*2\*1%#&2, 1\*BA#, 92U! 2BB\*I 2\*7\*\*\*1\*(A#\*1=, <\*LB2' %2UO%\*GA\$\*1\*2\* JAI I =1122\*A, \*OB3A"AB\*QAB=3(\*a\*SdI \*%1=BB1\*B=<, 9\*8A#1\*T\$A%\*U! "2\$2\*72\$2\*\*8#, 3\*\*AG&\*GG2\$2, 1\* \$2LA\$1%U! "2\$2\*\*\$2\*\$2L\$2%2, 1' 1=C2%\*G\$AI \*2C2\$(A, 2\*\*1\*D3>=BB\*7"A\*&2\*B%\*7=1\*\*\* B3A"ABU F 2\* '&C=%2\*A, \*OB3A"AB\*QAB=3=2%\*1\*D3>=BBU! "2\$2\*=%\*BA1\*AG\*2N3=1, 9\*1=, 9%\*\*\* LL2, =, 9\*A, \*1\*2\* 3AI I =1122U QA%1KJ '\$, =C' B%)\*1\*2\$2\*72\$2\*1' , (\*3AI LB'=, 1%\*2%L23=' BB(\* 8A#1\*E3=2, 32U6A8A&(\* \*\*\*%1\* &2\*, (\*8=9\*I AC2%\*(21)\*8#1\*L2ALB2\*72\$2\*\*B=11B2\*3A, 32\$, 2&U; 2' B1\*\*E2\*C=32%\*=%\*7A\$=<, 9\* A, \*1\*2\*B1\*\*\*7'\$2, 2%\*L\$AV231U! "2\$2\*7=BB\*82\*L" A1A\*8AA1%"A, \*3' I L#%\*1\*\*\*1\*%<\*(A#\* Z#2%1=A, %\*\* , &(A#\*3', \*1\* <2\*L=31#%\$2%\*GA\$\*G\$22U: AA<\*A#1\*GA\$\*=1)=1\*7=BB\*82\*A, \*3' I L#%\*UOB%A)\*1\*2\* #, =C2\$%\*1(\*3AI I =%\*A, \*A, \*1\*B3A"AB\*A, \*3' I L#%\*1\* &2\*, \*2C'B#\*1=A, \*1\*8A#1\*BB\* B3A"ABK\$2B' 12&\* ' 31=C=1=2%\*S\*\*\* C2, d1%22, \*1=(21U F 2\*\*2\$1\$(=, 9\*1A\*\$232=C2\*=1U F 2%12\$, \*\*\*%\*1\* =, 9\*3' BB2\*&g3"23< (A#\*\$&=, <=, 9hU! "2(B=<2\*1A1\* ' <2\*L2ALB2#, &2\$1\*, &7\*\*\*1\*2(\* \$2\*&A=, 9)\*1 , &\*, A1\*L\$2' 3\*U S1\*3' B3#B' 12%\*\*A7\*I #3\*\*1 A, 2(\* (A#\*1\*2%\*L2, &=, 9\*7=1\*\*&=, <=, 9)\*1 , &\* B%\*A1\*2\*3' BA\$=2K=, 1' <2U S1\*7' %\*8A#9\*1#L\*%\*AI 21"=, 9\*3AAB)\*8#1\*2NL\$2%\*2&\*3A, 32\$, %\*7=1\*\*1\*2\*3' BA\$=2\*&2\*)%\*, 32\* 72\*\*\$2\*\*B\$2' &(\*&2\*B=, 9\*7=1\*\*2' 1=, 9\*&=%A\$&2\$%\*1\*D3>=BBU! "2,) )1\*2\*B' %\*1\* =, 9\* =, \*I (\*\$2LA\$1\*=%\* 1\*2\*>Oa\* %<\*A7\*(A#\*3', \*921=, CABC2&U\*

P2\$2%123=4\*S%\*1" 2\*8#%\*1\$=L\*1A\* \_#22, %\*\*\* LL2, =, 9C\*\*

WQ\*M\$A7 , 4\*: '%1\*(2' \$\*=1\*\*\*' LL2, 2&=, \*H31A82\$! "2\*A, B(\*' 7' (\*9' I 2'\* 1\_\*#22, %\*1=%(2' \$\*7' %\* A, \*; 'BBA722, \*\*, &`\*TBAAS%\$!S\*\*\*' C2, d1\*GA#, &\*\* , A1"2\$\*9' I 2\*(21! "2(\*\$2, d1\*LB' (=, 9\* \_#22, %\* ' , (I A\$2U\$1d%\*\* I ' 112\$\*AG\*G=, &=, 9\*\*9' I 21\*\*\*1\*72'3' , \*9A\*1AU\*D (\*A1"2\*\$%AB#1=A, %\*7A#B&\*82\*1A\*\* 2=1"2\$\*9A\*1A\*\*9' I 21\*\*\*1\*=%\*, A1\*\*1\_\*#22, %\*A\$\*9A=, 9\*1A\*\*9' I 21\*\*\*1\*=%\*, A1\*\*1A3<2(U\*\* D2"1"4\*H, !#2%&' (%)\*E2, '12\*=%\*\*\*' C=, 9\*\*%L23='B\*I AC=2\*, =9"1U\*D' (82\*(A#\*3A#B&\*L=3<\*' , A1"2\*\$\*&' (\*1\*\*\*, \*!#2%&' (\*GA\$\*1"2\*, 2N1\*2C2, 1%c\*\*

WQ MSA / , 4 12/00

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D2"1' 4\*F 2">%2, 1\*' \*B=%1%2\$C2)\*72%2B2312&\*Z#' B=G=2&\*3' , &=&' 12%\*1A\*=, 12\$C=27)\*' , &\*1"2\*L\$2%=&2, 1)\*  
S\*' , &\*1"2\*A1"2\$%2, ' 1A\$\*BAA<2&\*' 1\*' LLB=3' 1=A, %J\*\*

WQ\*@AAB2(4; ' C2\*\*BAA<\*' 1\*D39-BB|3' K%2, ' 12kB' 7\*1A\*921\*' BAA<\*' 11"2\*L\$A%L231=C2\*, 27\*  
3' B2, &' \$J; AL2G#BB(), 2N1\*(2' \$\*72\*7-BB\*\*' C2\*\*82112\$)\*I A\$2\*=, 12\$' 31=C2\*3A#\$%2\*3' B2, &' \$J\*\*  
Q2&, 2' #B14\*F " (\*&A2%, d1\*EED ^\*' %%=%1\*=, \*1"2\*8(K2B231=A, \*AC\*1"2\*, 27\*2, ' 1A\$%c\*\*  
WQ\*@AAB2(4\*F 2

WQ^HBB24^F 2^&A#8B2K3A#, 12&1^1 2^, #I 82\$%J\\$\*' \*1^2^JRH^G\$AI \*RB231=A, %\*D3>=B^1^2\$2U^YA#\*  
' \$2^72B3AI 2^1A%22^1^2^8' BBA1%\*1A\*C2\$=G(\*I (^3A#, 10^\*

N\$E3, : \*4, (-JSR=1 (\$U, \*+: & (\$00000000000000000000000000000000\$

Q\$2%=&2, 1^\*62=B%A, 4\*D#3\*\*1\*\*1\\$\*\*\* C2\*\*\* %\*822, \*1A#3\*\*2&\*A, \*8(\*A1\*\*2\$\*2N23#1=C2%J\\$\*7', 1^\*1A\*  
1A#3\*\*A, \*1^\*2@' (3' \$2\*a^GA\$\*1^\*2\*\* 9\$22I 2, 1^\*7=1\*\*1^\*2^\*Q>EE)\*72\*\*\* C2, d1\*\$232-C2&\*, (1^\*=, 9^\*8' 3<  
(21)^\*1^\*2^\*Q>EE\*\$2L%\*=&1\*\*1^\*2^\*3\*\*\*, 92&%AI 2\*B', 9#(92)\*8#1\*A1\*\*2\$7=%2\*1\*\*1%\*A#B&\*82\*A<' (J  
0%\*1A\*\*1^\*2^\*O, 3=BB' \$(G22%\*a\*1^\*2\*\*1A1^\*B\*\* I A#, 1^\*AG\*1^\*2%2^\*7A, d1^=, 3\$2^\*2%\*I A\$2\*1\*\*', \*\\$. [\*=, \*\*\*(2^\*J\$  
JA, 1\$ABB=, 9^\*GA\$\*=, GB' 1=A, )\*1\*\*1^\*=%\*, A1\*\*1\*\*1^\*8' &J0%\*1A1\*\*2^\*E%#1'=, '8-B=1(\*L\$AV231\*a^S\*\*\* C2\*\*\* &\*\*  
3AA\$&=, '1A\$\*\*7A\$<=, 9^\*=, \*1^\*2^\*3^\*G212\$=\*\*A, \*\$23(3B=, 9^\*, &\$23(3B=, 9^\*LAB(%1(\$2, 2U! \$2\$2-%\*\*  
L\$A32%\*1A\$\*23(3B2=1^\*, &1^\*=%\*1#\$, 2&\*=, 1A^\*LB' %1=3^\*G#\$, =1#\*2U0%\*GA\$\*1^\*2^\*>2, 2\$' 1=A, \*Q' 31'  
L\$AV231%\*S\*\* I \*%1-BB\*7'=1=, 9^\*GA\$\*1^\*2%\*23A, &KL ''%2\*L\$AV231%\*F 2^\* \$2^\*BAAC<=, 9^\*=, 1A\*3\$2' 1=C2\*  
'33A#, 1=, 9^\*A1\*\*1^\*72^\*3', \*L' (\*L2ALB2\*\* B1^\*A#9\*\*72\*\*\* C2, d1\*\$232=C2&\*I A, 2(JOB%A)\*%AI 2^\*G22%\*  
'\$2^\*2NL\$=, 9^\*1^\*=%\*2I 2%12U! "2^\* \$=8#, 2^\*7=BB\*82^\*2\$ 2, 27=, 9^\*1^\*2=\$G22\*\* , &9A=, 9^\*=, &2L2, &2, 1^\*  
'11^\*2%\* I 2^\*1=I 2U\$\*9A1\*\* L\$ALA%\*B^G\$AI \*1^\*2^\*QB' 12^\*JB#8^GA\$\*\* \*BA, 9K12\$I ^\*LB', )\*%\*AA, \*1^\*1^\*2(\*  
'' C2^\*2LB2, =%"2&\*1^\*2=\$9A#L^\*AG^\*CAB#, 122%)\*1^\*2(\*%\*A#B&\*82^\*#L^\*, &\*\$#, , , =, 9U^F 2^\*\*\* C2^\* B%\*A^\*  
I 21^\*7=1\*\*1^\*2^\*Q\$2%=&2, 1='B^OGG'=\$%\*3AI I =1122)\*\*', &\*72^\*1^\* \$12&\*&\*\$ G1=, 9^\*12\$I ^\*AG\$\*2G2\$2, 32)\*  
' , &\*BAA<2&\*=, 1A^\*^O^\*, &RN12\$, 'B^JAI I =1122U! "2, )\*1^\*2^\*F ^\*EJ%\*3^\*AB' \$%"=L^\*G22%=%#%2&\*1A^\*  
8\$=, 9^\*2G#922%\*1A^\*D3>BB\*1A^\*1#&(J! "2(^\* \$2\*\*\* C=, 9^\*1\$A#8B2^\*G=, &=, 9^\*2B=9=8B2^\*2G#922%)\*A1^\*2(\*  
'' C2^\*1^\*2=\$A7, ^=&2^\*%GA\$\*8^\$A^\*2, =, 9^\*1^\*2^\*12\$I ^\*AG\$\*2G2\$2, 32)^\*8#1^\*2(\*%\*AA^\* %<2^\*GA\$=&2^\*%  
G\$AI ^#%\*J0%\*GA\$\*1^\*2^\*, =C2%&1(\*J2, 1\$2^\*B2^\*2%)\*S\*\*\* C2^\*#8I =112&\*1^\*2^\*L\$ALA%\*B)=1^\*7=BB\*82^\*  
3-\$3#B' 12&\* I A, 9^\*2, =A\$\*\* &I =, =1\$' 1A\$%U! "2^\*3^\*2^#&B2^\*GA\$\*>O^\*=%\*A#1^\*a^\*72^\*B2^' &(\*9A1^\*A, \*1^\*2^\*  
G' 3#B1(B^\*1%2\$C2%)\*72^\* \$2^\* B\$2^' &(\*LA^\*12\$=, 9U^F 2^\*1^\*2=&2^\*%\* I #3^\*1^\* %\*LA%=&8B2^\*1A^\*1^\* \$1^\*2^\* \$B(^\*7=1^\*  
B^\*1%2\$C2%\*J\$\*3^\*2^#&B2^\* I 221=, 9^\*7=1^\*G' 3#B1(\*3A#, 3=B^\*UH, \*1^\*2^\*T28\$#'\* \$(^\*1^\* I 221=, 9)^\*7A#B&\*  
B=<2^\*1A^\*&=1\$=8#12^\* I A\$2^\*2%LA, %-8-B=1=2%U! "2^\*&12%\*A#B&\*82^\*T28\$#'\* \$(^. /1^\*1^\* 1^\*[le/U\$\*9A1^\*A^\*  
'%<^ I (^Z#2%1=A, ^\*1^\*E2, '12U! "2(^\*8^\*3^\*BB(\*&2^\*3\$=82&\*7^\*1^\*2^(\*&=JF 2^\*A, d1^\*\* C2^\*GA\$^\*I ^\*B^\*  
8A&(\*AC2%22=, 9^\*1^\*2^\*G22%\*72^\* \$2^\*L' (=, 9^\*O1^\*B21=3%U^T=, 'BB()^\*72^\* \$2^\*LB', , =, 9^\* %#332%\*A, ^\*  
7A\$<%\*AL^\*GA\$\*=, 12\$2^\*12&\*1#&2, 1%U^S1^\*3', \*82^\*8=9^\*23=%=A, ^\*, &\*\*2BL^\*L2ALB2^\*1A^\*112, &A\$^\*  
1A^\*#8I =1^\*LA=, 1%\*1A^\*1^\*2^\* 92, & J\*

Q2&, 2' #B14^F=1\*\*\$29' \$&%\*1A1"2^F ^EJ\*a1"2\$2\*\* \$2\*I ' , (\$\*2G#922\*A\$9' , =0' 1=A, %\*=, \*DA, 1\$2' B\*  
1\*\* 1\*I =9"1\*82\*\* 8B2\*1A\*9=C2\*=, GA\$I ' 1=A, C\*\*

Q\$2%=&2, 1\*62=B%A, 4! "2("V#%1\*7', 12&\*1A\*BAA%2, \*1"2\*12\$1 %AG\*\$2G2\$2, 32U\$1=%\*3A, &=1=A, 'B\*A, \*  
1"2I \*82=, 9\* 332L12&\*1A\*D3>=BBU\*

F AABG4\*S1"=, <1"2>O%LA12\$%" \$2\*9\$2' 1U@A\*(A#%" 9\$22c\*\*  
0\$2%=&2, 1"62=B%A, 4%Y2%\*S1\*7' %\*1"2\*L\$A&%A| 2\*2N23#1=C2\*8\$'=, %1A\$|=, 9)\*2%L23=' BB(\*8(\*

WOM\$A7. \*\* & A#\$\*=. K" A#%2\*&2%9. 2\$U\*\*

P2\$2%123=4\*J', \*72\*G=, &\*1"2\*=, GA\$1 '1=A, \*\*8A#1\*1"2\*>O'A, \*1"2\*EED^\*\*728%12c\*\*

Q\$2%=&2, 1\*62=B%A, 4\*Y2%US1d%\*#, &2\$\*g' 8A7

728% = 120<sup>U\*</sup>

WQ\*M\$A7 , 4! " 2\$2\*7=B\*82" , A1" 2\$\*B=%1%2\$C2\*7=1\*\*\*B=, <\*1A\*1" 2>O\*728%12U! " 2\$2\*=%\* B%A\*\*  
L\_ | L\_ "B21\*A\_\*&23=%-A\_ KI\_ <=, 9\*8A&-2%)\*7=1\*\*| A\$2\*=, GA\$| \_ '1=A\_ U\*\*

WQ\*?A, &2\$A%KDA\$9', 4\*F A#B&\*(A#\*3A, %=&2\$\*(A#\$%2BG\*\*'LA%1K\$2CAB#1=A, '\$(\*3A, %2\$C' 1=C2\*  
823' #%"2AG\*(A#\$\*Z#A12\*' 1\*1"2\*829=, =, 9C\*

("



&='BA9#2\*7A#B&\*GABBA7)\*' , &\*=1=%\*%1' 12&=, \*EED^\*8(KB' 7%1'' 1\*3AI I =1122%\*AG\*3A#, 3-B\*! \$2\*  
' BBA72&\*1A\*''' C2\*3BA%2&%2%%=A, %JF 2\*''' &\*\* \$A3<(\*%1' \$1\*1A\*1" 2\*G=\$%1\*3A#LB2\*AG\*I 221=, 9%JF 2\*  
''' &\*1A\*3B2' \$\*' 7' (\*I =%#, &2\$%1' , &=, 9%J"AA%2\*: =G2\*2I L''' %=02&\*1''' 11"2(\*1" A#9"1\*1"2(\*''' &  
&A, 2\*, A1"=, 9\*7\$A, 9)\*' , &\*7' , 12&\*2N' I LB2%\*7=1\*\*\$2G2\$2, 32\*1A\*EED^\*RZ#=1(\*QAB=3(\*1A\*7''' 1\*  
7' %\*7\$A, 9! "2\*3AI I =1122\* 9\$22&\*1''' 1=1\*7A#B&\*82\*82112\$\*#%2\*1A\*G' 32\*1"2\*\$2' B=1(\*AG\*1"2\*  
=%1#' 1=A, \*' , &\*1A\*I AC2\*GA\$7' \$&=, %12' &\*AG\*2NLB'=, =, 9\*1"2\*' 31=A, %\*AG\*EED^\*JA#, 3-BJ"AA%2\*  
: =G2\*#, &2\$%1' , &%\*EED^\*%, 232%=-1(\*AG\*3\$2' 1=, 9\*' , \*2, C-\$A, I 2, 1\*1''' 1=%\*%' G2\*GA\$\*2C2\$(A, 2JF 2\*  
%1' \$12&%#992%1=A, %\*1''' 1\*J"AA%2\*: =G2\*3A#B&\*&A4\*TA\$\*1" 2\*&=%1\$-8#1=A, \*AG\*G' B%

HI 2\$4\*O%\*1"2\*3AI I =1122\*AG\*EED^\*1" 1\*\*\* %\*822, \*3\*\*\* \$92&\*7=1\*\*1" 2\*\$2C=27\*AG\*1" 2\*RZ#=1(\*  
 JAI I =1122)\*&A, d1\*(A#\*G22B\*1" 1\*1" 2\*RZ#=1(\*JAI I =1122\*\$2LA\$1%" A#B&\*&2L2, &A, \*1" 2"  
 &23=%=A, \*AG\*1"=%\*8A&(\*, &1" 1\*=1%" A#B&\*82\* 8B2\*1A\*2NLB' =, \*23=%=A, %\*AG\*1"=%\*3A#, 3=Bc\*\*  
 ; ' , , 4\*72\*\*\* C2\*L2, 1\*\* BA1\*AG\*1=I 2\*1' B<=, 9\*\* 8A#1\*1" 1\*=%\*#2)A, 32\*72\*\$2C=272&\*1" 2\*LAB-3()=1\*  
 I =9"1\*82\*82112\*\$1A\*I AC2\*GA\$ 7' \$&\*7=1\*\*\$2G2\$2, 32\*1A\*1" 2\*, 27\*LAB-3(I\*\*  
 HI 2\$4\*F =BB\*1" 2\*, 27\*LAB-3(\* LLB(\*\$21\$A' 31=C2B(\*A\$\*=%\*, (\*AGG2, %2\* 33A\$&=, 9\*1A\*1" 2\*L' %1\*LAB-3(C\*  
 F A#B&\*1" 2(\*%1=B\*B\*\* C2\*1" 2\*\$=9"1\*1A\*=, Z#=2\*1" 2\*3AI I =1122\*\$2C=27\*A, \*8\$2' 3" 2%\*1" 2\*\$2AGc\*\*  
 ; ' , , 4\*! "2\*, 27\*LAB-3(\*7=BB\*82\*L#1=, \*LB' 32\*1A\*3B2' \$\*#L\*&2G=, =1=A, %\*\* , &L#1=, 1A\*LB' 32\*3B2' \$\*  
 #, &2\$%1' , &=, 9I\*F =1\*\*1" 2\*, 27\*LAB-3(\*=, \*LB' 32)1" 2(\*7=BB\*921\*\*%2, %2\*AG\*7" 1\*AGG2, %2%\*\* C2\*  
 822, \*3AI I =112&J\*\*  
 HI 2\$4\*@A, d1\*(A#\*G22B\*1" 1\* %L23=' B=02&\*8A&(\*, \*RZ#=1(\*7A#B&\*82\* 8B2\*1A\*AGG2\$\*\* 82112\$=, %9"1\*  
 =, \*7" 1\* 31=A, \*\*\* &A33#\$2&c\*\*  
 ; ' , , 4\*SG\*(A#\*7A#B&\*B=<2\*1A\*L\$2%2, 1\*(A#\$\*23AI I 2, & 1=A, %1A\*I 2)\*(A#\* \$2\*72B3AI 2\*1AU\*  
 ?AA, 2(4; A7\*7A#B&\*(A#\*3AI 8' 1\*1" 2I \*G\$AI \*\*\* , &=, 9\*A#1\*G' B%2=, GA\$I ' 1=A, c\*\*  
 ; ' , , 4\*! "2(\* C2\*3AI 2\*1A\*#%\*, &%\* =&1" 1\*1" 2\$2\*7A#B&\*82\*L\$=A\$\*<, A7B2&92\* , &  
 \$2%LA, %8=B=1(\*AG\*1" 2I \*GA\$=, GA\$I ' 1=A, I\*\*  
 WO\*@AAB2(4! "2%2\*1=, 9%\*72\$2\*9=C2, \*1A\*#%\* 1\*1" 2\*2, &\*AG\*1" 2\*7 "AB2\*I 221=, 9)\*72\*\*\* C2, d1\*  
 &=%3#%2&\*1" 2I \*=, &21' B\*(21I\*F 2\*7A#B&\*82\*1" , <G#B\*GA\$\*\* BB\*\$23AI I 2, & 1=A, %)1" A#9" I\*\*  
 Q\$2%=&2, 1\*62=B%A, 4\*JA#B&\*(A#\*3B' \$=6(\*1" 2\*\$2C=%=A, %C\*\*  
 ; ' , , 4\*F 2\*7=BB\*82\*3" , 9=, 9\*1" 2\*LAB-3(\*1' 12I 2, 1)\*1" 2\*3AI LB' =, 1\*L\$A32%)\*%\*72BB\* %\*A1" 2\*\$  
 L\$A32%2%)\* , &\*3B' \$=6(\*1" 2\*&2G=, =1=A, %\*A1" 1\* , (8A&()\$29' \$&B2%\*AG\*1" 2=\$\*<, A7B2&92\*AG\*  
 2Z#=1()7A#B&\*, &2\$%1' , &=1U\*\*  
 F AABG4\*F '%1"=%\*1" 2\*G=\$1)\*GA\$2I A%1\* , &C2\$(\*8' %3\*I 221=, 9\*AG\* C2\$(\*BA, 9\*L\$A32%\*C\*\*  
 ; ' , , 4\*Y2%J\*\*  
 F AABG4\*F A#B&\*(A#\*%' (\*1" 1\*1" 2\*RZ#=1(\*JAI I =1122\*\$2V8\*=%\*1A\*2B#3=& 12\*1" 2\*LAB-3(\*1A\*1" 2\*3B#8)\*  
 \$' 1" 2\*\$2\*1" , \*1" 2\*&23=%=A, \*AG\*3A#, 3=Bc\*\*  
 ; ' , , 4\*Y2%J\*\*  
 Q2&, 2' #B14\*S%\*RZ#=1(\*JAI I =1122\*L\$2L' \$2&\*1" 1\*1" 2\*3B#8%1' 1#%\*I ' (\*, A1\*82\*\$2%1' \$12&c\*\*  
 ; ' , , 4\*\$1\*-%\*A8C=A#B(%\* LA%=%8=B=1()72\*\* \$2\*\* AL=, 9\*1" 1\*1"=%\*7=BB\*, 2C2\$\*\*\* LL2,)72\*\* \$2\*\* AL=, 9\*  
 1" 1\*1" 2\*17A\*8A&=2%\*3' , \*3AI 2\*1A\* , \* 9\$22I 2, 1\* , &\*%=



Q\$2%=&2, 1\*62=&%A, 4\*S\*=, &1'' 1\*1" 2\*3A#, 3=B%231=A, \*=%\*LAA\$B(\*7\$=112, \*, &A#1&' 12&\*\$-9"1\*, A7)\*  
 ' , &\*' %\*AI 28A&(\*7" A\*\* 2BL2&\*WQ\*WQ\*HBB2\*7=1\*\*1" 2\*7A\$=&, 9)\*G#, 31=A, ' BB()\*72\*\* \$2, d1\*3''' , 9=, 9\*  
 ' \*BA1\*f 2\* \$2%211B=, 9\*A, \*\* \*AB#1=A, \*1'' 1\*7A\$<%\* 72BB\*GA\$\*#%U\$1\* BBA 7%\*3A#, 3=B\*1A\*9AC2\$, \*1%2BG\*  
 ' , &\*82\*I A\$2\*2GG-3=2, 1US\*7=BB\*(=2B&\*1" 2\*1=I 2\*1A\*1" 2\*GBAA\$U\*  
 6278#\$9"4\*F 2\*\$232=C2&\*1" 2%\*G\$=2, &B(\*' I 2, &I 2, 1%4\*gE231=A, \*-U` Ue\*4\*JA#, 3-B\*%''' BB\*, A1\*1' <2\*\* \*  
 LA%=&1=A, \*A, \*2N12\$, ' B)\*2N1\$2I 2B(\*&C=%C2\*=%#2%\*1'' 1\* \$2\*#, \$2B' 12&\*1A\*1" 2\*AL2\$' 1=A, \*AG\*1" 2\*  
 %1#&2, 1%\*EA3=21(h\*a\*gS, \*1" 2\*2C2, 1\*1" 1\*3A#, 3-BBA\$\*&22I %\*\* , \*=%#2\*L#\$%#', 1\*1A\*1" 2\*L\$AC=%=A, \*  
 =, \*-U` Ue)\*3A#, 3-B\*1' (\*A, B(\*1' <2\*\* \*LA%=&1=A, \*A, \*1" 2\*=%#2\*L2, &=, 9\*! 17AK1"=\$&%\*I ' VA\$=1(\*CA12\*AG\*  
 3A#, 3-Bh\*O, &g?2LB' 32\*O\$1=3B2\*\* U. \*7=1\*\*1" 2\*GABBA 7=, 94\*JA#, 3-BBA\$%\*VA=, =, 9\*! 1\*A\$\*\* G12\$1" 2\*  
 %23A, &\*T' BB\*1 221=, 9%\*\* BB\*82\*p2B2312&\*8(\*CA12\*AG\*3A#, 3-B\*1A\*1" 3AI I =1122d=, %12' &\*AG\*  
 p' LLA=, 12&\*1A\*1" 3AI I =1122\*8(1" 2\*2N23#1=C2\*3AI I =1122d\*  
 \*

08' <=4\*DA1=A, \*1A\*8\$=, 9\*#L\*\* A%1-B2\* I 2, &I 2, 14\*n\$2' &%\* A%1-B2\* I 2, &I 2, 1\*. 4\*?2C2\$1\*LA=, 1\*  
 XI. \*\* , &\*XU-\*1A\*1" 2\*A\$=9=, ' B\*7A\$=&, 9lb\*\*  
 6278#\$9"4\*OI 2, &I 2, 1%\*3' , , A1\*82\*I ' &2\*1A\*\* A%1-B2\* I 2, &I 2, 1%\*U\$\*=, C=12\*1" 2\*A1" 2\$\*AG\*1" 2\*  
 "A%1-B2\* I 2, &I 2, 1\*1A\*82\*1" 2\*G\$%1%L2' <2\$U\*  
 08' <=4\*EA1 28A&(\*' =&%AI 21"=, 9\*GA\$\*G\$22&AI \*AG\*%L223")\*S\*7A#B&\*B<2\*1A\*8\$=, 9\*GA\$7' \$&\*I A\$2\*  
 B29=%B' 1=A, \*GA\$9\$2' 12\$\*\* 33A#, 1' 8-B=1(UgO%\*AA, \*' %\*LA%=&8B2h\*=%\*, A1\*C2\$(\*3B2' \$U' F 2\*''' C2\*%22, \*  
 %AI 2\*I A1=A, %\*8\$A#9"1\*82GA\$2\*3A#, 3-B\*1" 1\*72\$2\*C2\$(\*=I LA\$1' , 1U' F 2\*''' C2, d1\*&=%3#%2&\*XU. \*  
 ' , &\*XU-U' F 2\*8=&%2=1\*\* 1\*1" 2\*3A, %=&2\$' 1=A, \*AG\*1" 2\*8#&921U' J''' , 9=, 9\*8(B' 7%\*=%\*2Z#\* BB(\*  
 =I LA\$1' , 1U\$\*1\$A, 9B(\*#92\*3A#, 3-BBA\$%\*1A%#LLA\$1\* \$1=3B2'. /U. \*' %\*1\*7' %U! "2\$2\*=%\*, A\$2' %A, \*  
 1" 1\*1" 2%\*L2' <2\$%\*3' , d1\*LA%1\*1" 2\*I A1=A, %\*A, \*1" 2\*EED^\*728%-12\*GA\$\*92, 2\$' B\*=, GA\$1' 1=A, U' F=1\*\*  
 I A\$2\*1=I 2)\*3A#, 3-BBA\$%\*3' , \*' 31#\* BB(\*3A, %=&2\$\*1" 2\*&A3#I 2, 1%\*1" 1\* \$2\*8\$A#9"1\*82GA\$2\*%U! "2\*  
 8(KB' 7%\*L\$A1231\*1" 2\*=, 129\$=1(\*AG\*1" 2\*EA3=21(U\$G\*(A#\*&A, d1\*''' C2\*1=I 2\*1A\*BAA<\* 1\* , (\*&A3#I 2, 1%)  
 BAA<\* 1\*1" 2\*8(KB' 7\*3''' , 92%U\$1\*=%\*2N1\$2I 2B(\*=I LA\$1' , 1\*1" 1\*3A#, 3-BBA\$%\* C2\*2, A#9"1=I 2\*1A\*  
 BAA<\* 1\*1" 2I U\*

Y#4\*S1"=, <1" 1\*1" 2\*\$2C2\$%-A, \*AG\*1" 2\*A\$=9=, ' B\*\$#B2%\*=%# , , 232%\* \$(\*K\*=1%" A#B&, d1\*82%A\*#92, 1\*  
 1A\*3''' , 92\*8(K





I ' <2\*8(KB' 7\*3" , 92%\*1" 1" \$2\*3A, GB=31=, 9\*7=1\*\*A1" 2\$\*8(KB' 7%\$G\*1" 2\$2\*7' %\*\*3AI | =1122\*
 3" "92&\*, \*\$2C=27=, 9\*=1%#3\*\*2\$\$A\$%\*7A#B&, d1\*\*\* LL2, lJ\*
 Y#4\*S\*7A#B&\*B=<21" 1\*72\*7A#B&\*L#11" =, 9%\*=, \*L2\$%L231=C2lH#\$\*3A, %1=1#1=A, ' B\*8(KB' 7%\*9AC2\$, \*
 2C2\$(1"=, 9U! "%\*I A1=A, \*=%\*A, 2\*AG\*1" 2\*=I LA\$1' , 1\*A, 2%\$S1\*&A2%\*L#1\* , A1" 2\*\$B' (2\$\*AG\*
 8#\$2' #3\$' 3(\*A, \*1" 2\$2U\$1d%\* 8A#1\*8(KB' 7%)\*, A1\*=I | 2&=12\*2N23#1=C2\* 31=A, %\$S\*&A\*, A1%22\*\* A7\*
 1"=%\*I A1=A, \*3A#B&\*82\*ALLA%2&J\*
 HI 2\$4\*F A#B&\*1" 2\*2N=12, 32\*AG\*\* JA, %1=1#1=A, ' B\*?2C=27\*JAI | =1122\*, 22&\*GA\$\*2C2\$(\*8(KB' 7\*
 3" , 92\*1A\*9A\*1"\$A#9\*\*1" 2\*3AI | =1122c\*\*
 6278#\$9"4\*n\$2' &%\*I ' , &' 12\*AG\*JA, %1=1#1=A, ' B\*?2C=27\*JAI | =1122o\$G\*1" 2\$2\*\* \$2\*8(KB' 7%\*1" 1\*
 3AI 2\*1A\*1" 2\*3A#, 3=B)1"2(\*3' , )\*8#1\*&A, d1\*\*\* C2\*1A\*9A\*1"\$A#9\*\*1" 2\*3AI | =1122U\*
 Y#4\*H, \*\$2GB231=A, )\*I (\* , %72\$\*=%\* , AU\*\*
 F AABG4\*QA=, 1\*AG\*S, GA\$I ' 1=A, \*a\*=%, d1\*1" 2\*3A, %1=1#1=A, \*A, B(\*%#8V231\*1A\*\$2G2\$2, &' c\*S%, d1\*=1\*\* B%A\* 1\*
 1" 2\*EL2' <2\$d%\*&=%3\$21=A, \*6%AI 21" =, 9\*=%\*3A, %1=1#1=A, ' BB(\*C' B=&c\*\*
 6278#\$9"

08' <=4\*\$2' BB(\*1'=, <\*1'' 1\*7 2\*' \$2\*' BB\* 7' \$2\*7''' 1\*=%\*9A=, 9\*A, \*, ' =1-!O^E)\*E^E\*, &\*A1"2\$\*  
 G' 3#B1(\*A\$9', =0' 1=A, %\*\*\* C2\*&A, 2\*' \*G', 1' %1=3\*VA8=, \*\$2' 31=, 9\*1A\*1" 2\*3\$-%=! " 2\*O^E\*%\*  
 G#, &\$'=%=, 9\*2GGA\$1%&A%1AL\*A, \*DA, & (\*1"A#9"!D', (\*AG\*#%\*3' \$2\*' 8A#1\*1"=%=%#2U\$\*3', , A1\*  
 #, &2\$%1', &1"2\*L'=, \*1"11"2\*L2ALB2\*' \$2\*9A=, 91"\$A#9"!F 2\*' \$2\*' BB\*9A=, 91"\$A#9\*\*I ' , (\*  
 1"=, 9%\*8#1"2\*L2ALB2\*=, \*; ' =1" \$2\*9A=, 91"\$A#9\*\*I 1"1"2\*9A=, 91"\$A#9\*\*I ' , (\*  
 %"A#B&%"A7\*3AI L' %%=A, !S1\*7A#B&\*82=, \*9AA&\*G'=1\*\*GA\$\*EED ^\*1A\*9A\*\*" 2' &\*, &\$'=%2\*G#, &%\*  
 ! " 2\*3' L=1' B\*AG\*, ' =1" %%822, \*\$2&#32&\*1A\*\$#8B2)\*A\*=1"7-BB\*1' <2\*' BA, 9\*1=I 2\*' , &\$2Z#=\$2\*BA, 9K  
 12\$1 \*\*%72BB\* %%"A\$1K12\$1 I 2' %%\$2%U\$\*<, A7\*1"11"2\$2\*=%\* B\$2' &(\*82=, 9\*1=, 9%\*&A, 2)\*8#1\*  
 "2\$2\*(A#\*3', , A1\*&A\*2, A#9"!F 2\*3', %%"A7\*A#\$B2' &2\$%"=L\*, &%"A7\*\*A7\*72\*3' \$2\*, A1\*A, B(\*  
 ' 8A#1%1#&2, 1%\*2\$2U\$\* C2%LA<2, \*1A\*1"2\*O^E\*JA#, 3=B\*1"2\*MB' 3<E1#&2, 1\*6217A\$<\* , &  
 A1"2\*\$A\$9', =0' 1=A, %U\$M#1\*EED ^\*%"A#B&\*L\$AC=&2\*' BB\*\$2%A#32%\*1"11"2(\*3', ! " 2\*WQ\*RN12\$, ' B\*  
 %%\*2NL\$2%\*2&1"2\*LA%\*-8-B=1(\*AG\*1\$1=, 9\*AGG\*1"2%2\*G#, &%\*F 2\*' \$2\*\*\* C=, 9\*1\*I 221=, 9\*B' 12\*\$A, \*1A\*  
 &=3%#%\*A#\$%1\$1' 129(!S1\*7-BB\*1' <2'; ' =1" BA, 9\*1=I 2\*1A\*\$23AC2\$)\*, &EED ^\*3', \*\$2' 3\*\*A#1A\*  
 AC2\$\*-///\*1#&2, 1%\*F 2\*\*"A#B&\* BB\*921\*A, \*8A' \$&U\*  
 D' 4\*RGGA\$1%\*1A7' \$&%; ' =1" C2\*' B\$2' &(\*822, \*%1\$12&U\$M#1\* %\*EED ^)\*72\*\*\* C2\*9\$2' 12\*\$LA72\$\*  
 1A\*3A, , 231\*I A\$2\*L2ALB2!F 2\*3', \*I ' <2\*I A\$2\*\*\* LL2, \*GA\$#, =12&\*2GGA\$1%\*1"1\*7-BB\*1' <2\*  
 9\$2' 12\$\*\*3"=2C2I 2, 1%\*U\*  
 M\$=A, 2%4\*EA1 2\*L2ALB2\$\*<, A7\*8=&, d1\*<, A7\*7''' 1\*7' %%9A=, 9\*A, )%A\*\*\* C=, 9\*1"=%\*I A1=A, \*L' %%2&\*  
 7-BB\*3AI 8' 1\* L' 1"(\*, &\$'=%2\* 7' \$2, 2%\*GA\$1"2\*LAC2\$1(\*AG\*, ' =1-!S1\*7-BB\*2BL\*; ' =1=\$2K  
 2%1' 8B=%\*\*=1%2BGU\*Y' (q\*\*  
 WQ\*?A, &2\$A%KDA\$9', 4\*S\*' I \*C2\$(\*, \*G' CA#\$\*AG\*1"=%U\$Q>EE\*\*\* %\*G#, &\$'=%=, 9\*LB', \*AG\*=1%\*A7, !  
 RC2\$(A, 2%"A#B&\*82=, GA\$1 2&\*7''' 1\*\*\* %822, \*9A=, 9\*A, ! " =%\*2GGA\$1\*7-BB\*LA12, 1=' BB(\*B2' &1A\*  
 VA=, , 9\*GA\$32%\*7=1"1"2I )\*1=%\*=I LA\$1', 1\*1"1\*A#\$\*=, =1=' 1=C2\*=%\*=, \*3A, 32\$1\*7=1\*\*A1"2\$\*  
 =, =1=' 1=C2%\*A, \*3' I L#%U\$\*2' BB(\* AL2\*1"1\*3A#, 3=B\*2, &%\*L\*82=, 9\*3ABB' 8A\$' 1-C2\*7=1\*\*A1"2\$\*  
 =, =1=' 1=C2%\*A, \*3' I L#%U\*  
 Q>EE\*?2L!\*\$%L2' <=, \*G' CA#\$\*AG\*1"=%\*I A1=A, !F 2\*\*\* &\*\*L', 2B\*&=%3#%\*A, \*, &\*7-BB\*2L' C2\*\*\*, &\* BB\*  
 ' L' \$1()I A, 2(\*7-BB\*9A\*1A7' \$&%@A31A\$%\*7=1"A#1MA\$&2\$%\*1"2\$2\*7-BB\* B%A\*82\*I ' , (\*A1"2\$\*  
 2C2, 1%\*F 2\*3A#B&\* C2\*A, 2\*LAA\*AG\*I A, 2(\*3AI =, 9\*G\$AI \*D3>-BB\*1#&2, 1%\*S1d%\*1\$' 92&(\*1"1\*  
 ' GG231%\* BB\*AG\*#%U\*  
 PA\$2, ' 4! " 2\*O^E\*\*\* C2\*822, \*G#, &\$'=%=, 9%\*=, 32\*1"2\*B' %1! "#\$%&' ()\*, &\* \$2\*L\$A8' 8B(\*#L\*1A\*  
 \. b)///\*8(\*DA, & (\*D3>-BB\*23#-\$1(\*%\*3WQ\*HBB231=, 9\*GA\$1"2\*?2&\*J\$A%)\*, &\*72\*7-BB\*82\*  
 "2BL=, 9%\*23#-\$1(\*&A1"1"1U! " 2(\*7', 1\*1A\*\*\* C2\*\*, \* 92, 1\*7' B<, 9\* \$A#, &\*7=1\*\*\* %1#&2, 1U\$QB2' %2\*  
 3"AA%2\*1"2\*?2&\*J\$A%)\*HNG' I )A\$\*@A31A\$%\*7=1"A#1MA\$&2\$%\*G\*(A#\*7', 1\*1A\*&A, ' 12)\*1"1\*A%2\*  
 ' 2\*\* BB\*C2\$(\*\$23A9, -02&\*=, =1=' 1=C2%U\*  
 6278#\$9"4! " 2\$2\*7' %\*G\$=2, &B(\* I 2, &I 2, 14\*gM2\*S1T#\$1"2\$\*?2%ABC2&1\*\*\* 1\*EED ^\*7-BB\*  
 &A, ' 12\*\` ///\*A#1AG\*1"2\*RN12\$, ' B\*OGG' =%\*8#&921U\*  
 \*  
 Y#4\*\$V#%1\*7', 1\*1A\*\$'=%2\*1"2\*3A, 32\$, \*AG\*7"A\*72\*' \$2\*9A=, 9\*1A\*&A, ' 12\*1AU\$\*&A, d1\*1"=, <\*1"1"1\*2\*  
 C=31=I %\* \$2\*C=31=I %\*AG\*1\*, ' 1#\$' B\*&=%\*12\$)\*8#1AG\*LAA\$=, G\$' 1%\$#31#\$2!S1\*\*\* %\*9A, 2\*G\$AI \*\*\*%2BGK  
 %#GG=3=2, 1\*23A, AI (\*1A\*\*\* #92\*\$-32=I LA\$12\$)\*, &1"2\*SDT\*\*\* %\*3#1L#8B=3%\*231A\$=, 3AI 2\*=,  
 " BGU\*EA\*7"A\* \$2\*72\*L' (=, 9C\*QA\$1K' #KQ\$=, 32\*=%#, &2\$\*I =B=1'\$(\*3AI I ' , &\*AG\*1"2\*^E\*O=\$3\$' G1U\*  
 JA, %&2\$=, 9\*1"2\*^EK; ' =1=, \*\*=1A\$()1"2\*^E\*3A, 1\$ABB=, 9\*1"2\*=\$LA\$1%\*, d1\*9\$2' 1U\$O\$2\*72\*L' (=, 9\*  
 GA\$1"2\*=\$LB', 2%\*3=\$3B=, 9\*1"2\*=\$)A\$\*1"2\*L2ALB2\*A, \*1"2\*9\$A#, &C\*\*  
 WQ\*@AAB2(4\*F 2%"A#B&\*82\* 7' \$2\*1"1\*72\*9=C2\*1"=%\*1A\*\$9', =0' 1=A, %\*1"1\*72\*3', \*1\$#%1U! "%\*=%\*  
 %211=, 9\*1"2\*32&2, 1)\*72\*\*\* C2, d1\*&A, 2\*1"=%\*=, \*1"2\*L' %1\*, &\*72\*\*\* A#B&\*82\* 7' \$2\*1"1\*1#&2, 1\*  
 I =9"1\*2NL231"1"1=, \*1"2\*G#1%\$2U\*

D2"1" 4\*\$G=, &1"=%\*I A1=A, \*%C2\$(\*LAA\$B(\*LB' , , 2&)=1%"A#B&\*82\*C2\$(\*I #3\*\*I A\$2\*&21' =B2\*&7"A\*  
72" \$2\*9A=, 9\*1A\*&A, '12\*1A)"\*, &\* LL' \$2, 1B()1"2\*1\$, %LA\$1' 1=A, \*AG\*=&=%\*=&GG=3#B1\*1AAU! "2\$2\*  
'2\* B%A\*7' (\*1AA\*I ' , (\*9\$A#L%\*#LLA\$1=, 9\*; '=1)V#%1%1' \$1=, 9\*#L'I A\$2\*' , &I A\$2%I ' BB\*  
L\$AV231%\*=%\*7A\$%2\*1''' , \*3AI 8=, =, 9\*1" BBU'S\$2V231" BB\*8#11"2\*3B' #%2\*1'''E28' %1= , \*3A, 1\$=8#12\*  
I A, 2(I

F AABG4\*D' (82\*72%"A#B&\*3A, %=&2\$\*#LLA\$1=, 9\*! \*BA3' B\*; '=1' , \*A\$9' , =0' 1=A, \*%, %12' &\*AG\*! \*9\$2' 1\*  
=, 12\$, '1=A, 'B\*A\$9' , =0' 1=A, I\*

Q2&, 2' #B14S\*7A#B&\*AL2\*1"1" , (\*BA, 9K12\$1 \*2GGA\$1\*AG\*2, %#\$=, 9\*%1' 8-B=1(\*=, \*; '=1\*7A#B&\*1' <2\*  
=, 1A\*3A, %=&2\$' 1=A, '1"1I ' , (\*AG\*A#\$B2' &2\$%\*a^E' , &J' , '&' a''' C2\*822, \*3AI LB-3=1\* , \*  
%#LLA\$1=, 9\*1"2\*L\$2C=A#%9AC2\$, I 2, 1'' , &1"2\*A#%1=, 9\*A6\*%2C2\$' B\*; '=1' , \*B2' &2\$%U! "2"G' 31\*  
1"1"1"2\$2\*7=B\*B82" I 221=, 9\*=, \*DA, 1\$2' B\*AG\*J' , '&=' , )\*O1 2\$=3' , \* , &\*SDT\*AGG=3='B%\* I A, 9%1\*  
A1"2\$%\*=%\*21 8B2I '1=3AG\*1"2%\*1#1=A, I\*

6278#\$9"4\*O\*\$2%ABC2&\*3B' #%2\*1"822, \* &&2&4\*gM2\*=1\*G#\$1"2\$\$2%ABC2&\*1"1\*3A#, 3-B%1\$=<2\*1\*  
3AI I =1122\*1A\*B2' &1"2%2\*2GGA\$1%h\*

HI 2\$4\*DA1=A, \*1A\*L\$2C=A#%Z#2%1=A, I\*\*

" &-\*&(\$-&\$83, =\*':\$V' , : -\*&(\$81:: , 40\$

F, : &+ -\*&(\$F, . 134\*(. \$^1-\*\$F, +\*, >H>&3-:\$81:: , 40\$

\*

/70H\$P\*:)' :: \*(&(\$8, 3-1\*((\*(. \$-&\$-, \$E3\*()\*81+: \$Z1: Y\$N&3), \$

WQ\*@AAB2(4\*\$9A1=, L#1\*G\$AI \*JA#, 3=BBA\$\*P2\$2%123=)\*' , &1"=%\*=%\*7"1"72\*3' I 2#L\*7=1")\*10%\*1\*  
3A, &2, %2&\*C2\$%A, \*AG\*1"2I ' =, \*LA=, 1%U! "2!" '%<TA\$32\*=%A, \*@=C2\$%-1()RN32BB2, 32)\*' , &  
JAI I #, =1(\*R, 9' 92I 2, 1U\$1d%\*A, B(\*=, \* &C=%A(\$3AI I =1122)%A\*72\*V#%1"7' , 1\*1A\*921\*A#\$I ' =,  
\$23AI I 2, &1=A, %\*A, \*1"2\*\$23A\$&)\*8#11"2\*Q\$=, 3=L' B\*7=B\*B23=&2\*7"1"1A\*1' <2#LUS, \*1"2\*1AL=3\*  
AG\*&C2\$%1(\*)72\*7=B\*B23AI I 2, &1"1"1"332%\*8-B=1(\*AG\*2#3' 1=A, \*=%\*<2(\*1A\*\$2' 3"1A#11A\*  
I ' \$9=, 'B=02&\*3AI I #, =1=2%\* , &=1\*B%A\*, 22%\* , \* 33AI I A&' 1=, 9)\*2Z#=1' 8B2\*2, C=\$A, I 2, 1U  
! "2, )\*72\*%<2&1"2\*Z#2%1=A, )\*7"1"2C2, \*%2N32BB2, 32\*11"2#, &2\$9\$' &#12\*B2C2Bc\*D3>B\*B  
12, &%1A\*I 2' %\$2\*2N32BB2, 32\* BA, 9\*2N12\$, 'B\*3AI L' \$-%A, %U F 2%"A#B&\*23AI I 2, &1"1"  
=, 12\$, 'B\*2C' B#1=A, \*AG\*2N32BB2, 32\*=%\*I LA\$1', 1\*1AAU F 2<, A7\*1"1\*D3>B\*B=%\*DA, 1\$2' B\*B  
G' CA#\$=12\*, %1=1#1=A, \* , &1"1"1"2(\* B\*BAC21"1"72(\$2\*2\$2U\$TA\$%AI 2\*\$2' %A, )\*JA, 3A\$&=\*  
&A2%, d1\*\*\* C2\*1"2%" I 2\*L\$A8B2I \*\*%#%U F 2%"A#B&\*BAA<=, 1A\*I A\$2\*2, 9' 92I 2, 1\*7=1"1A3' B\* , &  
3AI I #, =1(\*9\$A#L%U\$G\$A#\$\*BA3' B\*3AI I #12\$%\*G22B\*B<2\*A#1%-&2\$%\* , \*A#\$\*3AI I #, =1()\*\*A7\*7=B\*B  
1"2\*BA3' B\*3AI I #, =1(\*G22Bc\*

>' \$AG' BA4F "1"=%\*7\$A, 9\*7=1"1"2\*7A\$&\*&=C2\$%2c\*\*

WQ\*@AAB2(4; A7\*=1"=%\*#%# B(\* LL\$AL\$=12&I\*

5' =&4\*F "1"(A#%"=&\* 8A#1"332%\*8-B=1()D3>B\*B=%\* C=, 9\*! \*&A#B8B2\*&=%3A#\$%2r\*7"=2\*D3>B\*B=%\*  
LB' , , =, 9\*1A\*\$'=%2\*1#1=A, )\*1"2(\*7' , 1\*1A\*\$2' 3"1A#11A\*I ' \$9=, 'B=02&\*3AI I #, =1=2%U\*

WQ\*@AAB2(4! "1"=%\*1\$#2UH, 2\*1"=, 9\*1"1%1#&2, 1%\*\*\* C2\*AG12, \*8\$A#9"1#L=%\*1"1"72\*1"2\*  
&C2\$%2\*, \*\$' 3='B\*A\$A1"2\*\$7' ()\*8#1\*, A1\*23A, AI =3' BB(I\*

WQ\*M\$A7, 4\*EA1 2\*G22B1"1\*\$2%=&2, 32%\* \$2\*, \*AC2\*\$2L\$2%2, 12&\*I =, A\$=1(\*AG\*A#\$\*1#&2, 1%U  
! "2\$2\*-%\* , \*2, 1=\$2\*, 217A\$<AG\* &C-%A\$%\*213\*GA\$\$2%=&2, 32%\*8#1\*, A1"=, 9\*%I =B' \$2N=%1\*GA\$, A, K  
\$2%=&2, 32\*L2ALB2U

WQ\*@AAB2(4! "=%\*=%\*A, B(\* 8#BB21KLA=, 1\*GA\$I \*AG\*A#\$\*LA=, 1%U F 2\*\$2GB231"1"1)\*S\*82B=2C2U\*

Q2&, 2' #B14F A#B&\*, AK1#=1=A, \*LA=3(\* 2BL\*1A=, 3B#&2\*I ' \$9=, 'B=02&\*3AI I #, =1=2%\*F A#B&\*(A#  
B=<2\*1A%#992%1"1c\*

WQ\*@AAB2(4\*\$7A#B&\*B=<2\*1A\*&A\*1"1U\*

\*

/7N\$X' , :-\$: 8, 1Y, 3: \$` \$Z1%HD\$HI , )' -\*=, :0\$\$

\*

WC\*?A, &2\$A%KDA\$9' , 4\*! "=%\*=%\*! , \*=

!)"

"

+29A#\*4\*O31#2BB2I 2, 1)\*B2\*! ' JR\_\_\*G'=1\*#, 2\*9\$' , &2\*&=GG\$2, 32%#\$\*B2\*LB' , \*L\$AC=, 3=' BU@2%\*  
A\$9' , =%' 1=A, %\*=, &SL2, &' , 12%\*V' &=%\*' C'=2, 1\*82' #3A#L\*&2\*I A#C2I 2, 1)\*21\*&2\*LA#CA-\$)\*21\*3' \*  
G'=1\*#, 2\*9\$' , &2\*&=GG\$2, 32UH, \*3\$S2\*#, 2%\*1#1=A, \*#, =Z#2\*A#\*A, \*2%1\*2, 1\$2\*#, \*I A#C2I 2, 1\*  
\$' &=3' B)\*21\*#, \*I A#C2I 2, 1\*1\$u%\*A\$9' , =%SL@' , %\*[\*, %)\*A, \*2%Lu\$2\*Z#2\*B2%\*\$2B' 1=A, %\*2\$A, 1\*L#%\*  
"A\$=0A, 1' B2%\*21\*I A=, %\*C2\$1=3' B2%U\*\*  
WQ\*?A, &2\$A%KDA\$9' , \*4! "2\*! ' JR\_\_\*=%\*L\$2%2, 1=, 9\*=1%2BG\*GA\$\*1"2\*G=\$%1\*1=I 2\*! %\*! 1"=\$&\*AL1=A, )\*  
2%L23=' BB(\*7=1"=, \*1"2\*I A\$2\*\$' &=3' B\*OEER' , &\*1"2\*I A\$2\*=, %1=1#1=A, ' B=02&\*TR^\_)\*' , &\*''' C=, 9\*\*  
I A\$2\*\*"A\$=0A, 1' B\*%1\$#31#\$2=, \*7"=3\*\*1"2\*I 2I 82\$\*A\$9' , =0' 1=A, %\*''' C2\*\*"BA1\*AG%" (\*21\*\*  
=I LA\$1' , 1\*L\$232&2, 1\*S, \*[\*(2' \$%)1"2\*%1\$#31#\$2\*AG1"2\*%1#&2, 1\*I AC2I 2, 1\*7=BB\*L\$A8' 8B(\*  
823AI 2\*&=GG2\$2, 1)\*823AI 2\*I A\$2\*\*"A\$=0A, 1' B\*7=1\*\*9\$2' 12\$\*=, &2L2, &2, 32U\*\*  
WQ\*=@=' 04\* \_#2BB2%\*%A, 1\*CA1\$2%\*1\$' 1s9=2%\*&d' 9\$' , &-%2I 2, 1\*&2\*B' \*! ' JR\_\_\*r3AI I 2, 1\*CA#%\*  
A\$9' , =%20KCA#%\*c\*  
+29A#4\*F 2\*\*\* C2\*I 2I 82\$%"=L\*, \*E"2\$8\$AA<2)\*1"2\*^\_! ?\*I AC2I 2, 1\*\*\* C2\*B2G1\*1"2\*TR^\_\*, &\*

