

1\$*!.%/%-.\$!1<0>-((!(*%/!) *1\$*+1\$%*.!\$' 3%12*/>*0(*+%≠+ ' 1!'+!>' +1.*?: 1** +/!1' !1\$%!?' 2<!&!
B+') (%2, %!-.' : +2!1%->\$*+, !-+2!(%- .+*+, "!'F' 3%!&!1\$%/!&->: (1<!3%3?%. /!) *1\$!2*/>*0(*+-.<!%@0%.1*/%!
+!/>%+>≠3%2*>+*%! .!\$%-(!\$!0.' &%//** +/!3-<!/?!*+1%.%/1%2!*+!>%1.*&>-1%!0.' , -3/!' .!' 1\$%.!
' 00' .1: +1*%/!*+!1\$%!G%0-.13%+1!' &!H9#≠!?: 1!3' /!(*B%(<!) ' : (2!+' 1!\$-; %!-00' *+13%+1/!*+!1\$%!
2%0-.13%+1"!!

!

!
9+-: , : .-(!&->: (1<!3%3?%. /!) *((!/?%!/!(%>1%2!1\$. ' : , \$!-+!-00(*>-1** +!0.' >%//!-+2!-00' *+1%2!1\$. ' : , \$!
+' .3-(!*/+1*1: 1** +-(!0.' >%2: .%/!*+; ' (; *+, !1\$%!& &>%!' &!J->: (1<!K&&- ./"!K((!3%3?%. /!) &!1\$%!*+-: , : .-(!
&->: (1<!)*((!/?%!!%@0%>1%2!1' !>' 30(%1%!(' +, *1: 2*+-(!0.' &%//** +-(!(%- .+*+, !%@0%. *%+>%/!' &&%.%2!1\$. ' : , \$!
1\$%!2%0-.13%+1!-+2!2%3' +/1. -1%!>' 30%1%+>*/!.%(-1%2!1' !1\$%!1. -*+*+, "!"K((!&->: (1<!3%3?%. /!) *((!
2%; %(' 0!->1*; %!0.' , -3/!' &!*+; %/1*, -1** +!' .!0.' !%>1/!*+!' +%! .!3' &\$5(A) @-1(>1/!) -1(%) 1((-1(-1%) 1(2!) -1(1' !) 1(1: 2*)

!
!

9!!*/0' //*(%1\$-1!*+2*; *2: -(/!-00' *+1%2!*+1\$%!2%0-.13%+1!) *((!0-.1*>0-1%-!/*+/.: >1' .!/*+!/' 3!
*+/1*1: 1** +0) *2%!&->: (1<!2%; %(' 03%+1! &&*. *+, /"!

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!
9+>(: /*' +! &!T1%>\$+' (' , <U!*+1\$%!+-3%!(/' !->B+') (%2, %/!1\$%!/*, +*&*-->%!' &!-00(*>-1** +/!' &!
1%>\$+' (' , <!1' !54 !>%+1: .<!1%->\$*+, !-+2!(%-+. *+, "I9+!0-.1*': (-.≠1\$%!2%0-.13%+1! &!H9#!) *((!&' >: /!' +!
%&&%>1*; %!0.->1*>%/!&' .!' +(*+%!1%->\$*+, !-+2!(%-+. *+, ≠-+2!2*, *1-(!-00.' ->\$%/!' !2: >-1** +≠/: >\$!-/!1\$%!
2%; %(' 03%+1! &!+ ' ; %!(%-+. *+, !' ?!%>1/"!
!

!!

!
E' /1≠!&+! 1!-(≠&->: (1<!3%3?%. /!) *1\$!0.*3-.<!-00' *+13%+1/!' +1\$%!2%0-.13%+1!-(.%-2<!) *((!\$-; %!
/-(.<!/ : 00' .1!>' ; %.%2!?!<1\$%*. !%@*/1*+, !V-<(' .!%/0' +/*?(*1*%/≠/: >\$!-/!\$-; *+, !-!3-!-' .!' (%!*+!1\$%!
H2: >-1** +!0' .%!&' .!9+/.1.: >1** +-(!G%/*, +!: +2%.!1\$%!&&>%!' &!1\$%!R.' ; ' /1"J: +2*+, !' &!1\$%!2%0-.13%+1!
) *((!+ ' 1!-&&>1!>: ..%+!12*/1.*?: 1** +/!' &!#02' ((-./!1' !2%0-.13%+1/!' .!' 1\$%.!&: +2*+, !*+!/: 00' .1! &!1\$%!
%2: >-1** +!3**/"! +!"

!

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!
9!!*/!(B%(<!1\$-!13' /!&->: (1<!*+1\$%!G%0-.13%+1! &!H9#!) *((!2%3' +/1.-1%!%@%((%+>%!*+!%2: >-1** +!-/!
1\$%*. !0.*3-.<!-.%≠) *1\$!.%/-%->\$!C) \$*>\$!3*, \$1!*+>(: 2%!/>\$' (-.<!) ' .B!*+!%2: >-1** +D!-/!1\$%!/%' +2!
-.%-"!W' (%Q.%(%; -+1!, : *2-+>%!-+2!3%+1' .*, !) *((!?'!0.' ; *2%2!1' !2%0-.13%+1!&->: (1<!3%3?%. /!?'-%2!
' +!1\$%*.!-.->/' &!%@0%.1*%/≠/' !1\$-!-(!'+2*; *2: -(/!\$-; %!-+!: +2%/1-+2-?(%!0-1\$) -<!-+2!/1-?(*/\$!-+!
-00.' 0.*-1%!0->%!&' .!->-2%3*>!0.' 3' 1** +!-+2!' 1\$%.!.%>' , +*1** +!"

!

H@-30(%/!' &!. ' (%/!CT2-<!l' ?/UD!' &!0' //'?(%!&->: (1<!3%3?%. /!*+>(: 2%M%2: >-1** +-(!(-2%. /!) *1\$!
 /*, +*&>-+1!' (%/!l'+2*; *2: -(/*+!K2; -+>%2!#%>\$+' (' , <!0' .%!&->*(1**/!) \$' !2%; %(' 0!1' ' (!-+2!
 %2: >-1** +-(!.%/' : .>%/!.%(-1%2!1' !1\$%/!/%.; *>%/!0.' ; *2%2!?'<!1\$%*. !0' .%/!l'+2*; *2: -(/*) *1\$!. ' (%/!'+!-+!
 H2: >-1** +!0' .%!'. !' 1\$%.!%2: >-1** +-(!/%.; *>%!>' 33: +*1<!%2: >-1' ./!) \$' !2%; %(' 0!3' 2%/!(%-2*+, !1' !
 >' 33: +*1<*30->1/!l!>(*+>-(!' .!/>*>+%!%2: >-1' ./!) \$' !-.%!2%%0(<!%+, -, %2!*+!30.' ; *, !1%->\$*+, !-+2!
 (%-. +*+, !C->1*; %!(%- .+*+, =>: ..*>: (-. !2%/*, +&%; -(: -1** +&1>"DX!' .!>(*+>-(!.%/%- .>!)>' .2*+-1' ./!' &!(-. , %!
 />-(%!0.' , .-3/!) \$' !2%; %(' 0!+%) !0.' >%/!/!-+2!1' ' (/!&' .!>' 33: +*>-1** +!-+2!.%>.: *13%+1**!
 !

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#\$\$/%!-00' *+13%+1/!) *((!&' ((') !+' .3-(/*+/1*1: 1** +-(!0.' >%2: .%/!'+; ' (; *+, !1\$%! !&&>%!' &!J->: (1<
 K&&-./"!K00' *+13%+1!) *((!?'! 0%+!1' !*+2*; *2: -(/*) *1\$!%0%.1*/%!*+%2: >-1** +&/>*>+%&1%>\$+' (' , <!
 -00(>-1** +/!' .!\$%-(1\$!-+2!3%2*>+%&!) \$' !0-.1*>0-1%!'. !*+1%+2!1' !%+, -, %!*+!/: ?/1-+1*; %!%2: >-1** +-(!
 />\$' (-./\$*0!' .!*++' ; -1** +"!K00' *+1%2!&->: (1<!) *((!?'!%0%>1%2!1' !-11%+2!2%0-.13%+1-(!B+') (%2, %!
 /\$- .+ , !%; %+1/!C%2: >-1** +!/%3*+-./&1>"D!-+2!>' ((-?' .-1%!*+!2%; %(' 03%+1!' &!-1!(-/!' +%/!>\$' (-.(!
 0.' 2: >1!' .!(%- .+*+, !' ?!%>1!0%.!<%-. '!
 !

