





!

M;) N04, (7''B4%(0)

4')-#.8/'-(% + '--()94 5 A% ')(%+#.)0\$.0&#. %&')-#./(\$%01%\$0/#2%0)%/#P8#2%+ '--()8\$&(&, 2(2%#, %  
-''(%'#)K%J-\$%\$08).(\$%.' ,%@(%, '-8)')/%0)% ', -'')0&06(, #.K%J-%'' '\$% '#6, #1#. ', -%#+&' .-%0, %@0-''%  
./#+ '-(%' , 2%&)(. #&#- '#0, ;% ' , 2%-''(10)(%'' '\$%@0-''%(' /-''% ' , 2%\$0.#' /% .0\$-\$K%J, %&')-#.8/');%#-%  
'11(.-\$%-''(% '+08, -%01%# , .0+#, 6%\$0/'%))'2#'-#0, % ' , 2%08-60#, 6%-())(\$-)#'/%)'2#'-#0, K% !''(%  
.0')\$(%&')-#./(\$%.' , %''B(%'2#'+ (-)%@(-H((, %CKN% ' , 2%ED% +#. )0+ (-)\$%9Q+A%94 5 10A% ' , 2%  
')(%>, 0H, %0%@(('%B()3%''')+18/%10)+%01%#)%&0/8-#0, %6#B(, %-'(#)%'@#/#-3%-0%&(, (-)'-(%#,-0%  
-''(% /8, 6\$% ' , 2% @/002% \$-)' +\$% ' , 2% . '8\$(%)((\$&#)'-0)3% ' , 2% ''(')-% 2#\$( '\$(\$% '\$% H(/% '\$%  
&)(+ '-8)(%2(' -''K%R')#08\$% .08, -)#(\$% ''B(%-'(10)(%\$(-/#+#-\$%10)%&')-#.8/)'\$%#, %-'(%'#);%

!

T'B((,%,2%:,8%9CDE`A%\$-82#(2%'#)%P8'/#-3%#,%J,2#'8\$#,6%:\_J5:;%\$('\$0,'/%:\_J5:%  
9U:\_J5:A%',2%0-"()"+02(/\$X%4',%,2%L"(,%9CDDbA%#\$%0,(%01%-"(H%\$-82#(\$%8\$#,6%/0,6G  
+(+0)3%:8-0\_(6)(\$\$#B(%\))'-.#0,'/%J,-(6)'-(2%50B#,6%:B()'6(%9:\_\J5:A%+02(/\$%10)%  
'#)%&0//8-#0,%2'-'%9

G;) \* &40(7(\$(#5)

: \$

-"(% SU% 74 : % \$-' ,2')2% 9S ,#-(2% U-'-(% 7 ,B#)0 , +( ,-'/% 4)0-(.-#0,% : 6( ,.3AK% U&(.#1#. '//3;%  
H(% 8\$(% 2' #/3% 2'- '% 10)%-"(% &' \$-% `% 3(')\$% 9CDEFGCDCDA%.0 ,.() ,# ,6% (#6"-% 78)0&(' ,% . '&#-'/\$c%  
: +\$-( )2' + ;% <()/# ,;% < )8\$\$(/\$;% = (/ \$# ,>#;% ?0 ,20 ,;% ?8\*( +@08)6;% 5 '2)#2% ' ,2% 4')#S% !"(%  
\$( )#(\$% )(&)( \$ ( ,-\$%

H"()(%3%\$-',2\$10)%4510#,%('."%78)0&(',%.'&#-'/%#,%-8),I<#%\$-'(%@'.>\$"#1-%0&()-0);%  
' ,2%\*%#%' ,%J92A%&)0.(\$%\$8."%-''-'-%"(%())0)-(+%8%#%\$%J9DAI%-(%2#-\$-8)@' ,.(\$%')(%'\$S\$+(2%  
-0%10//OH% 'H%#-(,%0#\$(%9\$((! '@/(\$%C%' ,2%OA%' ,2%' ,%'8-0.0))(/'-(2%&)0.(\$%9\$((! '@/(\$%F%  
' ,2%NA%#,%-8),;%H"()(%-'(%/'--(%)#%\$+02(//(2%8\$# ,6%-'(%(\*&0,(,-#'/%\$&(-)'/%1)' +(HO)>%01%  
</00+1#(2% 9EW`OAK% J,% '//' . '\$(\$% H(% 2#&/'3% -"((\$-#+ '-(2% B'/8(\$% 01% 2% 9' ,2% -'(#)%  
'\$0.#'-(2%WNq%.0,1#2(,.(%@' ,2\$A%10%-' )((%2#11)(,-%\$&(.#1#.'-#0,%\$c%9#A% ,0%2(-)+#,%\$-#.%  
-)+\$%#,%9EA;%#K(K;%H(%#+&0\$(%-'(%)(%)\$-#.-#0,%r%f%#%f%D%9-'(%)(%)\$8-\$%10%)-"#%\$. '\$(%')(%  
)(&0)-(2%#,%-'(%\$(.0,2%.0/8+,%#,%!'@/(\$%C%' ,2%FAI%9##A%' ,%#,-).(&-%0,/3%9\$((-'(%-")2%  
.0/8+,%#,%@0-'%'@/(\$AI%9###A%' ,%#,-).(&-%' ,2% '%/#,(%)#-+(-)(,2%9\$((-'(%108)-"% .0/8+,%  
#,%@0-'%'@/(\$AK%'! "((\$-#+ '-(2% B'/8(\$% )(&0)-(2% #,%@0/2% #,%-'(\$%-'@/(\$%')(%-'0\$(%  
.0))(\$&0,2#,6%-0%08)%&)(1())(2%\$&(.#1#.'-#0,;%H"#."%"'\$%@((,%\$/(.-2%0,%-'(%@'\$%\$%01%-'(%  
\$-'-\$-#.'/%\$#6,#1#.' ,.(%01%-'(%)(6)(\$0)\$K%

)

**RS : / 6L@G) : >QP) : / T1S)ULVLW)**

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j "(,% '\$S\$8+#,6%-'-'-8%#%\$%'H%#-(,%0#\$(;%-'(%#,-).(&-%#%\$%108,2%-0%@(-%'(%0,/3%  
\$#6,#1#.' ,-%2(-)+#,%\$-#.-(-)+#,% '//' . '\$(\$%I%-'(%(\$-#+ '-(2%B'/8(\$%01%2%' )(%#,%-'(%#,-)B'/%  
9D;%EA;%H"#."%#+&#(\$%/0,6%+(+0)3%' ,2%1)' .-#0, '/%#,-(6)'-#0,K%!"(3%)' ,6%@(-H((,%DKOW%  
9 : +\$-(2)' +A%' ,2%DKXC%95'2)#2AK%\0)% : +\$-(2)' +;%-'(%B'/8(\$%')(%'//H%#-#,%-'(%\$-#0,')3%  
)' ,6(%92%g%DKNAI%10%)<)8\$\$(/\$;%?0,20,;%4')#%' ,2%?0,20,;%-'(3%')(%)08,2%-'(%\$-#0,')3%  
@08,2')3%92%f%DKNA;%H"#/(,%0,GS-'-#0,')#-3%92%i%DKNA%#%\$%108,2%#,%-'(%.'\$(%01%=(/\$#,>#;%  
<()/#,%',2%5'2)#2K%

%

**RS : / 6L@X) : >QY) : / T1S)ULVLW)**

%

!

j "(, % '//OH#, 6% 10)% '8-0.0))(/'-#0, % 9! '@/(\$ F% ', 2% NA% -" (% -# + (% -)(, 2% '&&(')\$ -0% @( %  
, (6'-#B(% ', 2% \$- '#\$-#.' //3% \$#6, #1#. ', -% #, % -" (% . '\$ (% 01% <)8\$\$(/\$; % <())/#, % ', 2% 4')#%; H"#. "%  
+#6"-%)1/(.-% -" (% ', -#G&0//8-#0, % &0/#.#(\$% '20&-(2% #, % -" (\$ (% -" )((% . '#- /\$K% J, % &')-# .8/'); % '%  
/OH% (+#\$#0, % VO, (% 9?7 ]A% H'\$% (\$- '@/#\$" (2% #, % -" (% <)8\$\$(/\$% ) (6#0, % H#- "% -" (% '# + % 01%  
+ ((-# , 6% -" (% 78)0&(' , % '#)%P8' /#-3% \$- ', 2')2\$% ', 2% (+#\$#0, % . (#/#, 6\$I% #, % <())/#, % -" (% Y() + ', %  
L/# + '-( % : .-#0, % 4/ ', % CDND% # \$% @ (#, 6% # + & / ( + ( , -(2% -0% .0, -)0/ % '#)%&0//8-#0, % @3%/ '3#, 6% 20H, %  
(, B#)0, + (, -' /% P8' /#-3% \$- ', 2')2\$% ', 2% (+#\$#0, % ) (28.-#0, % ) (P8#) ( + ( , -\$I% ' % ? 7 ]% @ '\$ (2% 0, %  
78)0% , 0) + % B ("# . / ( % . / '\$ \$ # 1# . ' -#0, % " '\$ % ' / \$ 0 % @ ( ( , % # , -) 028. (2% #, % 4') # \$ K %

!" (% (\$-# + '-(2%B' /8 (\$% 01% 2% ' ) (% 0, . ( % + 0) (% #, % -" (% #, -) B' /% 9D; % EA; %





V&=&,&0B&3)

:@)#-#;% 5K;% ?K:K% Y#/G:/',';% eK% ?0B.'''',2% :K% 5 0)(,0% 9CDE`A% !()+% \$-).8.-8)(%  
&())\$#\$(,.(;%^08),'/%01%\#,'',.#'/%7.0,0+(-)#.\$%EF;%OOEGONCK%

%  
: ,2()\$0,% =\_% 40,.(%2(%?(0,% :;% 5 ')#-G</' ,2%^;% <0H(%^KUK;%U-)'.'',% Z4%9EWWXA :#)%  
&0//8-#0,% ',2%2'#/3#+0)-'/#-3%#,% ?0,20,c%EWb`GWC;%< 5 ^%OECcXXNGXXWK%  
"--&ckk20#cEDKEEOXk@+a%KOECK`DOCKXXN%

%  
:->#,\$0,% \_ j ;% : ,2()\$0,% =\_%U-)'.'',% Z4;% </' ,2%^ 5 ;% <)(+ ,())U :;% 40,.(%2(%?(0,% :;%  
9EWWWA%U"0)-G-()+% '\$\$0.#' -#0,% \$%@(-H((,%08-200)%'#)%&0//8-#0,% ',2%B#\$-\$-0%''.#2(,-,% 2%  
(+())6(, .3%2(&' )-+ (,-\$%#,% ?0,20,% 10)%(\$&#)'-0)3%.0+&/'#,-\$%78)%\_(\$&#)%^EO9CAcCN` t  
CXNK% "--&ckk20#cEDKEEbOkDWOEWOXKWWKEOCCN` W%

%  
<' )0\$;% Lk4k;% ?K:K% Y#/G:/',' ,2% \K% 4)(V%2(%Y)' .#'%9CDEXA;%U- '#0,')#-3%' ,2%/0,6%)' ,6(%  
2(&(& ,2(,.(% 01% .')@0,% 2#0\*#2(% (+#\$#0,\$K% 7B#2(,.(% 1)0+% 2#\$'66)(6'-(2% 2'-';%  
7,B#)0,+(,-'/% ',2%\_(\$08).(\$%7.0,0+#.\$%XO;%E;%FNGNXK%

%  
<8,2(;% :K% 9CDE`A;% ?0,6G-()+% +(+0)3%#,% #/#+ '-(c% Z(-.-#0,;% (\*-)(+ (% B(-,\$% ' ,2%  
\$#6,#1% .',.(% 01% -)(,2\$;% L''&-)%EE%#,% T0,/#,(')% ',2% U-0.' '\$-#.% L/#+ '-(% Z3, '+#.\$;%  
(2#-(2%@3%L'')#\$-#',% ?K7K%\)',V>(%',2% !)(,.(% [ud',(%L'+@)#26(%S,#B)\$#-3%4)(\$\$

%  
\)',V>(% LK% 9CDECA;% T0,/#,(')% -)(,2\$;% /0,6G)' ,6(% 2(&(& ,2(,.(;% ' ,2% ./#+ '-(% ,0#\$(%  
&)0&()-#(\$%01%\$8)1' .(%-(+&())'-8)(;%!'#\$%&'(')(\*+',&-.;%CN9ECA;%FE`CtFEBOK%  
!

Y')2,()) 5 j ;% Z0)/#,6%U\_%9EWWWA% T(8)'/%,(-H0)>+ 02(//#,6% ',2%&)(2#.-#0,% 01%"08)/3%  
T [ \*% ',2%T [ 2%.0,.(,-)'-#0,\$%#,% 8)@',%#)%#,% ?0,20,K% : -+0\$7,B#)0,%00c`DWG`EWK%  
"--&Sckk20#k0)6kEDKEDEXkUEONCGCOED9WbADDCODGE%

%  
Y#/G:/',';% ?K:K% 9CDDNA;% U-'#\$-#.' /% +02(//#,6% 01% -"(% -(+&())'-8)(\$% #,% -"(% T0)-"(),%  
" (+#\$%" )(\$%8#,% 6% 1)' .-#0, '/%#,-(6)'-#0,% -(, ,#P8(\$;% ^08), '/%01%L/#+ '-(% C`;% ED;% OF` `G  
OFWEK%

%  
Y#/G:/',';% ?K:K% 9CDDbA;% !#+(%)(-),2% (\$-#+'-#0,% H#-'% @)( '>\$% #,% -(+&())'-8)(% \$()#(\$;%  
L/#+ '-#.%L'' ,6(%bW;%O;%OCNGOO`K%

%  
Y#/G:/',';% ?K:K% 9CDE`A% :/-(),'-#B(% +02(//#,6% '&&)0'."(\$% 10)% -"(% 7TU [ % -#+ (% \$()#(\$K%  
4)(\$#\$(,.(% ',2%\$( '\$0, '/#-3;%J,-), '-#0, '/%^08), '/%01%L/#+ '-0/063%0`;%N;%CONFGCOXOK%

%  
Y#/G:/',';% ?K:K% \_K% Y8&-'% ',2% \K% 4)(V%2(%Y)' .#'%9CDEXA;% 5 02(//#,6% &())\$#\$(,.(% 01%  
' )@0,% (+#\$#0,\$% //OH',.(%&#).(\$;%\_(, (H'@/(%',2%U8\$-'#, '@/(%7, )63%\_(B#(H%NN;%CCEG  
CCXK%

%  
Y#/G:/',';% ?K:K% ',2% :K% 5 0)(,0% 9CDECA;% S ,.0B()#,6% -"(% SU% -( )+% &)(+ #8+K% : ,%  
' /-(, '-#B(% 08-;%^08), '/%01%< ',># ,6% ',2% \# ,',.(%OX;%F;%EEbEGEEWOK%

%  
Y#/G:/',';% ?K:K% ',2% U0/' )#,% UK% :K% 9CDEbAK% = 'B(% SU% ( ,B#)0,+(,-'/% &0/#.#(\$% @((,%  
(11(-#B(% #,% -"(% ))(28.-#0,% 01% SU% (+#\$#0,\$%v% :% , (H% '&&)0'." \$%8#,% 6% 1)' .-#0, '/%  
#,-(6)'-#0,K% : -+0\$&" )#.%40//8-#0,%\_(\$(') .";%W9EA;%NOGXDK%

!

?#% w;% 4(,6% ?;% e '0% w;% L8#% U;% =#% e;%



**S+I&&GK)L34% ' +4&3)(=)7K [ 0%4&)0 (%3&&, , (, 3)**

---

U()#(\$%

T0%2(-()+#, #-\$-#. %  
-()+\$%

: , %#, -(). (&-%

: , %#, -(). (&-%' , 2%' %  
-#+ (%-)(, 2%

