



**B**

"#\$%&'\$\$('')%&\*!(%&#)'\$!  
+,-% /!"0,121003!4!56' &.' 1!7' &)' 1!  
8' 9!#, 1:;! ; <=; <>?!

**A**

**C D**

**A**

!5#' !@--0&=A' , -!" , ' 1=5#\$% !" #1\*/ , 1)=B' , )/' 1!7, 110--=C0/&!7/, -%D=

!

!

T)!/, \$!9' ' &!, &0)/' 1!\$#.. ' \$\$G#-!: ' , 1!%&!, 23%%\$%0&\$!Q%)/!OP' 1!]W<<!, 66-% , )%O&\$U!  
L1' \$%2' &)!M% G' &)/, -' 1!)/, &D' 2!)1#\$)' '\$!G01!)/' %!!, 2P0., . : !, &2!G01!)/' %!/' -6!%&!\*' ))%&\*!  
S#, -%G% 2!\$)#2' &)\$!%&!)/' !, 66-% , &!)600-U!!!

!

L1' \$%2' &)!M% G' &)/, -' 1!1' 601)' 2!)/, )!)/' 1' !%\$, !), \$DG01. ' !O&!. , 36#\$!-00D%&\*!, )!  
1')' &)%O&!, &2!\*1, 2#, )%O&!1, )' \$U!!!M/' !), \$DG01. ' !%\$. 0360\$' 2!OG!D' : !G, . #-): !, &2!  
, 23%&\$)1, )01\$!, &2!, !1' 601)!Q%-!9' !910#\* /)!G01!)/!)/%\$!\$#33' 1U!!!

!

M/' 1' !Q, \$!, -\$0!

!

E%P' 1\$%): !, &2!T&. -#\$%O&! .0&)%&# ' \$!)0!9' !, !D' : !%&)%% , )%P' !G01!)/' !. 0--' \*' !!801!)/' !G0#1)/!  
: ' , 1!%&! , !10Q≠301' !)/, &!; e f !OG!)/' !%&. 03%&\*! .-, \$\$!\$' -G4%2' &)%% \$!, \$!203' \$)% !)\$#2' &)\$!  
OG! .0-01!!@&0)/' 1!] f !, 1' !%&)' 1& , )%O& , -!\$)#2' &)\$!, &2!>>f !, 1' !G%1\$)4\*' &' 1 , )%O&! .0--' \*' !  
\$)#2' &)\$!@30&\*! . #11' &)\$!G , . #-) : ≡; ?Wf !%2' &)%: !, \$!G , . #-) : !OG! .0-01≠, &2!X<f !OG!G , . #-) : !  
/%1' \$!%&!)/' !6, \$)!)/1' ' !: ' , 1\$, 1' !6' 1\$0&\$!OG! .0-01!!M/' !R , -)0&!7/, --' &\*' !Q, \$!, -\$0!  
. 036-' )' 2!)/%\$!6, \$)! : ' , 1≠Q/% /!1, %\$' 2!g; >U? ( !G01!/%\*/4&' ' 2!01!G%1\$)4\*' &' 1 , )%O&!  
\$)#2' &)\$!≠, &2!1' \$#-' )' 2!%&!e?!&' Q!' &20Q' 2!\$. /0-, 1\$/%6\$!!@22%)%O& , --: ≡)/' !( I H!' P' &)\$!  
' , 1-% 1!%&!C , &# , 1: !Q' 1' !, !/#\*' !\$#.. ' \$\$!Q%)/!, !\*1' , )!)#1&0#)!!  
!

L1' \$%2' &)\$!M% G' &)/, -' 1! .-0\$' 2!/' 1!1' 601)!9: !\$/ , 1%&\*!)/, )!\$/' !), #\*/!)!, \* , %&!2#1%&\*!' -0. D!  
e!, &2!)/, )!%Q, \$!Q0&2' 1G#-!)0!9' !1' 3%&2' 2!OG!)/' !60Q' 1!OG!0#1!9-0. D!6-, &!!

**D**

E' , &!R0&\*!1' . 033' &2' 2!G%P' !, \$\$%) , &!)610G' \$\$01!G01!)' &#1' !, &2!61030)%O&! , &2!0&' !  
, \$\$0. % )' !610G' \$\$01!G01!)' &#1' !, &2!61030)%O&!!5/' !1' . 033' &2' 2!)' &#1' !, &2!  
61030)%O&!0!G#--!610G' \$\$01!G01!C%3!L, 1. 0≠K. 0&03% \$!, &2!" #\$\$&' \$\$!, &2!)' &#1' !, &2!  
61030)%O&!0!, \$\$0. % )' !610G' \$\$01!G01!@&21' , !" 1#2' 1≠( , )/' 3 , )% \$!, &2!7036#)' 1!  
5. % & . ' !E , &% -!@110: 04F021%\*# ' J≠56 , &%\$/!, &2!L01)#\*# ' \$' !7, 11% !F#%J≠56 , &%\$/!, &2!



!

M/' !, 6610P, -!0G!/' !)\$#2' &!)1#\$)' '!' -' .)' 2!9: !)/' !)\$#2' &!902: !'^ %) /' 1!5, 3, &)/, !  
5, .. 03, &&0Y!@%2' &!@. S#%\$)0!01!( , : \$\$!@-!@-, 3%\_!Q, \$!\_\_\_\_\_

U!!

!

I%G' !1#\$)' ' !2' \$\*% &, )%0&!G01!R%-%, 3!7, 369' --!]?]!, &2!C, &' !F, Q-%&\*\$!\] <!Q, \$\_\_\_\_\_

U!!

!

7/, %1!" #1\*/ , 1)! , -\$0!%&2% , )' 2!)/ , )!)/' 1' !Q0#-2!9' !, !P0)' !0&!)/' !9: - , Q! . / , &\* ' !2#1%&\*!  
)/' !, . )%0&!%)' 3\$U!!5/' !. -0\$' 2!/' 1!1' 601)!9: !\$), )%&\*!)/ , )!)/' !Z0P' 1& , &' !7033%)' ' !  
Q0#-2!%36-' 3' &! ' c%)!%&)' 1P% Q\$!Q%) /!)/' !0#)' \*0%&\*!\$)#2' &!)1#\$)' ' !U

!

**B**

7/, %1!C, . D!R0-2!\$/ , 1' 2!)/ , )!)/' !@#2%)!\$#9. 033%)' ' !3' )!0&!M/#1\$2, : !, G)' 1&00&! )0!  
2%\$. #\$\$!)/' !HF77!, #2%)=, &2!)/ , )!)/' !, #2%)!6, \$\$' 2U!!

!

E#1%&\*!)/' !" #2\*' )!3' ' )%&\*!1#\$)' ' \$!. 0&\$%2' 1' 2!)/' !1' . 033' &2, )%0&!G103!L1' %\$2' &!)  
M%' G' &)/ , -' 1!, &2!)/' !7, 36#\$\$! " #2\*' )!7033%)' ' ! )0!\$' )! )#%)%0&!, &2!G' '\$!G01!)/' !; <>?4>]  
, . , 2' 3% !: ' , 1!, )!ge<=Wi ; U!801!)/0\$' !-P%&\*!0&!. , 36#\$\$!)/' !. 0361' /' &\$%P' !G' ' !Q0#-2!9' !  
g?; =e?<=Q%) /! , !\$), &2, 12!20#9-' !1003!1, )' !0G!g?;= < ; !, &2!)/' !3' , -!6-, &!7!1, )' !0G!  
gX=]??U!M/%\$!1' . 033' &2, )%0&!Q, \$!, -\$0!1' P% Q' 2!, &2!2%\$. #\$\$' 2!, )!-' &\*) /!2#1%&\*!)/' !  
M1#\$)' ' \$!" #2\*' )!7033%)' ' !3' ' )%&\*!%&!C, &#, 1: U

!

**B**

7/, %1!B' , )/' 1!7, 110--!\* , P' !, !P' 1: !91% G!1' 601)!9' . , #\$\$' !30\$!)1#\$)' ' \$!, ))' &2' 2!)/' !  
. 033%)' ' !3' ' )%&\*U!M/' !3, d01%): !0G!)/' !3' ' )%&\*!Q, \$!G0. #\$\$' 2!0&!, !61' '\$' &), )%0&!0G!)/' !  
&' Q! , \$)! , 36#\$\$! /0#\$\$%&\*!610d' . )U!!M/' !" ZkT!7033%)' ' !, 6610P' 2!)/' !6-, &! , \$!  
61' '\$' &)' 2U!!

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B' !, -\$0!1' 601)' 2!)/, )!)/' !