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7(!7\*K1!\* ) , ! , 1-73(8!701&;D<sup>n</sup>!!\$01!9(537!01+ , !70\*7!701!- \* & 1!35+1-! \* 22+8!C01)!  
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a Q Q! ? b ?B!E] ]O! QX!L"ME#LEB! \*7! .L#B!cc!<OS<#!^ ^ ; ' ;!H\*+;! ' 19;]YB!E] ]O\_!^ -7\*71&1)7!(A! , 19%- ( )!  
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 -%,1C\*+K-!+%K1+8! ,%,!) (7!=9(-)-7%7571j1! \*)! 1k73\*(3,%)\*38!9%395&-7\*)9!170\*7!  
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?219%\*+! 231S31&>\*+! ) (7%91! 31N5%31&1)7-! \*22+8! 7(! 701! 0\* ) ,+% )J! (A!  
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-\*A1J5\*3,-!\*J\*%)-7!133()1(5-!,123%>\*7%()-!(A!23(21378;<1Y!!\$01!9(537!2(% )71,! 7(!23(91,531-!%)!701!e() (+5+5!-7(3\*J1!(3,%)\*91!23(>%,%)JA(3!\*,>\*)91!)(7%91! (A!\* )8!-1%I531!\*),!2(-7S-1%I531!)(7%91!,1-93%6%)J!C0131!23(21378!0\*!,!611)! 7\*K1)!\*),!9(5+!,!61!3173%1>1,;<1R!!F7!01+!,!70(-1!(22(375)%7%1-!&\*!,!701! %&2(5),&1)7!23(91--!31\*-( ) \*6+1!\*),!70\*7!\*01\*3%)J!C\*-!)(7!31N5%31,!-%)91!%7! =C(5+!,\*,,!+%77+1!7(!231>1)7!\* )!133()1(5-!,123%>\*7%());D<<1!

\$01! e\*C\*%q%! ' %-73%97! H(537! 9(&&1)71,!%)! ;@--011! 70\*7! e() (+5+54-! -%,1C\*+K!)5%-\*)91!(3,%)\*91! =, (1-!)(7!23(>%,!1A(3!1%7013!231S,123%>\*7%() ) (7%91!(3!\*!231S,123%>\*7%()!01\*3%)J;D<<<!!F7!,%,!)(7!A%),!70%-!(&%--%)!A\*7\*+B! 0(C1>13B!619\*5-1!(A!701!(3,%)\*914-!2(-7S,123%>\*7%()!)(7%91!\*),!01\*3%)J! 23(91,531;<<E!!\$01!9(537!(2%)1,!70\*7!%7!9(5+!,!=9()-%,13!701!\* ,1N5\*98!(A!701! 2(-7S,123%>\*7%()!)(7%91!\*),!01\*3%)J!23(91,531!A!701!)7131-7!\*7!-7\*K1!-!-&\*++! 31+\*7%>1!7(!701!653,1)!70\*7!23(>%,%)J!231S,123%>\*7%() ) (7%91!\*),!!\*!231S

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 \* ) ,!-%A178%)7131-7-B!657!%7!35+1 ,!70\*7!70(-1%)7131-7-! ,% ,!) (7!(57C1%JO%)7131-7-!  
 (A!0(&+1+--!213-( )-!%)!K112%)J!2(--1--% ( )!(A!701%3!213-( )\*)+!23(21378!C0%90!  
 %)9+5 ,1 ,!1--1)7%\*+!-590!\*-!&1 ,%9\*7% ( )-!\* ) ,!&1 ,%9\*+!1N5%2&1)7 ; <<R !! \$01!9(537!  
 A(5) ,!70\*7!701!9%784-!23(21378!31& (>\*+!23(7(9(+!-C131!%) \* ,1N5\*7!1657!(2%)1 ,!  
 70\*7!7018!C(5+ ,!) (7!9( )73\*>1)1! ,51!23(91--!%A! \* , ,%7% ( )\*)+!23(91 ,531-!C131!  
 \* , (271 ,!70\*7!^<\_!23(>% ,1 ,!\* ,>\*)91!) (7%91! (A!9+1\*)52!\*97%>%7%1-B!^E\_! \*++(C1 ,!  
 9( )A%-9\*7% ( )!( )+8! (A!23(21378!70\*7!2(-1 ,!\*)!%&&1 ,%\*7!13%-K!7(!701!256+%9B!\* ) ,!  
 ^L\_!61771319\*7\*+(J51 ,!701!23(21378!70\*7!C\*-!-1%I1 ,!7(!A\*9+%7\*7!1319+\* &\*7% ( )!68!  
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(AA%9%\*+-!7(!&(>1!(6-73597%()-!70\*7!%&21,1!2\*--\*J1;<E#!!G(7%91!&5-7!61!  
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&\*8!61!319+\*%&1,B!\*),!-1%I1,!23(21378!&5-7!61!-7(31,%)!\*!-19531!+(9\*7%(!A(3!  
)(!+1--!70\*!)!)178!^R]\_!,\*8-!%)!&\*)13!70\*7!&\*K1-!%7!\*>\*%+\*6+1!A(3!319(>138!  
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-219%\*+!23(>%-%(!),19+\*31-!70\*7!+%>% )J!1--1)7%\*+-B!-590!\*-!&1,%9\*7%()B!&1,%9\*+!  
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7(!%)A(3&!70(-1!\*AA1971 ,B;!;!;!;(3B!C0131!9() ,%7%(!)-! ,(!) (7!31\*-()\*6+8!213&%7!  
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P ")KOL-!, 1\*+7!C%70!713&% ) \*7% (! (A! ? (9%\*+! ?1953%78!, %-\*6%+78!61) 1A%7-!C%70(57!  
\*!01\*3%)J!5) , 13!23(91, 531-!70\*7!23(>% , 1, !2(-7S713&% ) \*7% (! 319(53-1, <RE!!\$0!  
P ")KOL-! H(537! 319(J)%I1, ! 70\*7! 23(91, 53\*+! , 51! 23(91--! 23(71971, ! -590!  
61) 1A%7-! \*), !70\*7! -(&!A(3&! (A!01\*3%)J!&5-7!61!23(>% , 1, !61A(31! -(&1(!) 1!  
9(5+, !61!A% ) \*+8!, 123%>1, ! (A!701& ;<RL!!F7! C3(71!0(C1>13!70\*7! , 51!23(91--!%!  
A+1k%6+1B! \*), !701!N51-7% (! C017013!9137% ) !23(91, 531-! =\*31!9(!)-7%757% (! \*+8!  
-5AA%9%1) 7!31N5%31-! \* ) \*+8-! (A!701!J (>13)&1)7\*+!\* ) , !23%>\*71% ) 7131-7-!70\*7!\*31!  
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j\$10\*7! % , 1)7%A%9\*7% (! (A! 701! -219%A%9! , %97\*71-! (A! , 51! 23(91--! J1)13\*+8!  
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C%+! 61! \*AA1971, ! 68! 701! (AA%9%\*+! \*97% (! T! -19(!), B! 701! 3%-K! (A! \* )! 133(!) 1(5-!  
, 123%>\*7% (! (A!-590!%) 7131-7!703(5J0!701!23(91, 531-!5-1, B!\* ) , !701!23(6\*6+1!  
>\*+5!B!%A!\* ) 8B! (A!\* , , %7% (! \*+! (3!-56-7%7571!23(91, 53\*+! -\*A!J5\*3, -T!\* ) , !A% ) \*+8B!  
701!V(>13)&1)74-!% ) 7131-7B!% ) 9+5, % ) J!701!A5)97% (! % ) >(+>1, ! \* ) , !701!A%-9\*+!  
\* ) , ! \* , &% ) %-73\*7%>1! 653, 1) -! 70\*7! 701! \* , , %7% (! \*+! (3! -56-7%7571! 23(91, 53\*+!  
31N5%31&1)!C(5+, !1)7\*%+ ;<R"!

m(-7SP ")KOL-!9\*-1-!% ) , %9\*71!70\*7! \* )! (22(375)%78! 7(! 61! 01\*3, ! &\*8! 61!  
, 1+\*81, !% ) +%&71, !9%395&-7\* ) 91-; <R0!!F7! C3(71!% )! I(IFO>)%##% 8+C" >70\*7!701!  
=H(537! 0\*-! 319(J)%I1, B! (!) &\* ) 8! (99\*-% (!)-B! 70\*7! C0131! \*! ?7\*71! &5-7! \*97!  
N5%9K+8B! (3!C0131!%7!C(5+, !61!%&23\*97%9\*+!7(123(>% , 1!231, 123%>\*7% (!) 23(91--B!  
2(-7, 123%>\*7% (!) 23(91--! -\*7%-A%1-! 701! 31N5%31&1)7-! (A! 701! ' 51! m3(91--!  
H+\*5-1;D<R#!!\$0! I(IFO>)!H(537!% ) , %9\*71, !70\*7!\*!01\*3%)J!&\*8!61!, 1+\*81, !5)7%+!  
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\* ) , ! 8@3-+\$!31231-1)7!\*!-219%+!9\*-1! (A!701!J1)13\*+! P ")KOL-%##% : 13>(3/0!\*) \*+8-B!% )!C0%90!2(-7S  
, 123%>\*7% (!) 7(37!31&1, %1-!31!\*+!701!23(91--!70\*7!%-!, 51B!-%&2+8!619\*5-1!7018!\*31!701!(!)+8!31&1, %1-!  
701!?!7\*71!9(5+, !61!1k21971, !7(123(>% , 1;D!  
! <R<!! b \*701C-!>;!`+, 3%, J1B!MEM!W;?;L<RB!LL" !^<R#0\_;!  
% <RE% 400!(3%\*7!LLESE0B!LL"SLR;!  
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% <R" % 23%\*7!LL" ;!U5, J1!e1)38! : 3%1) , +8!231-\*J1, !701! P ")KOL-!71-7% )!U>+-)%##% 9 0(\$FO>/O>B!" <"!  
: ;E, !"#B!00!^E, !H%3;!<R#"\_B!C3%7% )J!70\*7!701!?!5231&1!H(5374-! =, 19%-% (!)-!9\* )!61!A%3+8!-5&&\*3!I1, !  
\*-!0(+, % ) J!70\*7!701!31N5%31, !, 1J31! (A!23(91, 53\*+! -\*A!J5\*3, -!>\*3%1-!, %3197+8!C%70!701!%&2(37\* )91! (A!  
701!23%>\*71% ) 7131-7!\*AA1971, !\* ) , !701! 11, !A(3!\* ) , !5-1A5+)1--! (A!701!2\*37%95-\*31-\*A!J5\*3, % ) !701!J%>1)!  
9%395&-7\* ) 91-! \* ) , !% ) >13-1+8!C%70!701!653, 1) \* ) , !\* ) 8! (7013!\* , >13-1!9(!)-1N51)91-! (A!\*AA(3, % ) J!%7;D!  
! <R0! V%+6137!>;! e (&\*3B! "E]!W;?;!REMB!RL]!^<RR#\_! : 1, ;! ' 12(-7!F)-;!H(;!>;! b \*+1)B!MYO!W;?;!  
ELJ!B!EMJSM<!^<RYY\_;!  
% <R#% I(IFO>B! "E]!W;?;!?!RLJ]!-00"l-+!n% ) 13& (!)>;!Z%390B!MRM!W;?;<<LB!<EY!^<RRJ\_!^9(+197% )J!  
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J (>13) & 1) 7 % ) 7 1 3 1 - 7 ! , 1 & \* ) , % ) J ! 2 3 ( & 2 7 ! \* 9 7 % ( ) ! % - ! \* 9 9 ( & 2 \* ) % 1 , ! 6 8 ! - 5 6 - 7 \* ) 7 % \* + ! \* - - 5 3 \* ) 9 1 ! 7 0 \* 7 ! \* ! , 1 2 3 % > \* 7 % ( ) ! % - ! ) ( 7 ! 6 \* - 1 + 1 - - ! ( 3 ! 5 ) C \* 3 3 \* ) 7 1 , ; < ^ R Y !

m 3 1 S , 1 2 3 % > \* 7 % ( ) ! ) ( 7 % 9 1 ! & \* 8 ! \* + - ( ! 6 1 ! 1 k 9 5 - 1 , ! % ) ! - ( & 1 ! 9 % 3 9 5 & - 7 \* ) 9 1 - ; < ^ R R ! !  
\$ 0 1 ! ? 5 2 3 1 & 1 ! H ( 5 3 7 ! C 3 ( 7 1 ! % ) ! U @ 0 \$ ) 0 - % # % % 4 K 0 # ( \$ ! 7 0 \* 7 ! 1 k 7 3 \* ( 3 , % ) \* 3 8 ! - % 7 5 \* 7 % ( ) - ! 9 ( 5 + , ! d 5 - 7 % A 8 ! 2 ( - 7 2 ( ) % ) J ! 6 ( 7 0 ! ) ( 7 % 9 1 ! \* ) , ! 0 1 \* 3 % ) J B ! 6 5 7 ! 7 0 ( - 1 ! - % 7 5 \* 7 % ( ) - ! & 5 - 7 ! 6 1 ! 7 3 5 + 8 ! 5 ) 5 - 5 \* + ; ^ E 1 1 ! ! \$ 0 1 ! H ( 5 3 7 ! 3 1 9 ( J ) % I 1 , ! % ) ! U @ 0 \$ ) 0 - ! 7 0 \* 7 ! 2 3 ( 2 1 3 7 8 ! & \* 8 ! 6 1 ! - 5 & & \* 3 % + 8 ! - 1 % I 1 , ! 7 ( ! 9 ( + + 1 9 7 ! 7 \* k 1 - B ! 7 ( ! & 1 1 7 ! 7 0 1 ! ) 1 1 , - ! ( A ! C \* 3 ! 1 A A ( 3 7 - B ! 7 ( ! 2 3 ( 7 1 9 7 ! \* J \* % ) - 7 ! 6 \* ) K ! A \* % + 5 3 1 B ! \* ) , ! 7 ( ! 2 3 ( 7 1 9 7 ! 7 0 1 ! 2 5 6 + % 9 ! A 3 ( & ! & % - 6 3 \* ) , 1 , ! , 3 5 J - ! \* ) , ! 9 ( ) 7 \* & % ) \* 7 1 , ! A ( ( , ; ^ E 1 < ! ! F 7 ! + \* 7 1 3 ! 0 1 + , ! % ) ! ' " / 0 > + R 7 + / 0 3 + % # % % Q 0 " > - + \$ % T " D K ) % / 0 " - ( \$ / % ' + d ! 7 0 \* 7 ! - 1 % I 5 3 1 ! ( A ! 2 3 ( 2 1 3 7 8 ! 5 - 1 , ! 7 ( ! A \* 9 % + % 7 \* 7 1 ! 9 3 % & 1 - ! % - ! \* + - ( ! \* ) ! 1 k 7 3 \* ( 3 , % ) \* 3 8 ! - % 7 5 \* 7 % ( ) ! C 0 1 3 1 ! 2 3 1 S - 1 % I 5 3 1 ! ) ( 7 % 9 1 ! % - ! ) ( 7 ! 3 1 N 5 % 3 1 , ; ^ E 1 E

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H(537!319(J)%I1, !%)! '()\*+,%!+-%. \$/010-%#00A "#(3!70\*7!7!C(5+, !61!%&2(--%6+1!  
A(3!\*9%78!7(!1)A(391!2\*3K%)J!35+1-!%A%7!C\*-!31N5%31, !7(!23(>% , 1!23!S, 123%>\*7%(!  
01\*3%)J-!61A(3!7(C%)J!>10%9+1-;<sup>E<N</sup>!!H%395%7!9(537!9\*-1-!0\*>1!9(-%-71)7+8!01+, !  
70\*7!\*!01\*3%)J!%-!) (7!31N5%31, !61A(3!\*)!5)+\*CA5+8!2\*3K1, !9\*3!&\*8!61!7(C1, !  
A3(&!\*!256+9!3%J07S(ASC\*8;<sup>E<O</sup>!!\$01-1!-%75\*7%()-!\*31!0(C1>13!, %-7%)J5%-0\*6+1!  
A3(&!%&2(5), &1)7!(A!>10%9+1-!A(5), !(!)23%>\*71!23(21378!C0131!9(&&5)%78!  
9\*317\*K%)J!9(-%, 13\*7%()-!&\*8!)(7!61!%&2+%9\*71, ;<sup>E<#</sup>!

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U@0\$)0-%#00 4K0#(\$!1k9127%(!)A(3!1k73\*(3, %) \*38!-%75\*7%()-;<sup>E<Y</sup>!!F)!M>0")K%#00  
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-%7%-A%1, ;!! : %3-7B!701!7(C%)J!%-!)191--\*38!7(!23(7197!701!%)7131-7!(A!+(9\*+!  
J(>13)&1)7-!%)!31J5+\*7%)J!701!5-1!(A!701%3!-73117-!\*) , !(7013!256+9!2+\*91-;!!

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a 7013-!57%+% I1!701!P ")KOL-##%% : l3>(3/0!9(-7S61) 1A%7!71-7;<sup>EE</sup>1!!\$01!9(537!%)!  
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a )!701!61) 1A%7!-%, 1!(A!701!+1, J13%)!70%-!9\*-1B!701!A%3-7!70%)J!7(!61!)(71,!  
%-!70\*7!701!23(21378!%)7131-7!%-!\*!-+%J07!()1;!F7!%-!) (7!701!9\*3!%7-1+A!657!701!5-1!

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213&\* ) 1) 7+8!, 123%>%) JD!0(&1+1--!213- ( ) -!(A!701%3!23 (21378;<sup>EE0</sup>!!F7!%-!70131A(31!  
5)9+1\*3!C0!70131! ! "#"\$%&'( +, !0\*>1!1k95-1, !1%7013!231S, 123%>\*7% ( ) ! ) (7%91! (3!  
01\*3%) J! % ) ! \*99(3, \*) 91! C%70! 701! 9(5374-! (7013! 7(C%) J! 23191, 1) 7-! %A! \*! 2(-7S  
, 123%>\*7% ( ) ! 23(21378! 319(>138! 23(91--! 0\*, ! 611)! 23(>%, 1, ;, <sup>EE#</sup>! ! \$0(-! 1!  
23191, 1) 7-! &\*8! ) ( ) 1701+1--! 61! % ) -73597%>1, <sup>EEY</sup>!

G%) 70! H%395%7! 7(C%) J! 23191, 1) 7-! , %AA131) 7%\*71! 617C11)! -%75\*7% ( ) -!  
d5-7%A8%) J! % &&1, %\*71!\*97% ( ) ! \* ) , !70(-! 70\*7! &% J07! ) (7; <sup>EEER</sup>!!\$019(537%) ! ' 10C0\$)%  
#% ' ( ) \*% +, % I 10\$3 " 10! , %-7%) J5%-01, ! -%75\*7% ( ) -! % ) > ( + % ) J! % + 1J\*+8! 2\*3K1, ! 9\*3-!  
A3( &! 70(-! % ) > ( + % ) J! 9\*3-! 70\*7! \*31! + 1J\*+8! 2\*3K1, ;, <sup>EL1</sup>!! \$01! 9(537! C3(71! % ) !  
4)\*BC"\$S\$% #% ' ( ) \*% +, % 4"\$S% U>"\$D(-D+! 70\*7! =j7101! @1k73\*(3, %) \*38! -%75\*7% ( ) 4!  
-7\* ) , \*3, ! d5-7%A8%) J! % &&1, %\*71! 31& (>\*+! C%70(57! 23(3! ) (7%91! \* ) , ! 01\*3%) J! % -!  
9+1\*3+8! - \*7%-A%1, ! % ) ! - (&! 9%395&-7\*) 91-! ^\*! >10%9+1! 6+(9K%) J! \*! 65-8! -73117!  
, 53%) J! 9( &&57%) J! 0(53-B! A(3! 1k\* & 2+1\_! ;! ;! ;! ;! F) (7013! 9%395&-7\*) 91-! 701! ) 11, !  
A(3! -5&&\*38!\*97% ( ) ! % -! ) (7! - ( ! 9+1\*3; D<sup>EL<</sup>!!F7! -%&%+\*3+8! 1k2+\*%) 1, ! % ) ! P (> "\$3 "%#%  
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70131! % -! ) ( ! % 91) -1, ! , 3% > 13! ;! ;! ;! 231-5&\*6+8! C(5+, ! ) (7! 31N5%31! 231S  
, 123%>\*7% ( ) ! ) (7%91! \* ) , ! \*! 231S-1% I531! 01\*3%) J! 619\*5-1! 701! 653, 1) (A! -590(91, 531-! C(5+, ! >%7%\*71! 701! +1J%7%&\*71

F&2(5), &1) 7-! % ) ! -590! 9\* -1-! \*31! +%K1+8! d5-7%A%1, ! 68! 701! ) 11, ! 7(! 31-2( ) , !  
&% &&1, %\*71+8! 7(! 701! 0\*I\*3, ! (3! 256+9! -\*A178! 7031\*7! 9\*5-1, ! 68! 701! + (9\*7% ( ) ! (A!  
701! >10%9+1-B! C0%90! C(5+, ! 61! % ) 9( &2\*7% 6+! C%70!\*! 31N5%31&1) 7! (A! ) (7%91! \* ) , !  
\*! 01\*3%) J! 61A(310\* ) , ;

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H(-1N51)7+8B!70131!&\*8!) (7!61!\*!()1S-%I1SA%7-S\*+!, 51!23(91--!71-7!A(3!  
, 1\*+%!)J!C%70!0(&+1--!213-()-4!23(21378;!!F7!&\*8!, 121), !52()!70!12\*37%95+\*3!  
-%75\*7%()!\*) , !70!1256+%9!)7131-7!70\*7!%-!%&2+%9\*71 , ;!

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213-()-4! 23(21378! 9\*-1-! [ ^<! \*6\* ) , ()1, ! 23(21378<sup>bEL</sup>! ^E\_! 23(21378! 70\*7!  
(6-73597-1(701315-1-!(3!2(-1-!-(&1!-(37!(A!0\*I\*3, !(3!7031\*7!7(!256+%9!-\*A178<sup>bELM</sup>!  
\*) , ^L\_!23(21378!70\*7!A%7-!%)! 1%7013!(A!70(-1!9\*71J(3%1-!657!)()1701+1--!%-!K127!  
(3!+1A7!%)!>%(+\*7%!) (A! \*! 31J5+\*7(38! 23(0%6%7%() ;<sup>EL</sup>!! ' 51! 23(91--! -0(5+ , !  
)()1701+1--!61!\*--1--1, !()!\*9\*-1S68S9\*-1!6\*-!%-(!)!70!17(7\*+!9%395&-7\*)91- ;<sup>EL0</sup>!  
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, (567!1k%-7-!31J\*3 , %)J!70!1-7\*75-!(A!\*)%71&B!%7!-0(5+ , !61!731\*71 , !\*-!) (7!0\*>%)J!

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' %-7;!Z5-;!F&23(>1&1)7! ' %-7;!B!G(!;HhS<MS#LMM!m?V!^ / U Q k\_!^H; ' ;!H\*+;! b \*3;<!"B!E]<#\_B!` H` !G(!  
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Q \*-0;!a97;!MB!E]<#\_B" , E3%-@F!\$+C!Q %++-!>;!H%78!(A! ?1\*77+1B!G(!;<YSL" ] "Lb!E]<R!QX!OMMERER!^R70!  
H%3;!G(> ;!ER!E]<R\_!f5--1+!>;!H%78!(A! e () (+5+5B!G(!;<LS] ]M#!"X` \ S f Xmb!E]<L! QX!OEEE#<MB! \*7!  
. #S<E!^ ' ;!e \*C;!G(> ;!ER!E]<L\_ ;!  
% EL" % 400! b %3\*+!1!>;!H%78!(A! a \*K+\* ) , B!G(!;<YS9>S]OYELSe ?V!B!E]<Y! QX!O<RRRERB! \*7! .L!^G; ' ;!  
H\*+;!G(> ;!EY!E]<Y\_!^ (3 , 13! , 1)8%)J!&(7%()!A(3!231+%&%) \*38%)d5)97%()\_!?!?5++>\*)>;!H%78!(A!Z13K1+18B!  
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a99528! e () (+5+5!>;!H%78!(A! e () (+5+5B!G(!;H%>;!<ES] ]O0Y!U b ?B!E]<L! QX!EEY"<] ]B! \*7! . <SEB! . "S#!  
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%&2(5), &1)7B!(3!, %-9\*3, ;<sup>EME!</sup>  
/ )! \*771&27! 7(! 23(>%, 1! 231S, 123%>\*7%()- ) (7%91! -0(5+, ! ) ( ) 1701+1--! 61!  
\*771&271, !C01)!, 1\*+% ) J! C%70! \*22\*31)7+8!\*6\*), ( ) 1, !23(21378!%)! ) ( ) S53J1)7!  
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-%75\*7%()-B! 231S-1%I531! ) (7%91! %-! A1\*-%6+1! \*), ! 9()-%-71)7! C%70! 701! 256+%94-!  
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256+%9!-\*A178!\*31!9%395&-7\*)91-!C0131!701!256+%94-!)11, !A(3!%&&1, %\*71!\*97%(!  
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&(31!-13%(5-!23(6+1&! , 1>1+(2-;<sup>E#</sup>!! \$01!71-7!%-!=31\*-() \*6+1)1--!5) , 13!701!  
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/ !9%78!0\*-!\*!)%&2(37\*)7!256+%9!01\*+70!31-2()-%6%+78!7(!K112!256+%9!\*31\*-!  
9+1\*)! \*) , ! 5)9+577131 , ;<sup>E#E</sup>! ! =h 138! 5)-\*)%7\*38! 9() , %7%()-! 9\*)! , 1>1+(2!  
N5%9K+8!;!;!D!%A!\*31\*-!\*31!) (7!31J5+\*3+8!K127!9+1\*) ,<sup>E#L</sup>!!h%(+\*7%()!(A!\*!23(21378!  
-7(3\*J1!23(0%6%7%()!%-!\* ) \*+(J(5-!7(!+1\*>%)J!\*!>10%9+1!%)!\*)! (!2\*3K%)J!I()1B!  
\*) , !70131!%-!-&\*+!3%-K!(A!\*!)133()1(5-! , 1713&%) \*7%() !70\*7!23(21378!%-!%+1J\*+8!  
-7(31 , B!619\*5-1!701! , 1713&%) \*7%()!-!231778!957!\* ) , ! , 3%1 , ;<sup>E#M</sup>!!\$01!23(91 , 53\*+!  
-\*A1J5\*3 , ! (A!\*!231S , 123%>\*7%()!01\*3%)J!C(5+ , !70131A(31!\*>137!A1C!133(3-;<sup>E#N</sup>!!  
: (3!23\*97%9\*+!2532(-1-B!701!9(-7!(A!-590!\*!01\*3%)J!C(5+ , !61!1+%&%) \*7%()!(A!  
23(21378!31&(>\*+!\*-!\*)!1AA197%>1!256+%9!01\*+70!\* ) , !-\*A178!31&1 , 8B!619\*5-1!%7!  
%-!5)31\*+% -7%9!7(!61+%1>1!70\*7!>%(+\*7%()-!9(5+ , !61!3197%A%1 , !61A(31!7018!619\* &1!

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LYL##YRB!\*7! . Y;!!\$01!9(537!%)! 8++B0>!A(5) , !70\*7!-1>1)78S7C(!^#E\_!0(53-!\* , >\*)91!) (7%91!-\*7%-A%1 , !  
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& (31!-13%(5-!23(6+1&-!%A!(AA1) ,%)J!23(21378!0\* ,!7(!61!+1A7!%)!2+\*91!21) ,%)J!  
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0\*>1! 611)! 31&(>1, ! 9\*)! 0(C1>13! 61! , 1>\*-7\*7%)JB! 1-219%\*+8! C01)! 701!  
31&(>1, ! 23(21378! %)9+5, 1-! &1, %9\*7%(!)-! (3! (7013! %71&-! )11, 1, ! A(3! , \*%+8!  
-53>%>\*+;<sup>E##!!</sup> aC)13-!31!23(71971, !68!, 51!23(91--!\*J\*%)-7!1>1)!+ (--!(A!5-1!(A!  
701%3!23(21378;<sup>E#Y!!</sup>F)!-%75\*7%(!)-!%)>(+>% )J!71&2(3\*38!, 123%>\*7%(!)(A!5-1B!=j7101!  
, 53\*7%(!)(A!\* )8!2(71)7%\*+8!C3(!)JA5+!, 123%>\*7%(!)(A!\*!23(21378!%)7131-7!%-!\* )!  
%&2(37\*)7! A\*97(3!%)! \*--1--%)J! 701! %&2\*97! (A! (AA%9%\*+! \*97%(!) (!)701! 23%>\*71!  
%)7131-7!%)>(+>1, ;D<sup>E#R!!</sup> b %7%J\*7%(!)&1\*-531-!\*31!70131A(31!%&2(37\*)7!7(131, 591!  
701!%&2\*97-!70\*7!23(21378!31&(>\*+!&\*8!0\*>1!52(!)%7-!(C)13;!! / , >\*)91!)(7%91!  
-\*A1J5\*3, -!\*)!(C)13!68!23(>% , %)J!C\*3%)J!\* , !\*)!(22(375)%78!7(!31&(>1!0%-!  
(3! 013! 23(21378! 61A(31! %7! C%+! 61! 7\*K1);<sup>EY1!!</sup>F)! \* , %7%(!)B! \*! 7%&1+8! 2(-7S  
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% E#0% ' ,!A "#(3B! "LY! W; ?; ! \*7! #<R! ^-7\*7%)J! C%70! 31-2197! 7(!\*! 31N5%31&1)7! 70\*7! >10%9+1! 7(C%)J!  
01\*3%)J-!61!01+, !C%70%)!7!+1\*-7!A%>1!^" \_!, \*8-!A713!\*>10%9+1!C\*-!7(C1, !70\*7!=%!01\*3%)J!%-!%&2(--%6+1!  
%A!701!9%78!%-!7(!61!\*6+1!7(!1)A(391!701!2\*3K%)J!35+1-!;!;!;!D;!!\$01!H(537!%)!A "#(3!A(5) , !%7!C(5+, !61!  
%&2(--%6+1!A(3!X(-! / )J1+1-!7(!\*)5\*+8!-901, 5+1!<B] ]! (3!&(31!>10%9+1!7(C%)J!01\*3%)J-!C%70%)!?  
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, 123 % > \* 7 % ( ) ! ( 22 ( 375 ) % 78 ! 7 ( ! 319 ( > 13 ! 23 ( 21378 ! ( 3 ! ( 7013C % - 1 ! 61 ! 01 \* 3 , ! 31 , 591 - ! 701 ! + 1 ) J 70 ! ( A ! \* ) 8 ! , 123 % > \* 7 % ( ) ! \* ) , ! 23 ( > % , 1 - ! \* ) ! \* , , % 7 % ( ) \* + ! - \* A 1 J 5 \* 3 , ; <sup>EY<!!</sup> / ! 231S , 123 % > \* 7 % ( ) ! 01 \* 3 % ) J ! 70131A ( 31 ! - 0 ( 5 + , ! ) ( 7 ! 61 ! 31N5 % 31 , ! % A ! 31 \* - ( ) \* 6 + 1 ! 231S - 1 % I 531 ! ) ( 7 % 91 ! 0 \* - ! 611 ) ! \* 771 & 271 , ! \* ) , ! \* ! 23 ( & 27 ! 2 ( - 7S , 123 % > \* 7 % ( ) ! ( 22 ( 375 ) % 78 ! % - ! 23 ( > % , 1 , ! A ( 3 ! 319 ( > 138 ! ( A ! 23 ( 21378 ! 70 \* 7 ! 0 \* - ! 611 ) ! 31 & ( > 1 , ; <sup>EYE!</sup>

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2 5 6 + % 9 ! ) 1 1 , - ! \* 3 % - 1 , ^ L ! ! \$ 0 ( - 1 ! - % 7 5 \* 7 % ( ) - ! & 5 - 7 ! 6 1 ! 1 > \* + 5 \* 7 1 , ! 7 ( ! 1 ) - 5 3 1 ! 7 0 \* 7 [ ! ^ < \_ !  
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% - ! & \* , 1 ! 5 ) , 1 3 ! ) \* 3 3 ( C + 8 ! , 3 \* C ) ! - 7 \* ) , \* 3 , - ! 6 8 ! \* ! J ( > 1 3 ) & 1 ) 7 \* + ! ( A A % 9 % \* + !  
3 1 - 2 ( ) - % 6 + 1 ! A ( 3 ! , 1 7 1 3 & % ) % ) J ! 7 0 \* 7 ! 7 0 1 ! 3 1 & ( > \* + ! % - ! ) 1 9 1 - - \* 3 8 ! \* ) , ! d 5 - 7 % A % 1 , ; ^ L M ! ! F ) !  
\* , % 7 % ( ) B ! 2 ( - 7 S , 1 2 3 % > \* 7 % ( ) ! , 5 1 ! 2 3 ( 9 1 - - ! & 5 - 7 ! 6 1 ! 2 3 ( > % , 1 , ! % ) ! 5 3 J 1 ) 7 ! - % 7 5 \* 7 % ( ) - !  
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)!133()1(5-!,123%>\*7%(!&\*8!(9953B!\*),!701!>\*+51!(A!\* , %7%() \*+!(3!-56-7%7571!  
23(91,53\*+!-\*A1J5\*3,-T!^L\_!701!J(>13)&1)7\*+!%)7131-7!\*7!-7\*K1B!%)9+5,% )J!701!