

!!!!!!
"\$%

>/:*!>E,--'ORQ*/'8,2!>8?<*980!#9(8(/8)*!Y)/*?/8(-95!4(9*" /0! ; - ?982!>E,--'!D- /+<5!!
! 483!AMMMPICCB5!^OKA3BAC5!!
!
4/0E-! ; - ?982! =& ; @>!Y)/*?/8(-95! ='- +(< /! 6(0/V('8(*0! ; - ?9E('5!483!ICCA5!^IC3CCC5!!
!
\$ -8/'! =/ . ('2!>8+/8*U2!4+-U+ / . !Y)/*?/8(-95!!S?)*9(*! [*':/+*!D- /+<! -:!4(9*" /0! ; - ?9825!483!
AMMO5!^IC3CCC5!!
!
\$ -8/'! =/ . ('2!>8+/8*U2!4+-U+ / . !Y)/*?/8(-95!!S?)*9(*! [*':/+*!D- /+<! -:!4(9*" /0! ; - ?9825!4+-]*E8!
6(+*E8-+3!AMMB5!^AW3CCC5!!
!
%!X*U(-9/'!QX6!>208* . 0!%77+-/E, !:-+!AI!>- ?8, *+9!>8/8*05!>- ?8, *+9!QX6! ; -90-+8(? . 3! \ # 1 Q5!
4+-U+ / . !Y)/*?/8-+3!AMMB5!^W3CCC5!!
!
%!X*U(-9/'!QX6!>208* . 0!%77+-/E, !:-+!AI!>- ?8, *+9!>8/8*05!!>- ?8, *+9!QX6! ; -90-+8(? . 3! \ # 1 Q5!
4+-U+ / . !Y)/*?/8-+3!AMMI5!^IC3CCC5!!
!
%! 1 -<*!\$+/EZ(9U! /9<!Y)/*?/8(-9!>208* . !:-+!Q? . /9!X*0- ?+E*!6*)*' -7 . *98!4+-U+ / . 0!(9!
; - . . ?9(82!D/0* <! 1 *98/'!Q* /'8, !>*+) (E*05!>- ?8, *+9!Q? . /9!X*0- ?+E*!6*)*' -7 . *98!
; -90-+8(? . !:-+! 1 *98/'!Q* /'8, 5!483!AMMA5!^IB3ACC5!!
!
1 (00- ?+!(@9(-+ . !#98*U+/8* <! 1 *98/'!Q* /'8, !6/8/! ; - '*E8(-9!>208* . 5! \ # 1 Q3! / +:483!AMKM5!
^MO3HIK5!!
!
? \$'*,)@'3)T!
!
b ?*08!Y<(8-+T!>7*E(/!>*E8(-9T!G*)*'! -! =?9E8(-9(9U5! !"#\$\$%&'(") (*+% , &'(- +&' , . (/OI2%23, \$&, 2""%5!
AKTI3!AMMA5!
!
A++B)C..
!
1 /00*23!&5!JAMMHL5!45&'#&, 2%6(- #I &% (7+3"# \$8+(9+5+'": I +%, (; \$"6\$& I 3<((/ (; \$&8, 28&' (= #20+()) "\$
; #>'28(/6+%82+35!% "29! c !D/E-9T! \ **<, / . !Q*(U, 803! 1 %5!
!
A++B."@#3%,)T!
!
1 /00*2!&53! " +-- . !Y5!JICAML5!\$, *!+- '*!- :!(. 7* . *98/8(-9!0E(*9E*(9!V* , /)(-+/'! , */'8, 5!#9T!DG!
G*)(93!%!Q/90-9!JY<0L5! ? "#%0&, 2""%3(")(@+ . &52"\$&'(- +&' , . 5! \ *F! e -+ZT!>7+(9U*+! \ /8?+*5!
!
D?+8-9!653!Q/90-9!%53!G*)(9!D53! 1 /00*2!&5!JICAIL5!>E, --'! . *98/'! , */'8, 5!#9T!>, /'2PS*90*9! 1 !
JY<05L! * +%, &'(- +&' , . (A&\$+(B33# +3(2%/ / I +\$28&5!>/98/!D/+V/+/3! ; %T!%D ; P ; G#&5!
!
1 /00*23!&53!S- , 90-93! a53!JICCKL5!Y)/*?/8(-9! /9<!&?8E- . *05!#9!45!Q?+<! c !D5!G*)(93!JY<05L!
B%, \$"O#8, 2""%(, "(; #>'28(- +&' , . (; . &\$ I &8CD!

e - ?9U3!D5!X53! [('(/ . 0-93!Q53!D?+8-93!653! 1 /00*23!&53!G*) (93!D53! c !D/'<F(93!S5!JICAWL5!
; , /''*9U*0!/9<!D*9*:(80!(9!6*0(U9(9U!/9<!# . 7'* . *98(9U!/!\$* / . PD/0*<!X*0*/+E, !
1 *98-+0, (7!Y_7*+(*9E*!(9!\$+/90'/8(-9/'!X*0*/+E, 5!; +0&6"6C(2%(- +&', . (; \$" I " , 2""3!
, 8870TRR<-(5-+URAC5AANNRIBNBBNMMAWHCCANO!4 1 #6T!IHMOMNBW5!4 1 ; #6T!4 1 ; ONNOWWW!

!

D?+8-93!653! 1 /00*23!&53!G*) (93!D53!D/'<F(93!S53! c ! [('(/ . 0-93!Q5.JICAWL5!\$+/90:-+ . (9U!+*0*/+E, !
*<?E/8(-9!:-+!8+/90'/8(-9/'!0E(*9E*!/9<!(. 7'* . *98/8(-9!-:!*)(<*9E*PV/0*<!7+/E8(E*05!
*++ , 2%6(/>3, \$&8, (2%(BI : '+ I +%, &, 2""(G82+%8+I(JL(J>?77'!AL3!%BH5!
, 8870TRR<-(5-+URAC5AAKHRANOKPVMCKPACP>AP%BH!

!

D*''-9E(3! ; 53!S-+</93!45!Y53! 1 /00*23!&5!\$53!G(*V*+ . /93!&53!g?V+(80Z23! ; 53! c !Y<F/'!3!b5!JICAIL5!

!

,

1 /00*23!&53! c ! [?3!G5!JAMMBL5!# . 7 -+8/98!E, /+/E8*(08(E0!- :!(9<*7*9<*98!, - ?0(9U!:-+!7*-7'!*!F(8,! . *98/'('9*00T!!4*+07*E8()*0!- :!E/0*! . /9/U*+0!/9<!E-90? . *+05!!; 3C8. "3"82&'(7+. &>2'2, &, 2""%(!"#\$%&'!AN3!KAPMI5!

!

1 /00*23!&5!JAMMBL5!D--Z!+*)(*FT!!Q- ?0(9U3!>?77 -+83!/9<!; - . . ?9(82T!!; , -(E*0!/9<!>8+/8*U(*0! :-+!%<?'80!F(8, !6(0/V('8(*05!S5!X/E(9-3!45! [/'Z*+3!>5!&1; -99*+3!/9<!>5!\$/2'-+5!!!"#\$%&'")(* +%, &'(- +&', . (/O I 2%23, \$&, 2""!ICJAL3!NM5!

!

1 /00*23!&5!JAMMBL5!D--Z!+*)(*FT!!4+*0*+)(9U!:/ . ('(*0T!!Y) /' ? /8(-9!+*0- ?+E*0!:-+!7+/E8(8(-9*+0! /9<!7- '(E2! . /Z*+05!!Y<(8*<!V2!e5!e ?/93!/9<! 1 5!X() *085!!!/O#', (7+320+% , 2&'(A&\$+(!"#\$%&'3! N3!AIBPAIO5!

!

1 /00*23!&53! c ! [?3!G5!JAMMIL5!!; -90? . *+03!:/ . ('2! . * . V*+03!/9<!8, *(+!E/0*! . /9/U*+0T!!\$, +**!

!

!

6 - ''/+<3! \ 53!4/?'0-93!X53! ; -VV3!>53! 1 /00*23!&53! ; /'*]/03!G53! 1 /EZ(99-9PG*F(03! ; 53! c ; +-EZ*883!
D5!JICCKL5!!B I : '+ I +%, &, 2''%I(&88+33I(&%O())& I 2'C(+W: +\$2+%8+('')(>+. &52''\$&'(&%&'C323(3+\$528+3(
2%(I &%&6+O(I +%, &'(. +&', . (&%O(8'' I I #%2, CM>&3+O(8&\$+D(\$ / . 7/3!=!5!!G- ?(0!<*'! /!4/+8*!
=' -+(</! 1 *98/'!Q*/'8, !#908(8?8*3!@9() *+0(82!- :!>- ?8, !=' -+(</5!!!

!

!
@``*'3!653! 1 /00*23!&53! c !%+ . 08+-9U3! a 5!JICCL5! \+&\$%2%6(@+, `++%(, .+(\2%+3</(a#&'2,&,25+(
/%&'C323(")(? "8#3(=\$"#:3("%(G8. ""'(G&)+,CD!\$/ . 7/3!=GT!\$, *!G-?(0!<*!'/!4/+8*!!='-(<!
1 *98/'!Q*/'8,!#908(8?8*3!@9(*)+0(82!- :!>- ?8,!='-(</5!= 1 Q#!4?V'(E/8(-9!mICNPH5!>(_8,!9!

!

[?3!G53!/9<! 1 /00*23!&5!JAMMBL5!!\$ -8/'!='/ . ('2!>8+/8*U2!4+-U+/. T!>* . (P%99?/'!X*7-+85!!S?) *9('!
[*':/+*!D- /+<!- :!4(9*'!'/0! ; - ?9823!>85!4*8*+0V?+U3!=G5!!

!

1 /00*23!&5!JAMMIL5!!\$, *!Y) /' ? /8(-9!4' /99*+T!!%4+ /E8(E/'!b ?(<*!:-+!Y) /' ? /8(9U! /9<! \$+ /EZ(9U!
1 *98/'!Q* /'8, !Q? . /9!X*0- ?+E*!Y:: -+805!!>- ?8, *+9!Q? . /9!X*0- ?+E*!6*) *'-7 . *98!
; -90-+8(? . !:-+! 1 *98/'!Q* /'8, 3! ; -' ? . V(/3!> ; 5!

!

1 /00*23!&53!6 -2'*3!S5!/9<! [?3!G5!JAMMIL5!4(9*'!'/0! ; - ?982!Q- ?0(9U!>8?<2T!Q- ?0(9U!:-+!X*0(<*980!
F(8, ! 1 *98/'!#''9*005!!\$ / . 7/3!=GT!=' -+(< /! 1 *98/'!Q* /'8, !#908(8?8*5!

!

1 /00*23!&53!/9<!>8/E, 9(Z3!S5!JAMMCL5!!\$, *!=?9E8(-9(9U! /9<!X*0(<*98('/! \ **<0!- :! 1 *98/'!Q* /'8, !
; -90? . *+0!(9!4/0E-! ; - ?982!\$ / . 7/3!=GT!=' -+(< /! 1 *98/'!Q* /'8, !#908(8?8*5!!

!

1 ?+7, 23!>5!X*99*+3! 1 53!/9<! 1 /00*23!&5!JAMKNL5!!#<*98(:2(9U!8, *!6 ?/'!2!6 (/U9-0* <! 1 # 1 X!
; '(*98!(9! 1 (00- ?+(10! 1 *98/'!Q* /'8, !>208* . 5!S*:: *+0-9! ; (823! 1 &T!! 1 (00- ?+(!6*7/+8 . *98!- :!
1 *98/'!Q* /'8, 5!!

!

1 ?+7, 23!>5!/9<! 1 /00*23!&5!JAMKNL5!! 1 *98/'!2!#''!>?V08/9E*!%V?0*+0!>*+)* <!V2!8, *! 1 (00- ?+(!
6() (0(-9!- :! ; - . 7+* , *90() *!402E, (/8+(E!>*+)(E*05!S*:: *+0-9! ; (823! 1 &T!! 1 (00- ?+(!
6*7/+8 . *98!- :! 1 *98/'!Q* /'8, 5!!

!

" / ?U, 93!>53! =+ /9Z3!X53! 1 ?+7, 23!>53! 1 /00*23!&53!/9<!4 -Z-+923!G5!JAMKHL5!!>?+)*2!- :! 1 (00- ?+(/90!
F(8, !>*) *+*!Q* /<!#9]?+2!>*+)* <!V2! 1 *98/'!Q* /'8, 3!Q- . *!Q* /'8, !/9<! \ ?+0(9U! =/E('8(*05!
S*:: *+0-9! ; (823! 1 &T!! 1 (00- ?+(!Q* /<!#9]?+2!%<)(0-+2! ; - ?9E('5!

!

a+ / . *+3!D53! 1 /00*23!&53!/9<!4 -Z-+923!G5!JAMKHL5!!4+-] *E8(-90!- :! \ **<!: -+!4+-7-0* <! =/E('82!
\$27*0!(9!8, *! ; - . . ?9(82!4' /E* . *98!4+-U+ / . 5!S*:: *+0-9! ; (823! 1 &T!! 1 (00- ?+(!6*7/+8 . *98!
- :! 1 *98/'!Q* /'8, 5!

!

a+ / . *+3!D5!/9<! 1 /00*23!&5!JAMKHL5!!G*) *!- :! ; /+*!4+-] *E8(-90!:-+!8, *! ; - . . ?9(82!4' /E* . *98!
4+-U+ / . !- :!8, *!6() (0(-9!- :! ; - . 7+* , *90() *!402E, (/8+(E!>*+)(E*05!S*:: *+0-9! ; (823! 1 A50395T500050267 . 0003'

!

" + - - . 3!Y53! [*08-93!%53! 1 /00*23!&5!@9<*+08/9<(9U!>?EE*00:?'!# . 7'* . *98/8(-9!- :!!
>E, -- '!D/0*!D* , /)(-+/'!Q*/'8, !>*+)(E*0T!%!G-9U(8?<(9/'!>8?<2!- :!# . 7'* . *98/8(-9!!
D/+(*+0!/9<! =/E('8/8-+03!7/7*+!7+*0*98*! /8!8, *!W8, !D(*99/'!>-E(*82!!
: -+!# . 7'* . *98/8(-9!X*0*/+E, !; -' /V-+ /8(-93!>*/88'*3!>*78* . V*+

1 /00*23!&53!D?+8-93!653!/9<!G?E(-3!X5!JICAAL5!o4+-:*00(-9/!X-'*!#<*98(:E/8

1 /00*23!&5!!JICCHL!o

!

"&

8, *!I\$%!=-+? . !-9!4*+: -+ . /9E*! 1 */0?+*0!(9!V*, /)(-+/'!Q*/'8, !/9<!X*'/8*<!>*+)(E*!
>208* . 03!%8'/98/3!b%5!

!

6 - ?E*88*3!%53! ; /) /9 /?U, 3!653! 1 /00*23!&5!\$5!JICCOL! 1 -9(8-+(9U!>*+)(E*!>208* . ! f ?/'(82!/9<!
. 7+-)* . *98T!!%<<+*00(9U!8, *!\ **<!:-+!/'!; - . . -9!%77+-/E, 5p!!4+*0*98/8(-9!/8!8, *!AN"#!
%99?/'!X*0*/+E, !/9<!\$+/(9(9U! ; *98*+! ; -9:*+*9E*3!\$/ . 7/3!=G5!

!

!

1 /00*23!&5!\$5!JICCOL!o%! ; - . 7+*, *90()*!%77+-/E, !8-!>E, -- '!>*+)(E*0T!b Y%X!@4!e */+!&9*!
X*0?'805p!>2 . 7-0(? . !E-9<?E8*<!/8!8, *!AN"#!%99?/'!X*0*/+E, !/9<!\$+/(9(9U! ; *98*+!
; -9:*+*9E*3!\$/ . 7/3!=G5!

!

e / . 7-'0Z/2/3!>53! 1 /00*23!&5!\$5!JICCOL!o4+-:(*! ; , /+ /E8*+(08(E0!/9<!&?8E- . *! ; , /9U*!% . -9U!
b Y%X!@4!>8?<*9805p!>2 . 7-0(? . !E-9<?E8*<!/8!8, *!AN"#!%99?/'!X*0*/+E, !/9<!\$+/(9(9U!
; *98*+! ; -9:*+*9E*3!\$/ . 7/3!=G5!

!

",

%+ . 08+-9U3! a53! 1 /00*23!&53!J ; -P ; ,/(+0L!JICCL!oY) /'?/8(9U!7+-U+ / . !*::*E8() *9*00!(9!8 , *!>/:*!
>E, -- 'ORQ* /'8, 2!>8?<*980!#9(8(/8() *5p!>2 . 7-0(? . !E-9<?E8* <! /8!8 , *!AW#!%99? /'!X*0* /+E, !
/9<!\$+ / (9U! ; *98*+! ; -9: *+*9E*3!\$ / . 7/3! =G5!

!

1 /00*23!&53!%+ . 08+-9U3! a53!J ; -P ; ,/(+0L!JICCL5!!o>/:*82!(9!- ?+!0E, -- '0T!!@9<*+08/9<(9U!8 , *!
_7+(*9E*! /9<!7*+E*78(-90!- :!)(- '*9E*5p!>2 . 7-0(? . !E-9<?E8* <! /8!8 , *!AW#!%99? /'!
X*0* /+E, !/9<!\$+ / (9U! ; *98*+! ; -9: *+*9E*3!\$ / . 7/3! =G5!

!!

1 /00*23!&53!%+ . 08+-9U3! a53!D+- ?U, 03! 1 53!>/98-- +3!X53!4*++23!%53!JICCL5!!oY) /'?/8(9U!8 , *!>/:*!
>E, -- 'ORQ* /'8, 2!>8?<*980!#9(8(/8() *T!D?''2(9U3!)(- '*9E*3! /9<!8 , *!* _7*+(*9E*!- :!0/:*82!9!
0E, -- '05p!4/7*+!7*+*0*98* <! /8!8 , *! \ /8(-9/!'%00-E(/8(-9!- :!>E, -- '!402E, -' -U(080d!%99? /'!
; -9)*98(-93! ; , (E/U-3!#G5!

!

%+ . 08+-9U3! a53! 1 /00*23!&53!JICCAL5!!o4+- - :!- :!7+-U+ / . !/EE- . 7'(0 , . *980T!!@0*+P: +(*9<'2!
*) /'?/8(-9! . -<*05p! [-+Z0 , -7!7*+*0*98* <! /8!8 , *! =%>4!ICCA!%99? /'! ; -9: *+*9E*3!&+ /9<-3!
=G5!!

!

1 /00*23!&53!%+ . 08+-9U3! a53!J ; -P ; ,/(+0L3!D+- ?U, 03! 1 53! /9<!>/98-- +3!X5!JICCAL5!!o 1 -<*!
*) /'?/8(-9! : -+!8 , *!>/:*!>E, -- '0!#9(8(/8() *0T!4+- . -8(9U! , * /'8, 2!0E, -- '05p!>2 . 7-0(? . !
E-9<?E8* <! /8!8 , *!ACM#!%99? /'! ; -9)*98(-9!- :!8 , *!* . *(E/9!402E, -' -U(E/!'%00-E(/8(-93!
>/9! =+ /9E(0E-3! ; %5!!!

!

1 /00*23!&53!%+ . 08+-9U3! a53!J ; -P ; ,/(+0L! /9<!D+- ?U, 03! 1 53!JICCAL5!!o " (- '*9E*! , /0!9-!V-+<*+03!
\$, *!>/:*!>E, -- 'ORQ* /'8, 2!>8?<*980!#9(8(/8() *5p!>2 . 7-0(? . !E-9<?E8* <! /8!8 , *!IO#!
#98*+9/8(-9/!'>E, -- '!402E, -' -U2! ; -' -r?(? . 3!6(9/9! =+ /9E*5!!!

!

1 /00*23!&5! /9<!%+ . 08+-9U! a5!JICCAL5!!oY) /'?/8(-9! : -+!7+-U+ / . ! (. 7+-) * . *98! /9<!
/EE- ?98/V('825p!! [-+Z0 , -7!7*+*0*98* <! /8!8 , *!4(9*'' /0! /9<!Q('0V-+- ?U, !b+ /980!
; -' /V-+ /8() *! ; -9: *+*9E*3!\$ / . 7/! = '5!

!

>/90-08(3! =53! 1 /00*23!&53!%+ . 08+-9U3! a5!JICCAL5!!4+*'(. (9/+2! /9/'20(0!- :!+*0?'80! :+- . ! /!E-9: '(E8!
+*0- ' ?8(-9!(98*+)*98(-9!F(8, !/8P+(0Z!08?<*9805!#9!&5! 1 /00*2! /9<! a5!%+ . 08+-9U!J ; -P
; ,/(+0L3!o\$, *!>/:*!>E, -- 'ORQ* /'8, 2!>8?<*980!#9(8(/8() *T! 1 *8, -<- ' -U(*0! /9<!+*0?'80!(9!
7+-U+ / . PV/0* <!*) /'?/8(-905p!>2 . 7-0(? . !E-9<?E8* <! /8!8 , *!AO#!%99? /'!X*0* /+E, !
; -9: *+*9E*3!%10208* . !- :! ; /+*! : -+! ; , (<+*9d0! 1 *98/'!Q* /'8, 3!\$ / . 7/3! = '5!

!

4*+23!%53! 1 /00*23!&53!%+ . 08+-9U3! a5!JICCAL5!! = / . ('*0! /9<!>E, -- '0!\$ -U*8 , *+!J =%>\$L5!#9!&5!
1 /00*2! /9<! a5!%+ . 08+-9U!J ; -P ; ,/(+0L3!o\$, *!>/:*!>E, -- 'ORQ* /'8, 2!>8?<*980!#9(8(/8() *T!
1 *8, -<- ' -U(*0! /9<!+*0?'80!(9!7+-U+ / . PV/0* <!*) /'?/8(-905p!>2 . 7-0(? . !E-9<?E8* <! /8!8 , *!
AO#!%99? /'!X*0* /+E, ! ; -9: *+*9E*3!%10208* . !- :! ; /+*! : -+! ; , (<+*9d0! 1 *98/'!Q* /'8, 3!
\$ / . 7/3! = '5!

!

!
a *+0, /F3! 1 53! 1 /00*23!&53!='/Z3! a5!Q/99/, 3!>5!JICCCCL5!!oY) /' ?/8(9U!:/ . ('2!*9U/U* . *98T!
1 *8, -<0!/9<! '*00-90! '*/+9*<5p!!4/7*+!7+*0*98*<!/8!8, *!>*) *98, !%99?/'!='- +(</
; -9:*+*9E*!-9!D*, /)(-+/'!Q*/'8, E/+*!Y) /' ?/8(-93!&+! /9<-3!='5!
!
1 /00*23!&5!%+ . 08+-9U3! a5!!JICCCCL5!!o@0(9U!*) /' ?/8(-9!</8/!*: : *E8() *'25p!!#9)(8*<!7+*0*98/8(-9!8-!
>/: *!>E, --'0RQ*/'8, 2!>8?<*980! \ /8(-9/'!; -9:*+*9E*3! [/0, (9U8-93! 65 ; 5!
!
b ?8(*+*`P 1 /2Z/3! 1 53! 1 /00*23!&53!%+ . 08+-9U3! a5!JICCCCL5!o 1 /9/U* . *98!*) /' ?/8(-9!0-'?8(-90!(9!
8, *!>/: *!>E, --'0!#9(8(/8() *5p!!4/7*+!7+*0*98*<!/8!8, *!/99?/'! . **8(9U!- :!8, *!% . *+(E/9!
Y) /' ?/8(-9!%00-E(/8(-93!Q-9-'?' ?3!Q5!
!
1 /00*23!&53!%+ . 08+-9U3! a53! b ?8(*+*`P 1 /2Z/3! 1 5!JICCCCL5!o 6*0(U9!(. 7'(E/8(-90!- :! . ?'8(P7+-U+ / . !
*) /' ?/8(-90!(9!8, *!>/: *!>E, --'0RQ*/'8, 2!>8?<*980!#9(8(/8() *5p!!4/7*+!7+*0*98*<!/8!8, *!
/99?/'! . **8(9U!- :!8, *!% . *+(E/9!Y) /' ?/8(-9!%00-E(/8(-93!Q-9-'?' ?3!Q5!!
!
%+ . 08+-9U3! a53! 1 /00*23!&53! b ?8(*+*`P 1 /2Z/3! 1 5!JICCCCL5!o \$ /+U*8*<!*) /' ?/8(-9!- :!/!0E, --'PV/0*<!
/9U*+! . /9/U* . *98!E?+(E?'? . 5p!!4/7*+!7+*0*98*<!/8!8, *!/99?/'! . **8(9U!- :!8, *!% . *+(E/9!

!
1 /00*23!&5!JAMMIL5!nQ-?0(9U!:-+!(9<())(<?/'0!F(8,! . *98/'('9*00T!! ; -90? . *+!0!/9<E/0*!
. /9/U*+0d!7*+E*78(-905n!!4/7*+!7*+0*98*!<!/8!8 , *!AMMI!% . *+(E/9!402E, -' -U(E/'!
%00-E(/8(-9!%99?/'! ; -9)*98(-93! [/0, (9U8-93! 6 ; 5!
!
1 /00*23!&5!JAMMAL5!n\$, *!'*)*!'!-:!:?9E8(-9(9U!-: !E-90? . *+0!0*+) *!<V2!Q*+9/9<-! ; -?982! 1 *98/'!
Q*/'8, ! ; *98*+5n!!#9)(8*!<7*+0*98/8(-9!8-!8 , *!D- /+<!-: !6(+*E8-+0!-: !Q*+9/9<-! ; -?982!
1 *98/'!Q*/'8, ! ; *98*+3!>7+(9U!Q(''3!=G5!
!
1 /00*23!&5!JAMMAL5!n%00*00 . *98!-: !'*)*!'!-:!:?9E8(-9(9U5n!!4/7*+!7*+0*98*!<!/8!8 , *!AMMA!%99?/'!
; -9:*+*9E*!-: !8 , *!'=-+(</'! ; -?9E('!-+! ; - . . ?9(82! 1 *98/'!Q*/'8, 3! ; *!+/F/8*+!D*/E, 3!=G5!
!
1 /00*23!&53!/9<! 6 -2*!3!S5!JAMMAL5!n>?77-+8(*)! , -?0(9U!(9!=' -+(<T!D/++(*+0!8-!(. 7* . *98(9U!
7- '(E25n!4/7*+!7*+0*98*!<!/8!8 , *!AMMA!%99?/'! ; -9:*+*9E*!-: !8 , *!'=-+(</'! ; -?9E('!-+!
; - . . ?9(82! 1 *98/'!Q*/'8, 3! ; *!+/F/8*+!D*/E, 3!=G5!
!
1 /00*23!&5!JAMMAL5!n%77'(E/8(-9!-: !'*)*!'!-:!:?9E8(-9(9U!0E/'*0!(9!/'! ; 1 Q ; !7-7?'/8(-95n!!4/7*+!
7*+0*98*!<!/8!8 , *!AMMA!% . *+(E/9!402E, -' -U(E/'!%00-E(/8(-9!%99?/'! ; -9)*98(-93!>/9!
=+/9E(0E-3! ; %5!%?U?08!AMMA5!
!
1 /00*23!&5!JAMMCL5!n ; '(*98!*)*!'!-:!:?9E8(-9(9UT!! 1 Q>#4!(. 7'(E/8(-90!:-+!<(+*E8!E/+*!08/::3!
>*+) (E*!%U*9E(*03!/9<!>8/8*! 1 *98/'!Q*/'8, !%?8, -+(8(*05n!!#9)(8*!<7*+0*98/8(-9!8-!8 , *!
\ # 1 Q! \ /8(-9/'! ; -9:*+*9E*!-9! 1 *98/'!Q*/'8, !>8/8(08(E03! [/0, (9U8-9! 6 ; 5!
!
1 /00*23!&5!JAMMCL5!n\$, *!/00*00 . *98!-: !E-90? . *+!:?9E8(-9(9U!/9<!(80!+*!*)/9E*!:-+!7'/99(9U!
E- . . ?9(82!7'/E* . *98!/'8*+9/8(*)05n!!#9)(8*!<7*+0*98/8(-9!8-!8 , *!>85!4*8*+0V?+U!%'(/9E*!
:-+!8 , *! 1 *98/'!2!#'3!>85!4*8*+0V?+U3!=G5!
!
1 /00*23!&5!JAMKML5!n\$, *!) /'(</8(-93!/77'(E/8(-93!/9<!: ?8?+*!(. 7'(E/8(-90!:-: !8 , *! 1 (00-?+(!G*)*!'!-: !
; /+*!F(8, !+*0(<*98/'!2!7'/E*!<E'(*9805n!!#9)(8*!<7*+0*98/8(-9!8-!8 , *! 1 (00-?+(!#908(8?8*!-: !
402E, (/8+23!@9(*)+0(82!-: ! 1 (00-?+(3!>85!G-?(03! 1 &5!
!
1 /00*23!&53! 1 ?+7, 23!>53!/9<!X- -03!45!JAMKNL5!n\$, *!E, ('<+*9!0!+*0(<*98/'!0*+) (E*0!08?<2T!!
; , /+!E8*+(08(E0!-: !E, ('<+*9!/9<!8 , *!0*+) (E*0!8 , *2!+*E*() *5n!!#9)(8*!<7*+0*98/8(-9!8-!8 , *!
V?<U*8!/77+-7+(/8(-90!E- . . (88*!-: !8 , *! 1 (00-?+(!>8/8*!G*U(0'/8?+*3!S*::*+0-9! ; (823! 1 &5!
!

a+/. *+3!Q5!D53!/9<! 1 /00*23!&5!\$5!JAMKHL5!n%9!(9<(E/8-+!-:!/77+-7+(/8*!702E,(/8+(E!
E'(*98R7+-U+/. !. /8E,(9U5n!!4/7*+!7+*0*98*<!/8!8,*!% . *(E/9!Y)/'?/8(-9!%00-E(/8(-93!
a/90/0! ; (823! 1 &5!

!

1 ?+7,23!>53!X*99*+3! 1 53!/9<! 1 /00*23!&5!\$5!JAMKHL5!n#<*98(:2(9U!8,*!9**<0!-: !07*E(/'!E'(*98!
U+- ?70!8,+ - ?U,!0?+)*2!+*0*/+E,5n!!4/7*+!7+*0*98*<!/8!8,*!% . *(E/9!Y)/'?/8(-9!

!

#"

!
S-?+9/'!X*)(*F!
!
Y<(8-+(/'+*)(*F*+T!!
! 4'-0!&9*!
! D(-! 1 *<!; *98+/'!h!# . 7'* . *98/8(-9!>E(*9E*!
! S-?+9/'!-:Y . -8(-9/'!/9<!D* , /)(-+/'!6(0-+<*+0!
! %< . (9(08+8(-9!'9<!4-'(E2!(9! 1 *98/'!Q*/'8, !/9<! 1 *98/'!Q*/'8, !>*+)(E*0!
! \$, *!S-?+9/'!-:!D* , /)(-+/'!Q*/'8, !/9<!>*+)(E*0!X*0*/+E, ! !
! Q-07(8/'!/9<!; - . . ?9(82!402E, (/8+2!
! S-?+9/'!-: 1 *98/'!Q*/'8, !%< . (9(08+8(-9!
!

! / +1)0;##'+1).#1\$.H%,5'''%.*+.*@%.H*##*%C!
! ; -90?'8/98T!!>8/8*!-:!= '-+(</3! 6*7/+8 . *98!-:;! ; ,(' <+*9!/9<!=/ . ('*03!4*+:-+ . /9E*!&?8E- . *0!
4+-] *E85!
! ; -90?'8/98T!!4(9*' /0! ; - ?982!D- /+<!-: !Y<?E/8(-9T!4+-] *E8!Y) /' ?/8-+!
! ; -90?'8/98T!!>- ?8, != '-+(</!>8/8*!Q-07(8/5!
! ; -90?'8/98T!!X*U(-9!# " 3!\$(8*'#! !=* <+/'! \$*E, 9(E/'!%00(08/9E*!Y) /' ?/8(-95!
! ; -90?'8/98T!!D/2)(*F! 1 *98/'!Q* /'8, !; *98*+3! =?9E8(-9/'! /00*00 . *98!-: !E-90? . *+0!(9!E- . . ?9(82!
0*88(9U05!!!
! 1 * . V*+3!QX>P% 6 1 !>8/8*!4' /99(9U! ; - ?9E('3!%<?'8!>*+) (E*!4' /99(9U!>?VE- . . (88**T!X*)(*F!
/9<!6*) *' -7 . *98!-: !MOPMM!QX>P% 6 1 !>8/8*!4' /9!:-+! 1 *98/'!Q* /'8, !>*+) (E*05!!!
! ; -90?'8/98T!!>8/8*!-: !G- ?(0/9/3!&:: (E*!-: ! 1 *98/'!Q* /'8, 5!!%00*00 . *98!-: !)* *'!-: !E/+*!(9!
E- . . ?9(82PV/0* <!0*+) (E*!7+-) (0(-95!!
! ; -90?'8/98T! \ *F!Q/ . 70, (+*P 6 /+8 . - ?8, !402E, (/8+(E!X*0* /+E, !; *98*+3! >8/8*!-: ! \ *F!Q/ . 70, (+*5!!
>8/8*!9** <0! /00*00 . *98!-: !)* <*+ '2! . *98/'!, * /'8, !0*+) (E*05!
! ; -90?'8/98T!S?) *9(*! [*': /+*!D- /+<!-: !4(9*' /0! ; - ?9825!!Y) /' ?/8(-9!-: !8, *!\$ -8/'! =/ . ('2!>8+/8*U2!
4+-U+ / . 5!
! ; -90?'8/98T!!>* . (9- '*! ; - . . ?9(82! 1 *98/'!Q* /'8, !; *98*+5!! ; -90? . *+!7+*:*+*9E*0! /9<!0?77 -+8* <!
, - ?0(9U5!!
!

!
; -90?'8/98T!QX>P% 6% 1 Q!4+-U+/. !&::(E*5!!X*0*/+E,!<* . -908+/8(-9!7+-J*E8!8-!7+-)(<*!/00*+8(*)!
E/0*! . /9/U* . *98!8-!(9<())(<?/'0!F(8,!,*/+(9U!(. 7/(+ . *980!/9<! . *98/'(''9*005!
!
; -90?'8/98T!QX>!6(08+(E8!05!!Y) /'?/8(-9!-:!E/0*! . /9/U* . *98!0*+)(E*05!
!
; -90?'8/98T!QX>!6(08+(E8!K5!!%00*+8(*)!E/0*! . /9/U* . *98!*) /'?/8(-9! . *8, -<- '-U25!
!

!

#%