

!''#\$\$%&' (\$)#*+!	!,"-".)/011"\$2)*3'45%6#)&'!''.\$)'2.!
!''#\$\$%&'7689*,+!	

/3*3-); 5 3 .,9!783!/1(32,)(+!-(3!3R; 32,3/!,)!)!;() 5),3!,83!2)(3!*-=<3+)4!-2-/3 5 12!3-/3(+8!;@!+8-(3/!
D)*3(. -. 23!2)=3D!-!,>C!,(-. +; -(3. 2>C!- . /!-22)< . , -B!1,>9!
!

783! -<,8)(1,>! 4) (!,83! -; ;)1., 5 3 .,! - . /! (3 5)*-!=) 4! /1(32,)(+! 1+! +; 32!4!2-==>! /3=3D-,3/! B>! ,83!
'(3+!/3.,!,),!,83!' ()*)+9!" =!/1(32,)(!-; ;)1., 5 3 .,+! ?1,8! .!-2-/3 5 12!-44-1(+!-(3!G-,! ?1=H!- . /!+3(*3!
-!, ,83! ;3-+<(3!) 4!,83! ' ()*)+9! S)! ,3.<(3!)(! ;3(5 - . 3 .,!,+,-,<+! 1+! D(- . ,3/! ?1,8! +<28! /1(32,)(!
-; ;)1., 5 3 .,+C! - . /! .)! ,3.<(3!)(! ;3(5 - . 3 .,!,+,-,<+! 2- .! B3! -28!3*3/! ?1,8! .! +<28! /1(32,)(!
-; ;)1., 5 3 .,+9! I 1(32,)(!-; ;)1., 5 3 .,+! 5 ->! ,3(5 1. -,3! ;(1) (!,)! ,83!(! .)(5 -!+283/<=3/!3. /! /-,39!
I 1(32,)(!-; ;)1., 5 3 .,+!-<,) 5 -,12-==>!3R;1(3!-,!,83!3. /!)4!,83!+,-,3/! ;3(1)/!- . /! /!)! . ,!3+,-B=1+8!
2) .+! /3(-,1) .!4)(!+<B+3P<3. ,!/1(32,)(!-; ;)1., 5 3 .,+9!
!!!

Q-2<=,>! 5 3 5 B3(+!+3=32,3/!4) (!,83! ;)+1,1) .!)4! /1(32,)(!-(3!3R; 32,3/!,)!)8-*3!,83!2) .4! /3. 23!)4! -!
5 -T)(1,>! 4!,83!4-2<=,>!- . /! ,83!+<; 3(*+1. D! -2-/3 5 12! /3- . U+AC! - . /!4) (!,8!+!(3-+) .!,83!4)=) ?1. D!
) 5 1. -,1) .!- . /!(32) 5 5 3. /-,1) .! ;()23++!+!3++3 .,1-9!
!

CD'<#A\$9\$#&)'
!

" =!32,<(3(+!,3-28! . D!-,!3-+ ,!V9W! ? 3!D8,3/!,3-28! . D!< . 1,+!UX 7 Y+A! .!,83!+3 5 3+3(!,8-,! .) 5 1. -,1) .!
- . /!*),1. D!)22<(C!-!=!,3.<(3#,-2Z!- . /!,3.<(3/!4-2<=,>!U! . 2-</1. D! [-(1,1 5 3!0)2-,1) . -!M. +,<2,)(+A!
-(3!3=ID!B=3!),!+3(*3!-+!/1(32,)(+! ?1,8! .!-2-/3 5 12!-44-1(+9!
!

ED'F"\$2A'?\$A;).'
!

" =!32,<(3(+!,3-28! . D!-,!3-+ ,!\! X 7 Y+!- . /!-!=!,3.<(3#,-2Z!4-2<=,>! - (3!3=ID!B=3!
,)!)*) ,3!4) (!,83!(32) 5 5 3. /3/!2- . /! /-,3+!4) (!,83!/1(32,)(! ;)+1,1) .9!]) ? 3*3(C!-,!,83!/1+2(3,1) .!)4!,83!
' ()*)+ ,C!*),1. D!4) (!23(-,1. /!1(32,)(! ;)+1,1) . +! 5 ->!B3!(3+, (12,3/!) . =>!),!,83!4-2<=,>!4() 5!,83!-4432,3/!
/3; -(, 5 3 .,+9!Q) (!3R- 5 ; =3C!*),1. D!4) (!,83!/1(32,)(!)4!1 .,3(-,1) . -=!3R; 3(13. 23!UM^A!- . /! /1(32,)(!)4!
=123. +1. D! 5 ->!B3!(3+, (12,3/!) . =>!),!,83!4-2<=,>! ?1,8! .!,83! ;()D(- 5 ! ? 83(3! . !M^!- . /!=123. +1. D!+!-!
; -(,!)4!,83!2<((12<=< 5 9!Q) (!,83!4-2<=,>! /3*3-); 5 3 ., /1(32,)(C!,83!*),1. D! ? 1=!B3! ; 3. 3/!4) (!-==!
4-2<=,>9!
!

GD' (*, 8 "'='H==%*')
!

"!/1(32,)(

!
Q)=) ?1.D!,83! .) 51. -,1) . +C!,83! J3. -,3! : 8-1(!+8-==! ; (3; -(3!,83!B-==),C! /!+, (IB<,3!,83!B-==),!- . /!
- ; ;=12-,1) . ! 5 -,3(1-==! -+!+<B 51,,3!/!B>!3-28! .) 51.33!,,)!4-2<=,>! -+! ; 3(!+32,1) . !&C! - . /!2)=32!,83!
(32) 5 53. / -,1) . !*) ,3+!3=32,(. !2-==>!) (!B>! ; - ; 3(!1. !+<28!-! ? ->! ,8- ,! 5 -1. , -1. +!,83!- .) . > 51,>!- . /!
2) . 4! / 3. ,1-! ,>!) 4!,83!3=32,) (-,39!783!B-==),!+8-==!B3! ; 3. !4) (!4!*3! ?) (Z1. D! / ->+9!M. !2-+3!-!4-2<=,>!
5 3 5 B3(!+!) . !-<,8) (1_3 / !3- *3C!,83!J3. -,3! : 8-1(!? ! =!2)) (/1. -,3! ? 1,8!,83!4-2<=,>! 5 3 5 B3(!,)! (32) (/!
,83!(!*),3!- ; ; () ; (1-,3=>9!M!,83(3!+!) . =>!) . 3! .) 51. -,1) . C!-!B-==),!+8-==! ; () *1/3!/3 ; -(, 5 3. ,!4-2<=,>!
,83!) ; ;) (<.,1,>!,)!*) ,3!G(32) 5 53. /H!) (!G.) ,!(32) 5 53. /H!) (!G-B+, -1. H!4) (!,83! .) 51.339!

!
" ,!- .>!+,-D3C!4!,83! .) 51.33! ? 1,8/(- ? +!4() 5 !4<(,83!(2) . +! / 3(-,1) . !,83! ; () 23++! ? ! =!B3!(31. +,1,<,3/9!

J)'? *% " 8 8 *235)\$"2'

!
" 4,3(!,83!2)=32,1) . !) 4!,83!(32) 5 53. / -,1) . !*) ,3+!4() 5 !,83!4-2<=,>C!,83!+3. -,3!28-1(!+8-==(3;) (!,83!
(3+<=,+!U! . 2=</1. D!,83! . < 5 B3(!)4!G(32) 5 53. /HC!G.) ,!(32) 5 53. /HC! - . /!G-B+, -1. H!*),3+A!4) (!,83!
) 51.33+!,,)!,83!- ; ; () ; (1-,3!/3- . U+A!,) ! ? 8) 5 !,83!/1(32,) (!3;) (+!- . /!,83! ' ()*) +,9!M. !- //1,1) . !,)!
,83!*),3+!, -==>C! -==!,83!) ,83(! 5 -,3(1-==C!1. 2=</1. D! : 0+! - . /!) . 3` ; -D3! ? (1,,3. !+,-,3 5 3. ,+C! ? ! =!B3!
+<B 51,,3/! ? 1,8! . !4!*3! ?) (Z1. D! / ->+!-4,3(!,83!(32) 5 53. / -,1) . !*) ,1. D! !+!2=)+3/9!

KD'0 11"\$2) 8 *2)'

!
783! ' ()*) +, ! ? ! =!2) . +! / 3(!-==! 5 -,3(1-==!(323!*3/C!1. 2=</1. D! - .>! ? (1,,3. !2) 5 53. ,+U ? 1,8! . ! ; 3(1) /12!
(3*13 ? +A! - . /!(32) 5 53. / -,1) . !*) ,3+!- . /!+8-==! 5 -Z3!,83!-8/(=</1. D! , (3+<=Z3!<=<=)(Z3) 0 . 22(=) . (. 2(1,)Tf (Tf (T

M.!,83! 3*3.,!)4!(3+1D.-,1).!)(!-.,!<.3R;32,3/!*-2-.2>6=3-*3!)4!,83!/1(32,)(C!,83!'()*+!,?1=!
-<,8)(l_3!,83!-; ;();(l-,3!+<;3(*1+1.D!-2-/3 5 12!/3-.U+A!,)!)2).+<=,! ?1,8!,83!+3.-,3!28-1(!-./!4)=) ?!
,83!;()23+!-+!/3+2(1B3/!l.l+32,1).+!a!-./!W!,)!(32) 5 5 3./!-./-2,1.D!/1(32,)(9!781+!(32) 5 5 3./-.,1).!
?1=!B3!5-/3! ?1,8!.,8(33! ?33Z+9!M4!,83!'()*+!,8-+!2).4!/3.23!l.,83!(32) 5 5 3./-.,1).C!836+83! ?1=!
;()233/! ?1,8!,83!-; ;)1.,53.,!l.!2).+<=,-,1).! ?1,8!,83!-; ;();(l-,3!+<;3(*1+1.D!-2-/3 5 12!/3-.9!M4!
,83!'()*+!,/)3+!.),!-D(33! ?1,8!,83!(32) 5 5 3./-.,1).C!836+83! ?1=! 5 33,! ?1,8!,83!+3.-,3!3R32<,1*3!
2) 5 5 1,,33!,) !3R;=-1.,83!(-,1).-3!-./!(3P<3+,-. !-=-,3(-,3!(32) 5 5 3./-.,1).9!
!

TD'!*, \$"3\$%'?*- \$*U.'523'?*1#5%* 8*2)'

!
783!;<(;)+3!)4!,83!;3(1)/12!(3*13 ?!+!,)!) ;()*1/3!- .!) ; ;)(, <.1,>!,)!-++3+!,83!;3(4)(5-.23!)4!,83!
/1(32,)(9!781+!(3*13 ?! ?1=!B3!2). /<2,3/!-,!,83!3./!)4!,83!4!(+!,>3-(!)4!3-28!,8(33#>3-(!,3(5C!-./!-,!
,83!3./!)4!,83!,8l(/!>3-(!)4!,83!4!(+!,3(5!4!,83!/1(32,)(!+33Z+!-!+32). /! ,3(59!783!;3(1)/12!(3*13 ?+!
?1=!B3!2). /<2,3/!B>!,83!+<;3(*1+1.D!-2-/3 5 12!/3-.U+A!-./!-(3!/3+1D.3/!,) !3*-=-<-,3!,83!/1(32,)(0+!
;3(4)(5-.23!-./! -22) 5 ;=+8 5 3.,+! -./! ;()*1/3! 2).+,(<2,1*3! 433/B-2Z! 4)(!,83!D() ? ,8!)4!,83!
/1(32,)(! 1.! 5-. -D! .D! ,83! (3+;) .+!B! =1,13+9! M.! 3R23; ,1).- =! 2-+3+C! -./! -4,3(! 2).+<=,-,1).! ?1,8!
" 2-/3 5 12!J3.-,3C!,83!'()*+!,5 ->!3=32,!)!(3 5)*3!,83!/1(32,)(!-./!-; ;)1.,!-!(3;=-23 5 3.,9!!