

!!" #\$\$%&'()*+,\$-*. \$
!"#\$\$%&'()*+,\$-*. /.*
*

O112, &' , 324*5' 3"*6278#\$9"): '#\$2, *; #&' <)' +', =, '*>' 8%)*?28233' *@AAB2()*@' C=&*D' \$%' ' BB*
D' \$%' ' BB)*E' \$' '*F AABG)*E' \$' '*HBB2)*! =I *O8&#BB')*J' 1"' B*?AA, 2(KJ2%L2&' %)*M' \$8' \$' '*A#\$B2()*
OB2N*M\$A7,)*6=3<*\$27)*E28' %1=' , *?A, &2\$A%KDA\$9' ,)+A%"# '*O8' <=>)*D' \$3A*>' \$AG' BA)*E' \$' '*
: ' 0#\$2)*@' , =2B*P2\$2%123=>)*D(\$=' I *5' =&=)+A2B*Q2&, 2' #B1)*RI =B*M\$=A, 2%)*SC' , *62=B%A,)+A%2*
@=' 0)*D=1\$' , *D2"1')*>BA\$=' ! A)*D(\$=' I *@2%\$A%=2\$%)*! AI *T' 8=' , U*

! A, =9"1*1"2(*' \$2*8\$=, 9=, 9** *BA3' B*%1#&2, 1*8' , &*1A*>2\$1%*1A*1"2*! "#\$%&' (%*OB=C2* , =9"1U*6A, 2*
AG*1"2*L\$A322&%*7=BB*9A*1A*JP^!)8#1*=1*7=BB*\$' =%2** 7' \$2, 2%%** %=1*82=, 9** *9\$A#L*82, 2G=3=' B*1A*
%1#&2, 1%U! "2\$2*' \$2*17A*%1\$' 129=2%)*1"2\$2** \$2* B%A*=, %1=1#1=A, ' B*LB' , %*a

D2''1' 4*F 2*%2, 1** *B=%1%2\$C2)*72*%2B2312&*Z#' B-G=2&*3' , &=&' 12%*1A*=, 12\$C=27)*' , &*1'' 2*L\$2%=&2, 1)*
S'' , &*1'' 2*A1'' 2\$*%2, ' 1A\$*BAA<2&*' 1'' LLB=3' 1=A, %U**
WQ*@AAB2(4*; ' C2** *BAA<*' 1*D39=BBB' k%2, ' 12kB' 7*1A*921** *BAA<*' 1*1'' 2*L\$A%L231=C2* , 27*
3' B2, &' \$U*; AL2G#BB()* , 2N1*(2' \$*72*7=BB**'' C2** *82112\$)I A\$2*=, 12\$' 31=C2*3A#%\$2*3' B2, &' \$U**
Q2&, 2' #B14*F '' (*&A2%, d1*EED ^** %= %1*=, *1'' 2*8(K2B231=A, *AG*1'' 2*, 27*%2, ' 1A\$%c**
WQ*@AAB2(4*F 2

&=' BA9#2*7A#B&*GABBA 7)' , &*=1*=%*%1' 12&=, *EED^*8(KB' 7%*1'' 1*3AI I =1122%*AG*3A#, 3-B'' \$2*
' BBA 72&*1A'' C2*3BA%2&*%2%%=A, %U'F 2'' &*' *\$A3<(*%1' \$1*1A*1'' 2*G=\$%1*3A#LB2*AG*I 221=, 9%U'F 2*
' ' &*1A*3B2' \$* 7' (*I =%#, &2\$%1' , &=, 9%U'J'' AA%2*: =G2*2I L'' %=02&*1'' 1*1'' 2(*1'' A#9'' 1*1'' 2(*'' &*
&A, 2*, A1'' =, 9*7\$A, 9)' , &*7' , 12&*2N' I LB2%*7=1''*\$2G2\$2, 32*1A'EED^*RZ#=1(*QAB=3(*1A*7'' 1*
7' %*7\$A, 9U'! "2*3AI I =1122*' 9\$22&*1'' 1=1*7A#B&*82*82112\$*#%2*1A*G' 32*1'' 2*\$2' B=1(*AG*1'' 2*
%=1#' 1=A, '' , &*1A*I AC2*GA\$7' \$&*=, %12' &*AG*2NLB' =, =, 9*1'' 2*' 31=A, %*AG'EED^*JA#, 3-BU'J'' AA%2*
: =G2*#, &2\$%1' , &%*EED^*RZ#, 232%%=1(*AG*3\$2' 1=, 9*' , *2, C=\$A, I 2, 1*1'' 1*=%*' G2*GA\$*2C2\$(A, 2U'F 2*
%1' \$12&*%#992%1=A, %*1'' 1*J'' AA%2*: =G2*3A#B&*A4*TA\$*1'' 2*&=%1\$=8#1=A, *AG*G' B%

HI 2\$4*O%*1" 2*3AI I =1122*AG*EED^*1"" 1"" %822, *3"" \$92&*7=1" 1" 2*\$2C=27*AG*1" 2*RZ#=1(*
JAI I =1122)*&A, d1*(A#*G22B*1"" 1" 1" 2*RZ#=1(*JAI I =1122d%*\$2LA\$1%" A#B&*2L2, &*A, *1" 2*
&23=%A, *AG*1" =%*8A&(*, &*1"" 1*=1%" A#B&*82** 8B2*1A*2NLB' =, *23=%A, %*AG*1" =%*3A#, 3=Bc**
; ', , 4*72*** C2*L2, 1* *BA1*AG*1=I 2*1' B<=, 9* 8A#1*1"" 1*=%#2)*A, 32*72*\$2C=272&*1" 2*LAB=3()*=1*
I =9" 1*82*82112\$*1A*I AC2*GA\$ 7' \$&*7=1""*\$2G2\$2, 32*1A*1" 2*, 27*LAB=3(U*
HI 2\$4*F =BB*1" 2*, 27*LAB=3(* LLB(*\$21\$A' 31=C2B(*A\$=%* , (*AGG2, %2* 33A\$&=, 9*1A*1" 2*L' %1*LAB=3(c*
F A#B&*1" 2(%1=BB*** C2*1" 2*\$=9" 1*1A*=, Z#=\$21" 2*3AI I =1122d%*C=27*A, *8\$2' 3" 2%*1" 2*\$2AGc**
; ', , 4! "2*, 27*LAB=3(*7=BB*82*L#1*=, *LB' 32*1A*3B2' \$*#L*&2G=, =1=A, %* , &*L#1*=, 1A*LB' 32*3B2' \$*
#, &2\$%1' , &=, 9U*F =1" 1" 2*, 27*LAB=3(=, *LB' 32)1" 2(*7=BB*921* *%2, %2*AG*7"" 1*AGG2, %2%*** C2*
822, *3AI I =112&U*
HI 2\$4*@A, d1*(A#*G22B*1"" 1" %L23= B=02&*8A&(*=, *RZ#=1(*7A#B&*82** 8B2*1A*AGG2\$** *82112\$*=, %=9" 1*
=, *7"" 1" 31=A, *** &*A33#\$\$2&c**
; ', , 4*SG*(A#*7A#B&*B=<2*1A*L\$2%2, 1*(A#*\$23AI I 2, &' 1=A, %*1A*I 2)*(A#* \$2*72B3AI 2*1AU*
?AA, 2(4*; A7*7A#B&*(A#*3AI 8' 1" 1" 2I *G\$AI *** , &=, 9*A#1*G' B%2*=, GA\$I ' 1=A, c**
; ', , 4! "2(* C2*3AI 2*1A*#%* , &*%='&*1"" 1" 1" 2*\$*7A#B&*82*L\$=A\$<, A7B2&92* , &
\$2%LA, %=8=B=1(*AG*1" 2I *GA\$*=, GA\$I ' 1=A, U*
WQ*@AAB2(4! " 2%2*1" =, 9%*72\$2*9=C2, *1A*#%* 1" 1" 2*2, &*AG*1" 2*7" AB2*I 221=, 9)*72*** C2, d1*
&=%3#%2&*1" 2I =, *21' =B*(21U*F 2*7A#B&*82*1"" , <G#B*GA\$* BB*\$23AI I 2, &' 1=A, %)1" A#9"U*
Q\$2%=&2, 1*62=B%A, 4*JA#B&*(A#*3B' \$=G(*1" 2*\$2C=%A, %c**
; ', , 4*F 2*7=BB*82*3"" , 9=, 9*1" 2*LAB=3(*%1' 12I 2, 1)1" 2*3AI LB' =, 1*L\$A32%)*% *72BB* %*A1" 2*\$*
L\$A32%2%)* , &*3B' \$=G(*1" 2*&2G=, =1=A, %*%A*1" 1" , (8A&()*\$29' \$&B2%*AG*1" 2=\$<, A7B2&92*AG*
2Z#=1()*7A#B&*# , &2\$%1' , &*=1U*
F AABG4*F '%1" =%1" 2*G=%1)*GA\$2I A%1* , &*C2\$(*8' %=3*I 221=, 9*AG* *C2\$(*BA, 9*L\$A32%)*c**
; ', , 4*Y2%U**
F AABG4*F A#B&*(A#*%' (*1"" 1" 1" 2*RZ#=1(*JAI I =1122d%*VA8*=%*1A*2B#3=&' 12*1" 2*LAB=3(*1A*1" 2*3B#8)*
\$' 1" 2\$*1"" , *1" 2*&23=%A, *AG*3A#, 3=Bc**
; ', , 4*Y2%U**
Q2&, 2' #B14*5%*RZ#=1(*JAI I =1122*L\$2L' \$2&*1"" 1" 1" 2*3B#8%*1' 1#%*I ' (*, A1*82*\$2%1' \$12&c**
; ', , 4*S1*=%*A8C=A#%B(* *LA%=%8=B=1()*72* \$2*** AL=, 9*1"" 1" 1" =%*7=BB*, 2C2\$*** LL2,)72* \$2*** AL=, 9*
1" 1" 1" 2*17A*8A&=2%*3' , *3AI 2*1A* , *9\$22I 2, 1* , &*% =

Q\$2%=&2, 1*62-B%A, 4S*G=, &*1'' 1*1" 2*3A#, 3-B*%231=A, *-%LAA\$B(*7\$=112, **, &*A#1&' 12&*\$=9''1*, A7)*
' , &*% %AI 28A&(*7'' A''' 2BL2&*WQ*WQ*HBB2*7=1''*1" 2*7A\$&=, 9)*G#, 31=A, ' BB(*)72*' \$2, d1*3''' , 9=, 9'
' *BA1U*F 2*' \$2*%211B=, 9*A, **%AB#1=A, *1'' 1*7A\$<-%72BB*GA\$*#%U*S1* BBA7%*3A#, 3-B*1A*9AC2\$, *=1%2BG*
' , &*82*I A\$2*2GG=3=2, 1U*S*7-BB*(=2B&*1" 2*1=I 2*1A*1" 2*GBAA\$U*
6278#*\$9''4*F 2*\$232=C2&*1" 2%2*G\$=2, &B(* I 2, &I 2, 1%4*gE231=A, *-U" Ue*4*JA#, 3-B*%''' BB*, A1*1' <2'' *
LA%=1=A, *A, *2N12\$, ' B)*2N1\$2I 2B(*&=C=-C2*=%%#2*1''' 1* \$2*#, \$2B' 12&*1A*1" 2*AL2\$' 1=A, *AG*1" 2*
%1#&2, 1%*EA3=21(h*a*gS, *1" 2*2C2, 1*1'' 1* *3A#, 3-BBA\$*&22I %* , *-%%#2*L#\$%#', 1*1A*1" 2*L\$AC=%=A, *
=, *-U" Ue)*3A#, 3-B*I ' (*A, B(*1' <2'' *LA%=1=A, *A, *1" 2*=%%#2*L2, &=, 9'' *17AK1'=\$&%*I ' VA\$=1(*CA12*AG*
3A#, 3-BU*O, &*g?2LB' 32*O\$1=3B2*`U. *7=1''*1" 2*GABBA7=, 94*JA#, 3-BBA\$*VA=, =, 9'' 1*A\$' G12\$*1" 2*
%23A, &*T' BB'I 22I=, 9*%''' BB*82*p2B2312&*8(*CA12*AG*3A#, 3-B*1A* *3AI I =1122d'=, %12' &*AG*
p' LLA=, 12&*1A* *3AI I =1122*8(*1" 2*2N23#1=C2*3AI I =1122dU*
*

O8' <4*DA1=A, *1A*8\$=, 9*#L**'' A%1-B2*' I 2, &I 2, 14*n\$2' &%''' A%1-B2*' I 2, &I 2, 1*. 4*?2C2\$1*LA=, 1*
XU. ** , &*XU-*1A*1" 2*A\$=9=, ' B*7A\$&=, 9U**
6278#*\$9''4*OI 2, &I 2, 1%*3' , , A1*82*I ' &2*1A'' A%1-B2*' I 2, &I 2, 1%U*S=, C=12*1" 2*A1" 2*\$AG*1" 2*
' A%1-B2*' I 2, &I 2, 1*1A*82*1" 2*G=\$%1*L2' <2\$U*
O8' <4*EAI 28A&(*% '=&*%AI 21''=, 9*GA*\$G\$22&AI *AG*L223'')S*7A#B&*B=<2*1A*8\$=, 9*GA\$7' \$&*I A\$2*
B29=%B' 1=A, *GA\$*9\$2' 12\$*' 33A#, 1' 8-B=1(U*gO*%AA, **%LA%%=8B2h*=%*, A1*C2\$(*3B2' \$U*F 2*''' C2*%22, *
%AI 2*I A1=A, %*8\$A#9''1*82GA\$2*3A#, 3-B*1'' 1*72\$2*C2\$(*=I LA\$1' , 1U*F 2*''' C2, d1*&=%3#%2&*XU. *
' , &*XU-U*F 2*&=#%2*'=1*1" 2*3A, %=&2\$' 1=A, *AG*1" 2*8#&921U*J''' , 9=, 9*8(B' 7*%=%2Z#' BB(*
=I LA\$1' , 1U*S%1\$A, 9B(*#\$92*3A#, 3-BBA\$*1A*%#LLA\$1'' \$1=3B2' . /U. **%=1*7' %U! "2\$2*=%, A*\$2' %A, *
1'' 1*1" 2*L2' <2\$%*3' , d1*LA*1*1" 2*I A1=A, %A, *1" 2*EED^*728%=12*GA\$*92, 2\$' B'=, GA\$1 ' 1=A, U*F=1''*
I A\$2*1=I 2)*3A#, 3-BBA\$*3' , * 31#' BB(*3A, %=&2\$*1" 2*&A3#I 2, 1%*1'' 1* \$2*8\$A#9''1*82GA\$2*%#U! "2*
8(KB' 7%*L\$A1231*1" 2*=, 129\$=1(*AG*1" 2*EA3=21(U*SG*(A#*&A, d1*''' C2*1=I 2*1A*BAA<*1* , (*&A3#I 2, 1%)*
BAA<*1*1" 2*8(KB' 7*3''' , 92%U*S1*=%*2N1\$2I 2B(*=I LA\$1' , 1*1'' 1*3A#, 3-BBA\$*''' C2*2, A#9''*1=I 2*1A*
BAA<*1*1" 2I U*
Y#4*S1''=, <1'' 1*1" 2*\$2C2\$%=A, *AG*1" 2*A\$=9=, ' B*\$#B2*=%*# , , 232%%' \$(*K*=1%'' A#B&, d1*82*%A*#\$92, 1*
1A*3''' , 92*8(K

I ' <2*8(KB' 7*3'' , 92%1'' 1* \$2*3A, GB=31=, 9*7=1''*A1'' 2\$*8(KB' 7%U*SG*1'' 2\$2*7' %* 3AI I =1122*
3'' \$92&*, *\$2C=27=, 9*=1)%#3''*2\$A\$%*7A#B&, d1'' LL2, U*
Y#4\$*7A#B&*B=<2*1'' 1*72*7A#B&*L#1*1'' =, 9%* =, *L2\$%L231=C2U*H#\$*3A, %1=1#1=A, ' B*8(KB' 7%*9AC2\$, *
2C2\$(1'' =, 9U! ''=%*I A1=A, *=%*A, 2*AG*1'' 2*=I LA\$1' , 1*A, 2%U*S1*&A2%L#1'' , A1'' 2\$*B' (2\$*AG*
8#\$2' #3\$' 3(*A, *1'' 2\$2U*S1d%* 8A#1*8(KB' 7%)*, A1*=I I 2&= 12*2N23#1=C2* 31=A, %U*S*&A*, A1%22'' A7*
1''=%*I A1=A, *3A#B&*82*ALLA%2&U*
HI 2\$4*F A#B&*1'' 2*2N=%12, 32*AG* *JA, %1=1#1=A, ' B*?2C=27*JAI I =1122*, 22&*GA*\$2C2\$(*8(KB' 7*
3'' , 92*1A*9A*1'' \$A#9''*1'' 2*3AI I =1122c**
6278#\$9'' 4n\$2' &%*I ' , &' 12*AG*JA, %1=1#1=A, ' B*?2C=27*JAI I =1122oU*SG*1'' 2\$2'' \$2*8(KB' 7%*1'' 1*
3AI 2*1A*1'' 2*3A#, 3=B)*1'' 2(*3' ,)8#1*&A, d1'' C2*1A*9A*1'' \$A#9''*1'' 2*3AI I =1122U*
Y#4*H, *\$2GB231=A,)*I (* , %72\$*=%* , AU*
F AABG4*QA=, 1*AG*S, GAS I ' 1=A, *a*=%, d1*1'' 2*3A, %1=1#1=A, *A, B(*%#8V231*1A*\$2G2\$2, &' c*S%, d1*=1'' B%*A* 1*
1'' 2*EL2' <2\$d%*&=%3\$21=A, *-G%*A I 21'' =, 9*=%*3A, %1=1#1=A, ' BB(*C' B=&c**
6278#\$9''

08' <4\$*2' BB(*1"=, <*1"' 1*72* \$2' BB* 7' \$2*7"' 1*%9A=, 9*A, *, *; ' =1=UO^E)*E^E*, &*A1" 2\$*
G' 3#B1(*A\$9', =0' 1=A, %"' C2*&A, 2*' G', 1' %1=3*VA8*=, *2' 31=, 9*1A*1" 2*3\$=-%U! " 2*O^E*d#*
G#, &\$' =%=-, 9*2GGA\$1%&A*%1AL*A, *DA, &' ()1" A#9" U'D', (*AG*#%3' \$2' 8A#1*1" =%-%#2U\$*3', , A1*
#, &2\$%1', &*1" 2*L' =, *1"' 1*1" 2*L2ALB2* \$2*9A=, 9*1" \$A#9" U'F 2* \$2* BB*9A=, 9*1" \$A#9" *1 ' , (*
1"=, 9%) *8#1*1" 2*L2ALB2*, *; ' =1=* \$2*9A=, 9*1" \$A#9" *' BA1U'F 2" \$2*C2\$(*L\$-C-B292&)" , &*72*
%'' A#B&*'' A*7*3AI L' %%=A, U\$1*7A#B&*82*=, *9AA&*G' =1"*GA\$*EED^*1A*9A* " 2' &* , &* \$' =%2*G#, &%U'
! " 2*3' L=1' B*AG*; ' =1=*'' %*822, *\$2 &*1A*\$#88B2)*A*=1*7-BB*1' <2* *BA, 9*1=I 2* , &* \$2Z#=\$2*BA, 9K
12\$ I *' *72BB* %%" A\$1K12\$ I *I 2' %#\$2%U\$<, A7*1"' 1*1" 2\$2*=%' B\$2' &(*82=, 9*1"=, 9%*&A, 2)*8#1*
" 2\$2*(A#*3' , , A1*&A2, A#9" U'F 2*3' , %'' A7A#\$*B2' &2\$%'' =L* , &%'' A7" A7*72*3' \$2*, A1*A, B(*
' 8A#1%1#&2, 1%" 2\$2U\$*" C2%LA<2, *1A*1" 2*O^E*JA#, 3-B)1" 2*MB' 3<E1#&2, 1*6217A\$<)* , &*
A1" 2\$*A\$9', =0' 1=A, %U#1*EED^*'' A#B&*L\$AC=&2* BB*\$2%A#32%1" ' 1*1" 2(*3' , U! " 2*WQ*RN12\$, ' B*
' '*2NL\$2%%2&*1" 2*LA%-8-B=1(*AG*%1' \$1=, 9*AG*1" 2%2*G#, &%U'F 2* \$2*" C=, 9* *I 221=, 9*B' 12\$*A, *1A*
&=%3#%A#\$*%1\$ 129(U\$1*7-BB*1' <2*; ' =1=* *BA, 9*1=I 2*1A*\$23AC2\$)* , &*EED^*3' , *2' 3" A#1*1A*
AC2\$- /) // *%1#&2, 1%U'F 2*" A#B&* BB*921*A, *8A' \$&U*
D' 4*RGGA\$1%1A7' \$&*%; ' =1=*'' C2* B\$2' &(*822, %1' \$12&U'M#1* *EED^)*72*" C2*9\$2' 12\$*LA72\$*
1A*3A, , 231* I A\$2*L2ALB2U'F 2*3' , *I ' <2* I A\$2*" LL2, *GA\$#, =12&*2GGA\$1%1" 1*7-BB* I ' <2*
9\$2' 12\$* 3" =2C2I 2, 1%U*
M\$=A, 2%4*EAI 2*L2ALB2*\$<, A7*&=&, d1* <, A7*7" ' 1*7' %*9A=, 9*A,)%A*" C=, 9*1" =%* I A1=A, *L' %%2&*
7-BB*3AI 8' 1* L' 1" (* , &* \$' =%2* 7' \$2, 2%*GA\$1" 2*LAC2\$1(*AG*; ' =1=U\$1*7-BB*" 2BL*; ' =1=\$2K
2%1' 8B=%'' =1%2BGU'Y' (q**
WQ*?A, &2\$A*KDA\$9', 4\$* I *C2\$(*=, *G' CA#\$*AG*1" =%U'Q>EE*" %' *G#, &\$' =%=-, 9*LB' , *AG'=1*A7, U'
RC2\$(A, 2%" A#B&*82*=, GA\$ I 2&*7" ' 1" %*822, *9A=, 9*A, U! " =%2GGA\$1*7-BB*LA12, 1= BB(*B2' &*1A*
VA=, =, 9*GA\$32%7=1" 1" 2I)=1*%=I LA\$1' , 11" ' 1A#\$*=, =1= 1=C2*%=, *3A, 32\$1*7=1" A1" 2\$*
=, =1= 1=C2%*A, *3' I L#%U\$*\$2' BB(*' AL2*1" 1*3A#, 3-B*2, &%#L*82=, 9*3ABB' 8A\$' 1=C2*7=1" A1" 2\$*
=, =1= 1=C2%*A, *3' I L#%U*
Q>EE*?2L4\$%L2' <*, *G' CA#\$*AG*1" =%* I A1=A, U'F 2*" &* *L' , 2B*&=%3#%%=A, * , &*7-BB*" C2* * , &* BB*
' L' \$1() I A, 2(*7-BB*9A*1A7' \$&*@A31A\$*7=1" A#1*MA\$&2\$%)1" 2\$2*7-BB* B%*A*82* I ' , (*A1" 2\$*
2C2, 1%U'F 2*3A#B&*'' C2*A, 2*LAAB*AG' I A, 2(*3AI =, 9*G\$AI *D3>=BB*%1#&2, 1%U\$1d%" *1\$' 92&(*1" 1*
' GG231%* BB*AG*#%U*
PA\$2, ' 4! " 2*O^E*" C2*822, *G#, &\$' =%=-, 9%=-, 32*1" 2*B' %1! " #\$\$&' ()' , &* \$2*L\$A8' 8B(*#L*1A*
\. b) // *8(*DA, &' (U'D3>=BB*%23#\$=1(*=3*WQ*HBB231=, 9*GA\$1" 2*?2&*J\$A%)" , &*72*7-BB*82*
" 2BL=, 9*%23#\$=1(*&A*1" U! " 2(*7' , 1*1A" C2* , * 92, 1*7' B<=, 9* \$A#, &*7=1" *%1#&2, 1U'QB2' %2*
3" AA*2*1" 2*?2&*J\$A%)HNG' I)A\$*@A31A\$*7=1" A#1*MA\$&2\$*=%*(A#*7' , 1*1A*&A, ' 12)* %1" A%2*
' \$2* BB*C2\$(*\$23A9, =02&* , =1= 1=C2%U*
6278#\$9" 4! " 2\$2*7' %' *G\$=2, &B(* I 2, & I 2, 14*gm2*S1*T#\$1" 2\$*?2%ABC2&*1" 1*EED^*7-BB*
&A, ' 12*\ \ /*A#1*AG*1" 2*RN12\$, ' B*OGG' =*\$*8#&921Uh*

Y#4\$V#%1*7' , 1*1A*\$' =%2*1" 2*3A, 32\$, *AG*7" A*72* \$2*9A=, 9*1A*&A, ' 12*1AU\$*&A, d1*1"=, <*1" 1*1" 2*
C=31=I %' \$2*C=31=I %*AG* * , ' 1#\$' B*&-%12\$)*8#1*AG*LAAS*=, G\$' %1\$#31#\$2U\$1" %*9A, 2*G\$AI *' %2BGK
%#GG=3=2, 1*23A, AI (*1A" *' #92*\$=32=I LA\$12\$)" , &*1" 2*SDT" %*3#1*L#8B=3%231A\$*=, 3AI 2'=, *
' ' BGU'EA*7" A* \$2*72*L' (=, 9c*QA\$1K' #KQ\$=, 32*%# , &2\$I -B=1' \$(*3AI I ' , &*AG*1" 2*^E*O=\$3\$' G1U'
JA, %=&2\$=, 9*1" 2*^EK; ' =1= , *' =%1A\$()1" 2*^E*3A, 1\$ABB=, 9*1" 2* =\$LA\$1=%, d1*9\$2' 1U'O\$2*72*L' (=, 9*
GA\$1" 2* =\$LB' , 2%*3=\$3B=, 9*1" 2* =\$)A\$1" 2*L2ALB2*A, *1" 2*9\$A#, &c**
WQ*@AAB2(4F 2%" A#B&*82* 7' \$2*1" 1*72*9=C2*1" =%1A*A\$9', =0' 1=A, %1" 1*72*3' , *1\$#%1U! " =%*%
%211=, 9* *L\$232&2, 1)72*" C2, d1*&A, 2*1" =% , *1" 2*L' %1' , &*72%" A#B&*82* 7' \$2*1" 1%1#&2, 1%
I =9" 1*2NL231*1" 1=, *1" 2*G#1#\$2U*

D2"1' 4S*G=, &*1"=%I A1=A, *%C2\$(*LAA\$B(*LB' , , 2&)*1%" A#B&*82*C2\$(*I #3"*I A\$2*&21' -B2*&7" A* 72" \$2*9A=, 9*1A*&A, ' 12*1A)" , &* LL' \$2, 1B() *1" 2*1\$' , %LA\$1' 1=A, *AG* =&=%&=GG=3#B1*1AAU! " 2\$2* ' \$2* B%A* 7' (*1AA* I ' , (*9\$A#L%*%#LLA\$1=, 9*; ' =1)*V#%1%1' \$1=, 9*#L* I A\$2" , &* I A\$2% I ' BB* L\$AV231%=%* 7A\$%2*1" ' , *3AI 8=, =, 9*1" BBUS*\$2V231" BB*8#1" 2*3B' #%2*1" ' 1E28' %1=, *3A, 1\$-8#12* I A, 2(U

F AABG4*D' (82*72%" A#B&*3A, %= &2\$%#LLA\$1=, 9* 'BA3' B*; ' =1=, *A\$9' , =0' 1=A, =, %12' &*AG* *9\$2' 1* =, 12\$, ' 1=A, ' B*A\$9' , =0' 1=A, U

Q2&, 2' #B14*S*7A#B&*AL2*1" ' 1" , (*BA, 9K12\$I *2GGAS*AG*2, %\$=#, 9*%1' 8-B=1(*, *; ' =1=*7A#B&*1' <2* =, 1A*3A, %= &2\$' 1=A, *1" ' 1' I ' , (*AG*A#\$*B2' &2\$%*a^E' , &*J' , ' &' a" C2*822, *3AI LB=3=1*, * %*#LLA\$1=, 9*1" 2*L\$2C=A#%*9AC2\$, I 2, 1" , &*1" 2*A#%1=, 9*AG*%2C2\$' B*; ' =1=, ' B2' &2\$%U! " 2*G' 31* 1" ' 1" 2\$2*7-BB*82" *I 221=, 9*=, *DA, 1\$2' B*AG*J' , ' &=,)OI 2\$=3' , * , &*SDT*AGG=3= B%* I A, 9%1* A1" 2\$%=%2I 8B2I ' 1=3*AG*1" 2*%=1#' 1=A, U"

6278#\$9" 4O*\$2%ABC2&*3B' #%2*" ' %822, ** &&2&4gM2=*1G#\$1" 2\$*2%ABC2&*1" ' 1*3A#, 3-B*1\$=<2" * 3AI I =122*1A*B2' &*1" 2%2*2GGAS*1%h*

HI 2\$4*DA1=A, *1A*L\$2C=A#%*Z#2%1=A, U** " &-*&(\$-&\$83, =*&' :\$V' , :-*&(\$81::, 40\$\$

F, :&+ ' -*&(\$F, . 134*(. \$^1*-\$F, +*, >\$H>>&3-: \$81::, 40\$\$

/70H\$P*:) ' : : *&(\$8, 3-1*((. \$-&\$-?, \$E3*() *81+: _\$Z1: Y\$N&3), \$

WQ*@AAB2(4S*9A1*=, L#1*G\$AI *JA#, 3-BBASP2\$2%123=)** , &*1"=%*%7" ' 1*72*3' I 2*#L*7=1")=1d%* * 3A, &2, %2&*C2\$%=A, *AG*1" 2*I ' =, *LA=, 1%U! " 2*! ' %<TA\$32*=%*A, *@=C2\$%=1(*)RN32BB2, 32)" , &* JAI I #, =1(*R, 9' 92I 2, 1U\$1d%*A, B(*, * &C=%A\$(*3AI I =122)%A*72*V#%1*7' , 1*1A*921*A#\$*I ' =, * \$23AI I 2, &' 1=A, %*A, *1" 2*\$23A\$&)*8#1" 2*Q\$=, 3=L' B*7-BB*&23-&2*7" ' 1*1A*1' <2*#L*U\$, 1" 2*1AL=3* AG*&=C2\$%=1(*)*72*7-BB*\$23AI I 2, &*1" ' 1" 332%=-8-B=1(*AG*2' 1=A, *%<2(*1A*\$2' 3"*A#1*1A* I ' \$9=, ' B=02&*3AI I #, =1=2%)" , &*1" B%A*, 22&%*" , * 33AI I A&' 1=, 9)*2Z#=1' 8B2*2, C=\$A, I 2, 1U ! " 2,)*72* %<2&*1" 2*Z#2%1=A,)*7" ' 1*2C2, *%2N32BB2, 32* 1*1" 2*#, &2\$9\$' &#* 12*B2C2Bc*D3>-BB* 12, &*1A* I 2' %\$*2*2N32BB2, 32* BA, 9*2N12\$, ' B*3AI L' \$=%A, %U\$F 2%" A#B&*\$23AI I 2, &*1" ' 1' =, 12\$, ' B*2C' B#* 1=A, *AG*2N32BB2, 32*=%=I LA\$1' , 1*1AAU\$F 2*<, A7*1" ' 1*D3>-BB*=%*DA, 1\$2' Bdf* G' CA#\$=-12=, %1=1#1=A, * , &*1" ' 1" 2(* BB*BAC2*1" ' 1*72d\$2" ' 2\$2U\$TA\$%AI 2*\$2' %A,)JA, 3A\$&=* &A2%, d1" C2*1" 2*% I 2*L\$A8B2I ** %*%#U\$F 2%" A#B&*BAA<=, 1A* I A\$2*2, 9' 92I 2, 1*7=1" BA3' B' , &* 3AI I #, =1(*9\$A#L%U\$G*A#\$*BA3' B*3AI I #12\$%G22B*B=<2*A#1%=&2\$%*, *A#\$*3AI I #, =1(*)" A7*7-BB* 1" 2*BA3' B*3AI I #, =1(*G22Bc**

>' \$AG' BA4*F " ' 1*=%*7\$A, 9*7=1" 1" 2*7A\$&*=&C2\$%2c**

WQ*@AAB2(4*; A7*=1*%*%#* BB(* LL\$AL\$=' 12&U**

5' =&4*F " ' 1*(A#%*' =&* 8A#1" 332%=-8-B=1(*)D3>-BB*=%" C=, 9* *A#8B2*&=%3A#\$%2r*7" -B2*D3>-BB*=% LB' , , =, 9*1A*\$' =%2*1#=#1=A,)1" 2(*7' , 1*1A*\$2' 3"*A#1*1A* I ' \$9=, ' B=02&*3AI I #, =1=2%U*

WQ*@AAB2(4! " ' 1*=%*1\$#2U\$H, 2*1" =, 9*1" ' 1%1#&2, 1%" C2*AG12, *8\$A#9" 1*#L' =%1" ' 1*72" \$2* &=C2\$%2*, ** '\$ 3= B*A\$*A1" 2\$*7')(*8#1*, A1*23A, AI =3' BB(U*

WQ*M\$A7, 4*EAI 2*G22B*1" ' 1*\$2%=&2, 32%" \$2" , *AC2\$2L\$2%2, 12&*I =, A\$=1(*AG*A#%\$%1#&2, 1%U ! " 2\$2*=%" , *2, 1=\$2, 217A\$<*AG* &C=%A\$%*213*GA\$2%=&2, 32%)*8#1*, A1" =, 9%=I -B' \$*2N=%1%GA\$, A, K \$2%=&2, 32*L2ALB2U

WQ*@AAB2(4! " =%*%A, B(* *8#BB21KLA=, 1*GAS I *AG*A#\$*LA=, 1%U\$F 2*\$2GB231*1" ' 1)*S*82B=2C2U*

Q2&, 2' #B14*F A#B&*, AK1#=1=A, *LAB=3(*" 2BL*1A=, 3B#&2* I \$9=, ' B=02&*3AI I #, =1=2*c*F A#B&*(A# B=<2*1A%#992%1" ' 1c*

WQ*@AAB2(4S*7A#B&*B=<2*1A*&A*1" ' 1U*

*

/7N0\$X' , :-\$: 8, 1Y, 3:\$` \$Z1%HD\$HI ,)' -*=, :0\$\$

*

WQ*?A, &2\$A%KDA\$9' , 4*! "=%=%*' , *=

!)"

"

+29A#*4*O31#2BB2I 2, 1)*B2*! ' JR_ *G' =1*#, 2*9\$' , &2*&=GGs\$2, 32*%#\$*B2*LB' , *L\$AC=, 3= BU@2%
A\$9' , =%' 1=A, %*, &sL2, &' , 12%V' &=%* C' =2, 1*82' #3A#L*&2*I A#C2I 2, 1)*21*&2*LA#CA=)\$*21*3' *
G' =1*#, 2*9\$' , &2*&=GGs\$2, 32U*H, *3\$s2*#, 2*%=1# 1=A, *#, =Z#2*A#*A, *2%1*2, 1\$2*#, *I A#C2I 2, 1*
\$' &=3' B)*21*#, *I A#C2I 2, 1*\$u%*A\$9' , =%sU@' , %*[*' , %)*A, *2%Lu\$2*Z#2*B2%*\$2B' 1=A, %*%2\$A, 1*LB#%
"A\$=0A, 1' B2%*21*I A=, %*C2\$1=3' B2%U*
WQ*?A, &2\$A%KDA\$9' , *4! " 2*! ' JR_ *=%L\$2%2, 1=, 9*=1%2B6*GA\$1" 2*G=%1*1=I 2* %* *1" =#\$*AL1=A,)
2%L23=' BB(*7=1"=, *1" 2*I A\$2*\$' &=3' B*OEER* , &*1" 2*I A\$2*=, %1=1#1=A, ' B=02&*TR^_) , &*** C=, 9* *
I A\$2*"A\$=0A, 1' B*%1\$#31#\$2*=, *7"=3"*1" 2*I 2I 82*\$A\$9' , =0' 1=A, %*** C2* 'BA1*AG%' (*%21%* , *
=I LA\$1' , 1*L\$232&2, 1*S, *[*(2' \$%)*1" 2*%1\$#31#\$2*AG*1" 2*%1#&2, 1*I AC2I 2, 1*7=BB*L\$A8' 8B(*
823AI 2*&=GG2\$2, 1)*823AI 2*I A\$2*"A\$=0A, 1' B*7=1" *9\$2' 12\$*=, &2L2, &2, 32U*
WQ*@=' 04*_#2BB2%*%A, 1*CA1\$2%*%1\$' 1s9=2%*&d' 9\$' , &=%%2I 2, 1*&2*B' *! ' JR_ *r*3AI I 2, 1*CA#%*
A\$9' , =%20KCA#%*c*
+29A#4F 2*** C2I 2I 82\$% "=L*=, *E" 2\$8\$AA<2)*1" 2*^_! ?*I AC2I 2, 1*** C2*B2G1*1" 2*TR^_* , &*

