

! "#\$%&'()*+,-!
./0112&13&456/#,)1(&71*%"(#(/%&. ,#,%8%(,!
! "#\$%&'(\$)*+',-,.!

&

!

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

&

! " # \$ % & ' !

(") * & + * , - %

- . /01&23451. 64! 7!
&

4!

GBC&&&&&/ - D4346! . /!451&6! . 2)! 2. 1!

&!

. "! 44483, ' !

4!

IC3483, ' 4&:41C3457C&&=4&:4<067, 1&\$' 4%41C343P3761\$234&:::\$73*4, ' O4%C, =4S34*3%>&' %S=341&41C3473' 1*, =4
, O- \$' \$%1*, 1&\$' 4&:41C34T' \$23*%\$1G4, ' O41C3457C&&=4&:4<067, 1&\$' 4:, 76=1G4, ' O4%1603' 1%"44/47C\$3:4:6' 71&\$' 4&:4
1C%4&:::\$73*4%41&4- , \$' 1, \$' 41C34S3%14>&%%\$S=34-3, '*' \$' +43' 2\$*' &' - 3' 14W\$1C\$' 41C34S*&, O4%7&>34&:4T' \$23*%\$1G4
, ' O457C&&=4&:4<067, 1&\$' 4>&=\$7\$3%U*6=3%A, ' O4*3+6=, 1&\$' %"!

4!

IC3483, ' 4%C, =Z!

4!

!"4444V&*LAW\$1C41C34:, 76=1G41&4>* &2\$O3+*&W1C4, ' O4%1, S\$-\$1G4\$' 41C343067, 1&\$' , =4>* &+*, - %4&:41C3457C&&=4
("4444%6>>&*14, ' O4O\$*3714>* &+*, - %4&:4\$- >* &23- 3' 14, ' O4>* &2\$O34OG' , - \$74-3, O3*%C\$>41&41C34:, 76=1G4, ' O4
%1, ::!

. "4444S34*3%>&' %S=34:&*4*37&- - 3' O\$' +41&41C34)*3%\$O3' 14&:41C34T' \$23*%\$1G4&*41C34)*3%\$O3' 1[%4O3%\$+' 33U
1C34, >>&\$' 1- 3' 1U, %\$+' - 3' 1U1*, ' %:3*U4>* &- &1&\$' UO3- &1&\$' UO\$%- \$%%, =4, ' O9&*4%6%>3' %\$&' 4&:4
:, 76=1G4&*4%1, ::4- 3- S3*%4&:41C3457C&&=4

? "4444%6S- \$14, ' 4, ' ' 6, =4S60+314:&*41C3457C&&=4

A"4444, >>* &23U, ' O4O\$*371U\$' 4, 77&*O, ' 734W\$1C4S6%\$' 3%4>* &7306*3%A&:41C34T' \$23*%\$1G42, *\$&6%A>6*7C, %3%A
, ' O43P>3' O\$16*3%AW\$1C\$' 41C34S60+31!

B"4444O- 1(4) - 7- 715586. 00(W)1(\$)- 1(' \$)2&U

*****4, %1- 11(1)6\$' m' *

6' 03*+*, 06, 134=323=4>*3>, *346>0, 13%97C, ' +3%A:*&- 41C34a, ' ' 3*4, ' 04a=, 7LS&, *04%G%13- %4, ' 04
, 0- \$' \$%1*, 1\$234:6' 71\$&' %4:&*4:, 76=1G`4, ' 04- , G4, =%&4C, 234, 00\$1\$&' , =4061\$3%4, %4, %%\$+' 304SG41C3403, ' "!

4!
. ". 4448\$*371&*4&:4; &' 1\$' 6\$' +4<067, 1\$&' 4, ' 04)*&:3%%\$&' , =48323=&>- 3' 1!

4!
I C348\$*371&*4&:4; &' 1\$' 6\$' +4<067, 1\$&' 4, ' 04)*&:3%%\$&' , =48323=&>- 3' 14\$%41C347C\$3:4, 0- \$' \$%1*, 1&*4&:41C\$%4
6' \$14W\$1C\$' 41C3457C&&=4&:4<067, 1\$&' "4I C348\$*371&*4&:4; &' 1\$' 6\$' +4<067, 1\$&' 4, ' 04)*&:3%%\$&' , =4
8323=&>- 3' 14%C, =4S34, 4- 3- S3*4&:41C3483, ' @4/O- \$' \$%1*, 1\$234; &6' 7\$="!
V3%>&' %\$S-\$1\$3%4\$' 7=603Z!

4!
!_ 56>3*2\$%34&' -\$' 34=3, *' \$' +40323=&>- 3' 14W\$1C\$' 4; &' 1\$' 6\$' +4<067, 1\$&' 4, ' 04)*&:3%%\$&' , =48323=&>- 3' 1!"

e /=-4- 3- S3*%4C&6=04*3>&*14&6141C34W&*L4&:41C347&6' 7\$-4, 14, >>* &>*\$, 134- 331\$' +%4^3"+U403>, *1- 3' 1U
%1, ::U4>* &+*, - _!"
e #=\$' 613%A&*4, 4- 331\$' +4*3>&*14C&6=04S347\$*76=, 1304, - &' +4:, 76=1G4, ' 04%1, ::4, :13*43, 7C4- 331\$' +4&:41C34
7&6' 7\$="!

4!

!"#\$%&'()*+(-./:;@,1#2-.(1),+3(./, #&' 4,+15,. 06(' \$,' 1.7#.#. (-,4*/&' 8/,-,+9,' -1.)+/' :. %' 1#.; 8. 1%. #,/ ' #. (<O+). =#/+/8#=' 9,
%+9. . 9>?@+&1=ABBC=6D,ECF0!

!

@+&1=H0,I0,?ABBC0,"#\$%&'()*+(-./:;@,1#2-.(1),+3(./, #&' 4,+15,. 06(' \$,' 1.7#.#. (-,4*/&' 8/,-,+9,' -1.)+/' :. %' 1#.; 8. 1%. #,/ ' #. (<O+). =#/+/8#=' 9,
LBMNEMK0,&//6#0PP5' 0' 9)PAC0M0CEPMLMFE! =, ?K6=,

4!

. "A4444/7, 03- \$7483>, *1- 3' 1%!

4!

. "A! 444444J3, 03*%C\$>U4; &6' %3=\$' +U4, ' 04/06=148323=&>- 3' 1!

!

4

. "A(444444I 3, 7C\$' +4, ' 04J3, *' \$' +!

4!

. "B44483>, *1- 3' 14; C, \$*%!

4!

I C3*34W\$=4S34, 47C, \$*4&*41W&47&R7C, \$*4: &*43, 7C4, 7, 03- \$7403>, *1- 3' 14\$' 41C3457C&&=4&:4<067, 1\$&' !
83>, *1- 3' 14; C, \$*%9; &R7C, \$*%4C, =4S34- 3- S3*%4&:41C34F, 76=1G4&:4H' %1*671\$&' 4, ' 0U46>&' 4*37&- - 3' 0, 1\$&' 4
&:41C34- 3- S3*%4&:41C3403>, *1- 3' 1U4C, =4S34, >>&\$' 1304SG41C3483, ' "4I C3413* - 4&:4, >>&\$' 1- 3' 14W\$=4S34
\$' 03:\$' \$13U!S6141C34:, 76=1G4W\$=4- , L34, 4*37&- - 3' 0, 1\$&' 4323*G41W&4G3, *%!"
H' 4, 00\$1\$&' 41&41C34061\$3%A-\$%13046' 03*4FF, 76=1G4&:4H' %1*671\$&' fU41C3403>, *1- 3' 147C, \$*4C, =?!

444444!

!"447&&*0\$' , 134:, 76=1G4>3*%&' ' 3-4>*7306*3*4W\$1C\$' 41C3403>, *1- 3' 14, ' 04- , L34*37&- - 3' 0, 1\$&' %
*3+, *0\$' +4C\$*\$' +U4\$' 0671\$&' U4*313' 1\$&' U40323=&>- 3' 1U>* &- &1\$&' U4, ' 0413' 6*3!

("447&&*0\$' , 13476**\$76=6- 4Q/G\$g0. 0196078&824000=60. 241515586- 12415586. 92cmBT- 0. 0015Tc4600461294. 261- 046236. 9

4!

/O2\$%\$' +Z!

4!

4N"444> *2\$034, O2\$%3- 3' 14:&*4%1603' 1%U&*O\$' , *\$-G4\$' 7=60\$' +4, 4- \$' \$- 6- 4&:4.\$234\$' R&:.\$734C&6*A>3*4W33L4
, ' O43- , \$4, ' O9&*4&' =\$' 34, 2, \$-, S\$=\$1G"4', >>*&2304N9((9! A_!

! O"44- , \$' 1, \$' 43%%3' 1\$, =4, O2\$%334*37&*O%!

!! "44W&*LAW\$1C4&1C3*4:, 76=1G41&432, =6, 13UO323=&>4, ' O4\$- >=3- 3' 14, 4W&*L, S=34>=, ' 4:&*4*37*6\$1- 3' 14&:4
' 3W4%1603' 1%!

! ("44W&*LAW\$1C4&1C3*4:, 76=1G41&432, =6, 134, ' O4*37&- - 3' O4, 773>1, ' 734&*4*3d371\$&' 4&:4, =4, >>=\$7, 1\$&' %4:&*4
O3+*334>*+*, - %!

4!

53*2\$73Z!

4!

! . "44, 113' O4, ' O4>, *1\$7\$>, 134\$' 4*3+6=, *4, ' O4%>37\$, =4- 331\$' +%4&:41C3403>, *1- 3' 14, ' O4&:41C3457C&&=4&:4
<O67, 1\$&' !

! ?"44, 113' O4, ' O4>, *1\$7\$>, 134\$' 4, >>*&>*\$, 134, 71\$2\$1\$3%A&:4&1C3*4&*+, ' \$], 1\$&' , =46' \$1%4W\$1C\$' 41C3457C&&=4&:4
<O67, 1\$&' 4, ' O4&1C3*46' \$1%4&:41C34T' \$23*%\$1G!

! A"44d&\$' 4, ' O4>, *1\$7\$>, 134\$' 4, >>*&>*\$, 134>*&:3%%\$&' , =4&*+, ' \$], 1\$&' %RR=&7, =U%1, 134, ' O4' , 1\$&' , =!

! B"44, 113' O4, ' O4>, *1\$7\$>, 134\$' 4- 331\$' +%4, ' O47&' :3*3' 73%A>3*1\$' 3' 141&41C34>*+*, - %4&:41C3403>, *1- 3' 1!

! D"44- , \$' 1, \$' 47&' 1, 714, ' O4>*&2\$034\$, \$%&' 4W\$1C4>*&:3%%\$&' , =4U, +3' 7\$3%A, ' O4>*+*, - %4&61%\$0341C34
T' \$23*%\$1G!

! M"44>, *1\$7\$>, 134\$' 43067, 1\$&' , =43' 13*>*\$%3%A, ' O4*3=, 13O4, 71\$2\$1\$3%A\$' 41C347&- - 6' \$1G!

4!

444457C&=, *\$G4/71\$1TJETQq. 24000. 2\$1G

e V32\$3W4, ' O42&1341&4, >>*234&*403' G47C, ' +3%4\$ 47&6*%341\$1=3U47&6*%34' 6- S3*U4, ' O47&6*%34037*%>1\$&' 4
7*%&%4-\$%1\$' +4&:47&6*%3%AV\$1C4&1C3*4>*+*, - % 4>*3*3\6\$%134*3\6\$*3- 3' 1%4:&*43' *&=- 3' 14\$ 47&6*%3%4
&*4, ' G4&1C3*4\$13- %41C, 14\$- >, 7141C347, 1, =&+!"

e V32\$3W4, ' O4, >>*234>*&&%304&*4*32\$%304, 7, O3- \$74>*+*, - %4, ' O476**\$76=6- 4\$' 4, =403>, *1- 3' 1%4, ' O4
>*+*, - %4\$' 41C3457C&&=4&:4<O67, 1\$&' 4*3"+U4; &6' %3-\$' +4, ' O4J3, O3*%C\$>U4; &' 1\$' 6\$' +4<O67, 1\$&' 4, ' O4
)*&:3%\$\$&' , =48323=&>- 3' 1U48&71&*, =41 3, 7C\$' +4, ' O4J3, ** '\$' +_!"

4!

51*6716*3Z4I C34- , L36>4&:41C342&1\$' +47&- - \$11334%C, =4\$' 7=60341W&43=371304:, 76=1G4- 3- S3*%A:*&- 43, 7C4
O3>, *1- 3' 1U4&' 34*3>*3%3' 1, 1\$234:*&- 4; &' 1\$' 6\$' +4<O67, 1\$&' 4, ' O4)*&:3%\$\$&' , =48323=&>- 3' 1U4, ' O41C34
/%&&7\$, 13483, ' 4, %4, 4' &' R2&1\$' +4- 3- S3*_4#3- S3*%AV\$=4%3*234:&*41C*334G3, *%AV\$1C4%1, ++3*30413*- %U4, ' O4
1C342&1\$' +4- 3- S3*%A&:41C347&- - \$11334W\$=43=3714, 4' 3W47&- - \$113347C, \$*43, 7C4G3, **!

4!

/' ' 6, =9Y' +&\$' +4/71\$2\$1\$3%Z!

e /41C34S3+\$' ' \$' +4&:41C34, 7, O3- \$74G3, *41C347&- - \$11334W\$=4>*2\$O34:, 76=1G4W\$1C4, 773%41&4>&=\$7\$3%4, ' O4
>*7306*3%4&:41C347&- - \$11333*!"

e /' ' &6' 734, ' O4C&=O4- &' 1C=G4- 331\$' +%41&4*32\$3W41\$- 3-G4%6S- \$11304*3\63%1%4^, 14=3, %14&' 34W33L4>*\$&*4
1&4- &' 1C=G4- 331\$' +_4)*&2\$O34:, 76=1G4W\$1C4: 330S, 7L4&' 41\$- 3-G4%6S- \$11304*3\63%1%4:&=&W\$' +4*32\$3W*!"

e E3' 3*, 134, ' O4>6S-\$%C4- \$' 613%4:*&- 43, 7C47&- - \$11334- 331\$' +!"

e)*3%3' 141\$- 3-G4*37&- - 3' O, 1\$&' %41&41C34:6=4:, 76=1G4, 14:, 76=1G4- 331\$' +%4:&*42&134&' 4, O&>1\$&' !"!

4!

KB1 &&&&-M=%>, M+NP&1QOM+NP&""*L&4**?O, M' *R- 14S&)' @@M+=%&^, >>*2304N9(O! M_!

4!

)6*>&%3Z4I C34>6*>&%34&:41C345Y<@48<H4; &- - \$11334\$%41&47*3, 134, 4- &*340\$23*%3457C&&=4&:4<O67, 1\$&' 41C, 14
3' %6*%3%4%1603' 1%U4:, 76=1G4, ' O4%1, ::4:*&- 4C\$%1&*\$7, =G4- , *+*\$' , =\$]3O47&- - 6' \$1\$3%4, *34- &*343\6\$1, S=G4
*3>*3%3' 130I4C, 2341C34%6>>&*41C3G4' 33041&4S34%6773%:6=4, ' O4*373\$2341C34*3%>3714\$' C3*3' 14\$' 4, ' 4
\$' 7=6%\$2343' 2\$*&' - 3' 14S4S3\$' +4S&1C4>*&, 71\$234, ' O4*3%>&' %\$234\$' 47*3, 1\$' +4, 4%, :34, ' O4W3=7&- \$' +4
3' 2\$*&' - 3' 1*!"

4!

F6' 71\$&' %Z4I C348<H4; &- - \$11334W\$=4C, 234. 4>*\$- , *G4:6' 71\$&' %Z!

!_41&47*3, 134&>>*16' \$1\$3%41C, 14>*+&- &1341C340323=&>- 3' 14&:4:616*34>*&:3%\$\$&' , =%4:*&- 4C\$%1&*\$7, =G4
- , *+*\$' , =\$]3O4>&>6=, 1\$&' %U!

(4, %\$%141C340323=&>- 3' 14&:4>*&:3%\$\$&' , =%4\$' 4- 331\$' +41C34' 330%4&:4C\$%1&*\$7, =G4- , *+*\$' , =\$]3O4>&>6=, 1\$&' %U
, ' O!

. 4>*2\$O34&>>*16' \$1\$3%4:&*4:, 76=1G41&43' +, +34\$' 4%3=:R*3:=371\$&' 4, *6' O476=16*, =G4*3%>&' %\$234>* , 71\$73%!"

4!

51*6716*3Z4I C34- , L36>4&:41C348<H4; &- - \$11334%C, =4\$' 7=6034, 14=3, %14&' 343=371304:, 76=1G4- 3- S3*4:*&- 4
3, 7C45Y<4O3>, *1- 3' 1U4, 4%1, ::4- 3- S3*U4, ' O41W&4%1603' 1%4' &- \$' , 1304SG4:, 76=1G4, 14, *+34>*3:3*, S=G4&' 34
+*, O6, 134, ' O4&' 346' O3*+*, O6, 134%1603' 1_4I C347&- - \$11334W\$=43=3714, 47C, \$*43, 7C4G3, **4; &- - \$11334
- 3- S3*%AV\$=4%3*234:&*41C*334G3, *%AV\$1C4%1, ++3*30413*- %4V3' 3W, =4\$%4>&%\$S=3U4S614, 141C343' O4&:4, 41C*33R
G3, *413*- U4>*3:3*3' 734\$%4+\$23' 41&4\$' 7&- \$' +4- 3- S3*%451603' 1%AV\$=4%3*234! R(4G3, *413*- %4%1603' 1%AV\$=4S34
%3=371304SG41C34:, 76=1G4, ' O4%1, ::47&- - \$11334- 3- S3*%4S, %304&' 4:, 76=1G4*37&- - 3' O, 1\$&' %!"

4!

/' ' 6, =4/71\$2\$1\$3%

j 44E3' 3*, 134, ' 04%6S- \$14, ' ' 6, =4*3>&*1!

j 44/71\$23=G4, ' 04%1*, 13+\$7, =G4*37*6\$14%1603' 1%U4:, 76=1GU4, ' 04%1, ::4:*&- 4C\$%1&*\$7, =G4- , *+\$' , =]304
S, 7L+*&6' 0%4, ' 047&- - 6' \$1\$3%!

j 44)*&2\$034%>37\$:\$74&>>&*16' \$1\$3%4:&*4%6>>&*14:&*4%1603' 1%4:*&- 4C\$%1&*\$7, =G4- , *+\$' , =]3047&- - 6' \$1\$3%4
, ' 04, W, *34&:4S\$, %!

*3>*3%3' 1, 1\$23%A:*&- 43, 7C45Y<403>, *1- 3' 14, ' 04, 4%1, ::4- 3- S3**4I C342&1\$' +!
7&- - \$11334W\$=43=3714, 47C, \$*43, 7C4G3, **4; &- - \$11334- 3- S3**4V\$=4%3*234:&*41C*334G3, **4V\$1C4%1, ++3*304
13*- %"4V3' 3W, =4\$%>&%\$S=3U4S614, 141C343' 04&:4, 41C*33RG3, *413*- U4>*3:3*3' 734\$%+23' 41&4\$' 7&- '\$' +4
- 3- S3**%!

4!

/ ' ' 6, =4/71\$2\$1\$3%Z!

e YS1, \$' 4137C' &=&+G4S60+314:*&- 483, ' !

e 533L4137C' &=&+G4*3\63%1%A:*&- 4: 76=1G4, ' 04%1, ::!

e V32\$3WU432, =6, 13U4, ' 04>*\$&*\$1\$]34137C' &=&+G4*3\63%1%!

e ; *3, 139- , \$' 1, \$' 4, 4%G%13- , 1\$7432, =6, 1\$&' 4%G%13- 4:&*4137C' &=&+G4*3\63%1%4*3'+U4*6S*\$7_!

e ; &- - 6' \$7, 134, >>*&2304137C' &=&+G4*3\63%1%41&4>6*7C, %3*!

e)*&- &134137C' &=&+G4*3=, 1304&>>&*16' \$1\$3%A, ' 04*3%&6*73%!

e E, 1C3*4, ' 04*3%>&' 041&4: 76=1G@4' 330%A:&*4137C' &=&+G4\$' 13+*, 1\$&' !

e E3' 3*, 134, ' 04%6S- \$14, ' ' 6, =4*3>&*14&:4G3, *=G4, 71\$2\$1\$3%!

4!

KBX&D">Y%+M*W&"*L&)' @@@*M?"+M * , &)' @@M+%%&^, >>*&2304?9(O! N_!

!!

)6*>&%374I C34# , *L31\$' +4, ' 04; &- - 6' \$7, 1\$&' %A; &- - \$11334W\$=4%3*234, %4, 4\$, \$%&' 4S31W33' 41C34Y:::734&:4

T' \$23*%\$1G4; &- - 6' \$7, 1\$&' %A, ' 041C3457C&&=4&:4<067, 1\$&' "4I C347&- - \$11334W\$=4W&*L41&4%C, *39, 02&7, 134

:&*41C34- , *L31\$' +4, ' 047&- - 6' \$7, 1\$&' 4*3=, 1304' 330%A&:41C3457C&&=4&:4<067, 1\$&' 4, ' 041&4O\$%3- '\$' , 1341C34

+&, =%A&:41C34Y:::734&:4T' \$23*%\$1G4; &- - 6' \$7, 1\$&' %A, %41C3G4*3=, 1341&41C3457C&&=4&:4<067, 1\$&' "4I C34

7&- - \$11334W\$=4, =%&47&- - 6' \$7, 1341C346' \$23*%\$1G@4%1* , 13+G4*3=, 13041&4S*, ' 04- , ' , +3- 3' 14, ' 04- 3%%, +\$' +4

1&43' %6*341C, 14- , 13*\$, =4>*&067304, ' 04O\$%3- '\$' , 1304SG41C3457C&&=4&:4<067, 1\$&' 4\$%47&' %\$%13' 14W\$1C41C34

%1* , 13+G4, ' 042\$%\$&' 4&:41C34Y:::734&:4T' \$23*%\$1G4; &- - 6' \$7, 1\$&' %"4!

!!

F6' 71\$&' %Z!

j)*&2\$0346>0, 13%A, S&6146' \$23*%\$1GR

e <=3714, 47&- - \$113347C, \$*4, 141C34:\$*%147&- - \$11334- 331\$' +4&:41C34, 7, 03- \$74G3, *4, ' 040323-&>4, ' 4, +3' 0, 4
: &*41C34, 7, 03- \$74G3, *!
e /%\$%141C345Y<4# , *L31\$' +4; &&*O\$' , 1&*4W\$1C4>*2\$O\$' +46>0, 13%4&' 46' \$23*\$1GRW\$O34- , *L31\$' +4, ' 04
7&- - 6' \$7, 1\$&' 4%1* , 13+\$3%4, ' 04&61*3, 7C!
e 5Y<4# , *L31\$' +4; &&*O\$' , 1&*4W\$=4*32\$3W4, ' 04, >>*234, =45Y<4, ' 045Y<4>* &+* , - 4- , *L31\$' +4- , 13*\$, =%41&4
3' %6*341C3G4, *347&' %\$%13' 14W\$1C4S* , ' 04%1* , 13+G4>*\$&*41&40\$%3- \$' , 1\$&' !
e /O2&7, 1341&4T' \$23*\$%1G4# , *L31\$' +4, ' 04; &- - 6' \$7, 1\$&' %4&' 4S3C, =:4&:41C345Y<!
e <, 7C4:, =4%3- 3%13*U47&- - \$11334- 3- S3*%AW\$=47&&*O\$' , 134W\$1C41C3\$*4*3%>371\$23403>, *1- 3' 147C, \$*%41C34
32\$3W4&:41C34W3S%\$13%4, ' 04>\$ 14- , 13*\$, =%4: &*41C3403>, *1- 3' 14>* &+* , - %41&43' %6*341C3G4, *3476**3' 1!
e <, 7C4%>*\$' +4%3- 3%13*U47&- - \$11334- 3- S3*%AW\$=4:, 7\$- \$1, 134, 4*32\$3W4&:41C34+3' 3* , =45Y<4W3S%\$134, ' 04
>*\$ 14- , 13*\$, =%4, ' 047&&*O\$' , 134W\$1C41C3\$*4*3%>371\$23403>, *1- 3' 147C, \$*%41&4*32\$3W4:, 76-1G9%1, ::4
S\$&+* , >C\$7, =4, ' 047&' 1, 714\$' :&* - , 1\$&' 4*3"+U&::\$734' 6- S3*U4>C&' 34' 6- S3*U43- , \$=41&43' %6*34, 776* , 7G!
e /%\$%141C345Y<4# , *L31\$' +4; &&*O\$' , 1&*4\$' 4\$O3' 1\$:G\$' +4, ' 04- , ' , +\$' +4, 47, =3' 0, *4&:457C&&=4&:4<067, 1\$&' 4
323' 1%4, ' 04, 71\$2\$1\$3%4C&W7, %\$' +4:, 76-1G4%1, ::U4, ' 04%1603' 1%4: &*46%34\$' 4' 3W%4, *1\$7=3%U4W3S%\$13U4, ' 04
%&7\$, =4- 30\$, !

!!
KBAC&&A*+%>*''+M *''(\$&)' @@M+%&^, >>*2304A9! N_!

!)
)6*>&%374I C34>6*>&%34&:41C34H' 13** , 1\$&' , =4; &- - \$11334\$%41&47&- - 6' \$7, 1348* , L34\$' 13** , 1\$&' , =4\$' \$1\$, 1\$23%U4
&>>&*16' \$1\$3%U4, ' 04>* &+* , - %U4, ' 04%3*234, %4, 4*3%&6*734:&*45Y<4:, 76-1G4*3+, *O\$' +41C34%, - 3'4!

!)
F6' 71\$&' %Z4I C347&- - \$11334%C, =4\$' :&* - U43067, 13U4, ' 04%6>>&*145Y<4:, 76-1G4\$' 41C3\$*4>, *1\$7\$>, 1\$&' 4\$' 4
H' 13** , 1\$&' , =9E=&S, =4&>>&*16' \$1\$3%!

!)
51*6716*374I C347&- - \$11334%C, =4S347&- >&%304&:4&' 34:, 76-1G4*3>*3%3' 1, 1\$234:*&- 43, 7C45Y<403>, *1- 3' 14
, ' 041C345Y<4E=&S, =4<' +, +3- 3' 14/O2\$%&*G4; &6' 7\$4'E</; _4; &6' 7\$4*3>*3%3' 1, 1\$23"483>, *1- 3' 1, =4
- 3- S3*%AW\$=4%3*234:&*41C*334G3, *%AV\$1C4%1, ++3*30413* - %U4, ' 041C342&1\$' +4- 3- S3*%4&:41C347&- - \$11334W\$=4
3-3714, 4' 3W47&- - \$113347C, \$*43, 7C4G3, **4<, 7C4- 3- S3*4&:41C34H; 4\$%43-\$+S=341&4S347C, \$*!

!)
/71\$2\$1\$3%Z4!
e <=37147&- - \$113347C, \$*4, 141C34:\$*%147&- - \$11334- 331\$' +4&:41C34, 7, 03- \$74G3, *!
e X&=04- &' 1C=G4- 331\$' +%406*\$' +41C34, 7, 03- \$74G3, *41&40\$%76%476**3' 14, ' 046>7&- \$' +45Y<4, ' 04
T' \$23*\$1GRW\$O34\$' 13** , 1\$&' , =4\$' \$1\$, 1\$23%4, ' 04&>>&*16' \$1\$3%4:&*45Y<4:, 76-1G!
e H' :&* - 45Y<4:, 76-1G4&:4+&S, =9\$' 13** , 1\$&' , =4323' 1%4, ' 04&>>&*16' \$1\$3%4&' 47, - >6%4, ' 04, S*&, 0!
e <%1, S=\$C4, ' 043' +, +34\$' 4, 4>* &73%4A:&*4%3=371\$' +45Y<4:, 76-1G4, ' 04%1, ::4:&*4\$' 13** , 1\$&' , =9+&S, =43, *\$' +4
&>>&*16' \$1\$3%!

e E3' 3*, 134, ' 04>6S-\$C4- \$' 613%4:*&- 43, 7C47&- - \$11334- 331\$' +4

4
KBAA&ZOLW%&^)' @@M+%&^/ >>*2304! !9((_4

!)
)6*>&%374I C34a60+314; &- - \$11334%C, =4, 02\$%34, 0- \$' \$%1* , 1\$&' 4&' 4S60+31, *G4\$%63%4, ' 04W&*L41&4>* &- &134
1* , ' %>, *3' 7G4W\$1C4*3%>37141&41C3457C&&=4&:4<067, 1\$&' 4'5Y<_4S60+314, ' 04S60+31, *G4>* &73%3%3*4

4
F6' 71\$&' %Z4E3' 3*, =GU41C347&- - \$11334W\$=4>* &- &1341C341* , ' %>, *3' 7G4, ' 04C3, =1C4&:41C345Y<4S60+31"4I C34
7&- - \$11334>* &2\$O3%4:, 76-1G4, ' 04%1, ::4>3%>371\$23%4\$' 40313* - \$' \$' +4S60+31, *G4>* &\$*1\$3%4, ' 04
, 2\$+, 1\$' +4S60+31, *G47&' 73** %4I C347&- - \$11334W\$=4%C, *34S60+31, *G4>* &73%3%4^3"+U4O3, 0=\$' 3%_4, ' 04
1*3' 0%4, %AW3=4, %4%33L4\$' >614:*&- 4:, 76-1G4, ' 04%1, ::42\$, 403>, *1- 3' 1, =445Y<4:, 76-1GU4, ' 045Y<4%1, ::4

- 331\$' +%4*3+, *0\$' +4S60+31, *G47&' 73** %A&*4+&, =%41 C347&- - \$11334W\$=AW&*LAW\$1C41C3483, ' 41&43' %6*34
, =4:, 76=1G4, ' 04%1, ::4C, 2341C34&>>&*16' \$1G41&4S34, W, *34&:41C34%1, 134&:41C345Y<4S60+31U4S60+31, *G4
+&, =%44, ' 04S60+31, *G47&' 73** %44

4

51*6716*3Z4I C34- , L36>4&:41C342&1\$' +47&- - \$11334%C, =4\$ 7-6034&' 3403>, *1- 3' 147C, \$*4:*&- 43, 7C45Y<4
03>, *1- 3' 1U41C348\$*371&*4&:4; &' 1\$' 6\$' +4<067, 1\$&' U41W&4, 00\$1\$&' , =43=371304*3>*3%3' 1, 1\$23%4:*&- 43, 7C4
5Y<403>, *1- 3' 1U4, ' 041W&43=371304%1, ::4- 3- S3*%41 C342&1\$' +47&- - \$11334W\$=43=3714, 47C, \$*43, 7C4G3, **4
; &- - \$11334- 3- S3*AW\$=4%3*234:&*41C*334G3, *AW\$1C4%1, ++3*30413* - %44

4

/' ' 6, =4/71\$2\$13%Z4

- <=37147&- - \$113347C, \$*4, 141C34:\$*147&- - \$11334- 331\$' +4&:41C34, 7, 03- \$74G3, **4
- #3314W\$1C41C3403, ' 4, ' 04S60+314- , ' , +3*4, 14=3, %14&' 7343, 7C4%3- 3%13*41&4*32\$3W4S60+314
7&' 73** %4, ' 04+&, =%44
- 83-\$' 3, 134S60+31, *G4>*73%3%41&43' %6*347=, *\$1G4, ' 041*, ' %>, *3' 7G44
- ; &=, S&* , 134W\$1C41C3403, ' 4, ' 04S60+314- , ' , +3*41&4\$03' 1\$:G45Y<4S60+31, *G47&' 73** %44
- ; &=, S&* , 134W\$1C41C3403, ' 4, ' 04S60+314- , ' , +3*41&4%3145Y<4S60+31, *G4+&, =%44
- ; &- - 6' \$7, 134W\$1C41C34:, 76=1G4, ' 04%1, ::4S60+31, *G4>*73%3%41C3, =1C47&' 73** %44, ' 04+&, =%44

4!

TBC<951. 3/3)1&/FF. 95/:&/3-&/D13-D13!!

4!

D"! 444/>>*2, =

4!

IC\$4E&23** , ' 734%C, =4S34\$ 43::3714WC3' 4, >>*2304SG4, 41W&R1C\$*0%42&134&:41C34F, 76=1G4&:4H' %1*671\$&' 4, 14, 4
*3+6=, *=G4%7C306=304- 331\$' +4, 14WC\$7C4, 4\6&*6- 4\$4>*3%3' 1!"

!

4

D"(444/- 3' 0- 3' 14&:4E&23** , ' 73!

4!

IC\$4E&23** , ' 734- , G4S34, - 3' 0304SG4, 41W&R1C\$*0%42&134&:41C34F, 76=1G4&:4H' %1*671\$&' 4, 14, 4*3+6=, *=G4
%7C306=304- 331\$' +4, 14WC\$7C4, 4\6&*6- 4\$4>*3%3' 1!"

4

/' 4, - 3' 0- 3' 14- , G4S34>*&>%304SG4, 4- 3- S3*4&:41C34F, 76=1G4&:4H' %1*671\$&' 4, 14, 4*3+6=, *=G4%7C306=304
- 331\$' +4S614- , G4' &14S342&1304&' 46' 1\$41C34' 3P14*3+6=, *=G4%7C306=304- 331\$' +41 C34>*&>%304*3%&=61\$&' 4
&:4, - 3' 0- 3' 14%C, =4S34>614\$' 4W*\$1\$' +4, ' 040\$%1*\$S613041&43, 7C4:, 76=1G4- 3- S3**!

!

!

4!

/))<m8ln44, !

4!

F' \$M?N&6+"+%@%*+&' *8; ""?O\$+N&1=""\$O""+M' *8F>' ?%LO>%, &(' >!

F>' @' +M' *8"*L&! %*O>%&' (&! %*O>%[! >"?Y&; ""?O\$+N!

^, - 3' 0304! 09B9(04>3*4! ! 9! N9! N4- \$' 613%!

!!

KC3' 403>, *1- 3' 147C, \$*%A, *34%6S- \$11\$ +4%6- - , 1\$234&*4:&* - , 1\$234>&*1:&=&%U41C3403>, *1- 3' 147&R7C, \$*4&*4
03>, *1- 3' 1403%\$+ ' 334W\$=4*32\$3W41C34- , 13*\$, %AS3:&*34- &2\$' +4:&*W, *O41&41C348

45%A, ' 4&23*, *7C\$' +47*\$13*\$&' 4:&*432, =6, 1\$&' 4:*&- 4/%%&7\$, 1341&4F6=A
)*&:3%%&""4I C34%6773%:6=47, ' O\$0, 134W\$=A, *1\$76=, 134, 4>, 113*" 4&:4=3, O3*%C\$>4, ' O9&*4%13W, *O%C\$>4SG4
O3- &' %1*, 1\$' +47&- - \$1- 3' 141&41C3457C&=&4:4<O67, 1\$&' U41C34T' \$23*%\$1G4, ' O41&41C34) *&:3%%&' 41C*6+C4
>, *1\$7\$>, 1\$&' 4' 4'&=3%A&*4'3%>&' %\$S\$-\$1\$3%41C, 14S3' 3:\$141C347&- - &' 4+&&O4&:41C34\$' %1\$161\$&' "4I C34) K14
> &- - \$11334&:4F6=9A- , G4%&=\$7\$14*32\$3W%A&:41C347, ' O\$0, 13@A3::371\$234=3, O3*%C\$>4&*4%13W, *O%C\$>4:*&- 4
7&=3, +63%A:, - \$\$, *4V\$1C41C347, ' O\$0, 13@A4%>37\$:\$74*3%>&' %\$S\$-\$1\$3%A, ' O47&' 1*\$S61\$&' %!"
4!

)*&7306*3%!

IC34:6' O, - 3' 1, =4*3%>&' %\$S\$-\$1G4:&*4:, 76=1G4O323=&>- 3' 14, ' O4:&*4>*&2\$O\$' +432\$O3' 734&:432, =6, 1\$&' 4, ' O4
+*W1C4\$%46>&' 41C34\$' O\$2\$O6, =4:, 76=1G4- 3- S3**4<, 7C4:, 76=1G4- 3- S3*4\$43P>3713O41&4*32\$3W4*3\6*3- 3' 1%4
, ' O47*\$13*\$, '41&46' O3*%1, ' O41C34', 16*3%4&:413, 7C\$' +U4%7C&=, *%C\$>U4, ' O4%3*2\$73' 41&4S34*3:=371\$23U4%3=R
32, =6, 1\$23U4, ' O4+*W1C4&*3' 13O' 4, ' O41&4>*&2\$O34323O3' 734&:4, 7C\$323- 3' 1"4/141C34%, - 341\$- 3U4>33*%U4
83>, *1- 3' 14; C, (\$*U4) K14; &- - \$11334- 3- S3*%U41C34; &- - \$11334&:4F6=9A, ' O41C3483, ' 4%C, =A>*&2\$O34
%6>>&*14, ' O4+6\$O, ' 73!"
4!

IC34>*\$- , *G4%6>>&*14, ' O4+6\$O, ' 734>*73%%3%A\$' 2&=234\$' 13*, 71\$&' 4, - &' +41C34\$' O\$2\$O6, =4:, 76=1G4- 3- S3*4
, ' O4>33*%U41C3483>, *1- 3' 14; C, (\$*U41C34) *&- &1\$&' 4, ' O41 3' 6*34; &- - \$1133U41C34; &- - \$11334&:4F6=9A, ' O4
1C3483, ' "4; =, %%&'&- &4S%3*2, 1\$&' 42\$%\$1%4, ' O4:&*- , 1\$234O\$76%\$&' %4, *346%6, =G4%7C3O6=3O4SG41C34:, 76=1G4
- 3- S3*4, ' O47, **33O4&614\$' :&*- , =G"4<2, =6, 1\$&' 4\$%4S, %3O46>&' 41C34:&=&W\$' +43=3- 3' 1%47&6*3%4G=, S\$U4
&S%3*2, 1\$&' 4&:413, 7C\$' +U4%16O3' 1432, =6, 1\$&' %U4>1\$&' , =A>3*:&*- , ' 7347&' 1*, 71%U4:, 76=1G4>&*1:&-\$&%4
>7&' 1, '\$' \$' +42\$1, 34, ' O4, 71\$2\$1\$3%4*37&*O%U4&1C3*4323O3' 734&:413, 7C\$' +43P73=3' 73U4%7C&=, *G4>*O671\$2\$1G4
, ' O4>*&:3%%\$&' , =4%3*2\$73_U4, ' O4SG4, ' G4&1C3*4323O3' 734%6S- \$113O4SG4\$' O\$2\$O6, =4:, 76=1G"!
4!

IC34: 76=1G4>&*1:&-\$&4\$%41C34>*\$- , *G4S, %\$%4&:4:&*- , 1\$234, ' O4%6- - , 1\$23432, =6, 1\$&' U4, ' O4\$14%C&6=O47&' 1, '\$' 4, 4
%6- - , *G4&:4, =4*3=32, ' 14O, 1, 4, ' O4&*\$+\$' , =47&>3%A&:4>3*1\$' 3' 14O&76- 3' 1%"4I C34) *&- &1\$&' 4, ' O41 3' 6*34
> &- - \$11334&*4; &- - \$11334&:4F6=9A- , G4%6>>=3- 3' 141C34>&*1:&-\$&4SG4%&=\$7\$1\$' +43P13** , =432, =6, 1\$&' %4&:4
: , 76=1G4%7C&=, *%C\$>"4F, 76=1G4- 3- S3*%AV\$=4S34, %L3O41&4' &- '\$' , 134>&%%\$S=34*32\$3W3*%AWC3' 41C\$%4\$%4O&' 3"4/=4
3P13** , =432, =6, 1\$&' %AV\$=4S347&' :\$O3' 1\$, =4Y' =G4- 3- S3*%A&:41C347&- - \$11334, ' O4, O- '\$' %1*, 1&*%4, %%\$+ ' 3O4
1&4- , L34>*&- &1\$&' 4, ' O413' 6*34O37\$%\$&' %AV\$=4*32\$3W4>&*1:&-\$&%!"
4!

KC3' 4, 4:, 76=1G4- 3- S3*4W, ' 1%41&4S347&' %\$O3*3O4:&*4>*&- &1\$&' U4, 4=3113*4&:4\$' 13' 1U4, %AW3=A, %41C34>&*1:&-\$&4
, ' O4, ' G4&1C3*4O, 1, 41C347, ' O\$O, 134W%\$C3%41&4%6S- \$1U4%C&6=O4S34%3' 141&41C34) *&- &1\$&' 4, ' O41 3' 6*34
> &- - \$11334; C, (\$*4&*4; &- - \$11334&:4F6=9A; C, (\$*4\$' 4, 77&*O, ' 734W\$1C41C345Y<47, =3' O, **4F, 76=1G4, *34
3' 7&6*, +3O41&4%&=\$7\$143P13** , =4*32\$3W%A\$' 4%6>>&*14&:4, ' G47&- >&' 3' 14&:41C3\$*4, >>=\$7, 1\$&' 4:&*4>*&- &1\$&' 4
, ' O4\$' 7=6O341C3- 4\$' 41C3\$*4%6S- %\$%\$&' "4H' 4%&- 347, %3%U41C34) K147&- - \$11334&*4; &- - \$11334&:4F6=9A- , G4
*3\63%143P13** , =4*32\$3W%A&:41C347, ' O\$O, 13@A4%6S- %\$%\$&' U4\$' 41&1, =4&*4\$' 4>, *1!"
4!

H:41C34) K14; &- - \$11334&*4; &- - \$11334&:4F6=9A*3\63%1%43P13** , =4*32\$3W4&:4, 47&- >&' 3' 14&:41C347, ' O\$O, 13@A
>&*1:&-\$&U41C347, ' O\$O, 134- , G4' &- '\$' , 1341C*334>&%%\$S=34*32\$3W3*%4F*&- 41C\$%4\$%1U4&' 34\$' O\$2\$O6, =4W&6=O4S34
7C&%3' 4SG41C34) K14; &- - \$11334:&*41C347&- >&' 3' 14*32\$3W"4!
)&*1:&-\$&%!"
4!

/=4:, 76=1G4%6S- \$11\$' +4- , 13*\$, =4A:&*4>*&- &1\$&' 4%C, =A>*3>, *34, ' O4%6S- \$14>*&:3%%\$&' , =A>*1:&-\$&%4, 77&*O\$' +4
1&41C347, =3' O, *43%1, S-\$%C3O4SG41C3483, ' @A&::73"4"/=4:, 76=1G4*3+, *O=3%%4&:4* , LU4%C, =4%6S- \$14S*\$3:4, 71\$2\$1G4
*3>&*1%4, ' O46>O, 13O42\$1, 343, 7C4G3, **4K C\$=34, 1\$16O34\$4+\$23' 4\$' 4:&*- , 14, ' O47&' 13' 1%U41C34>&*1:&-\$&4- 6%14
S34>*3>, *3O4W\$1C4+*3, 147, *34, ' O4>*&:3%%\$&' , =4\$- "44<, 7C4>*1:&-\$&4%C, =47&' 1, '\$' 41C34:&=&W\$' +Z!
4!

^!_ 7&23*4%C3314, ' 041, S=34&:47&' 13' 1%!

4!

) * & - & 1\$ & ' 41 & 4 / % & 7\$, 134) * & : 3 % % & * 4, ' 0413' 6 * 34 * 37 & - - 3' 0, 1\$ & ' %AW\$ = 4S34 - , 034, 141C34%, - 341\$ - 3U43P73 > 14
\$' 4\$ %1, ' 73%AWC3' 4, 4:, 76=1G4- 3- S3*4S3+\$' %43- >=&G- 3' 14, 148*, L34, 141C34/%&7\$, 134) * & : 3 % % & * 4=323=4
W\$1C&61413' 6 * 3"441' 41C\$%4\$ %1, ' 73U41C34:, 76=1G4- 3- S3*47&6=043, *' 413' 6 * 34W\$1C&614, 02, ' 73- 3' 141&4F6=4
) * & : 3 % % & * !

4!

) * & 7306 * 3%4: & * 4T' \$23 * % \$1G!
) * & - & 1\$ & ' 41 & 4F6=4) * & : 3 % % & * 4 / > > = \$7, 1\$ & ' %!

4!

H' 4, ' G4G3, *41C, 14, 4:, 76=1G4- 3- S3*4\$%4S3\$' +47&' %\$O3*304:&*4>* & - & 1\$ & ' 4, ' 09&*413' 6 * 3U4, 4:&* - , =4' & 1\$: \$7, 1\$ & ' 4
1&41C3483>, *1- 3' 14; C, \$*4, ' 041C34; C, \$*4&:41C34; & - - \$11334&:4F6=%) * & - & 1\$ & ' 4, ' 0413' 6 * 34; & - - \$11334; C, \$*4
' 330%41&4S347&- >=3130"41 C34) & * 1: &=\$&U4, ' G4&1C3*40, 1, 4VVC\$7C41C34:, 76=1G4- 3- S3*4V\$%C3%41&4%6S- \$1U4, ' 04
*37&- - 3' 0, 1\$ & ' %! * & - 41C3483>, *1- 3' 14; C, \$*U41C34) K14; & - - \$11330, ' 04:&*4>* & - & 1\$ & ' 41 & 4F6=4

; &' %3761\$2341 3* - 4F, 76=1G4, *34' &' R13' 6*3R3-\$+\$S=34:, 76=1G4WC&4- , G4S34, >>&\$' 1304W\$1C4' &4*3%1*\$71\$&' 4&' 4
1C34' 6- S3*4&:413* - %41C, 14- , G4S34%3*230"44567C4:, 76=1G4, *34%6Sd37141&4, >>* &2, =SG41C3483, ' 4, ' 041C34
) * &2&%14, ' 04, *343-\$+\$S=34: &*4*3' 3W, =4S, %3046>&' 41C34\6, =\$1G4&:4>3*: &* - , ' 73"41) 3*\$&0\$74*32\$3W4SG457C&&=4
&:4<067, 1\$&' 4) * &- &1\$&' 4, ' 041 3' 6*34; &- - \$11334%C, =4&776*4\$' 4, 77&*0, ' 734W\$1C4>* &7306*3%03-\$' 3, 1304
C3*3\$' "441' 0\$2\$06, =4, >>&\$' 13041&41C3%34>&%\$1\$&' %4W\$=4S3432, =6, 1304:&*47&- >3' %, 1\$&' 4*313' 1\$&' 4&*4
3' 3W, =4, ' 04, 02, ' 73- 3' 146%\$' +41C347&' 1\$' 6\$' +4' 3304&:41C346' \$1443%1, S=\$%C3047\$13*\$, 4, >>* &>*\$, 1341&4
1C3\$*4>&%\$1\$&' %4%67C4, %47-\$' \$7, =4, 71\$2\$1\$3%4, ' 04W\$7C4W\$=4\$' 7=603Z441 3, 7C\$' +4<P73=3' 734, ' 04) * &:3%\$&' , =4
53*2\$7347&' 1*\$S61\$&' %'!

4!

F&* - , 1\$23432, =6, 1\$&' 4&:4' &' R13' 6*304:, 76=1G4W\$=4&776*4:&=&W\$' +41W&4G3, *%4&:4%3*2\$734, ' 041C3' 4323*G4
1W&4G3, *%41C3*3, :13*"4; &' %\$03*, 1\$&' 4:&*4, 02, ' 73- 3' 14:&*47&' %3761\$23413* - 4:, 76=1G4\$%4, ' 4&>1\$&' , =4
037%\$&&' 4&' 41C34>, *14&:41C34:, 76=1G4- 3- S3*!"

4!

/02, ' 73- 3' 1!

4!

<2, =6, 1\$&' 4:&*4, 02, ' 73- 3' 14W\$=4S347&' 0671304SG41C3457C&&=4&:4<067, 1\$&' 4) * &- &1\$&' 4, ' 041 3' 6*34
; &- - \$11334WC&4W\$=4- , L34*37&- - 3' 0, 1\$&' 4&1&41C3483, ' 4&:41C3457C&&=4&:4<067, 1\$&' 4!"

4!

; &' %\$03*, 1\$&' 4:&*4, 02, ' 73- 3' 14\$' 4*, ' L4:&*47&' %3761\$23413* - 4:, 76=1G4' &' R13' 6*341*, 7L_4W\$=4&776*4, :13*4
%\$P4G3, *%4&*41C347&- >>31\$&' 4&:4! (4%3- 3%13*4F1 <%4&:43- >=&G- 3' 1"4V32\$3W4:&*4, 02, ' 73- 3' 14W\$=4S34
0313* - \$' 304SG41C34>* &+*, - 903>, *1- 3' 14, 141C341\$- 34&:4C*\$34, ' 047*\$13*\$, 4W\$=4S343%1, S=\$%C3041C, 14, *34
, >>* &>*\$, 1341&41C34>&%\$1\$&' 4S3\$' +4C3=04SG41C347&' %3761\$23413* - 4:, 76=1G4- 3- S3*"4567C47*\$13*\$, 4W\$=4S34
%6Sd37141&41C34, >>* &2, =SG41C3483, ' 4, 141\$- 34&:4C*\$34, ' 04W\$=4S34%1, 1304\$' 41C34, >>&\$' 1- 3' 14=3113*41&41C34
7&' %3761\$23413* - 4:, 76=1G4- 3- S3*"4/00\$1\$&' , =4\$' :&* - , 1\$&' 4:&*41C347&- - \$11334- , G4S34*3\63%1304&:41C34
:, 76=1G4- 3- S3*46' 03*4*32\$3W"4/' 4&617&- 34&:41C34*32\$3W4>* &73%4%C&6=04S341&4>* &2\$0347&' %1*671\$234
0323&>- 3' 1, =4:330S, 7L41&41C34\$' 0\$2\$06, =4*3+, *0\$' +4>* &+*3%4\$' 4- 331\$' +403>, *1- 3' 1, =47*\$13*\$, 4:&*4
, 02, ' 73- 3' 1!"

4!

F&*476**3' 1=643- >=&G3047&' %3761\$23413* - 4:, 76=1G4- 3- S3*%4*\$' 41C34(O! OR(O! !4, 7, 03- \$74G3, *_4WC&4W\$%C4
1&4, >>=&4:&*4, 02, ' 73- 3' 14\$' 4*, ' L43\$1C3*4' &W4&*4\$' 4:616*34G3, *%4&:43- >=&G- 3' 14W\$* &+*, - 903>, *1- 3' 14
C3, 0%4%C, =40323=&>4, ' 04:&*W, *047*\$13*\$, 41&41C3483, ' 4:&*4, >>* &2, =41C\$%4%C, =4S34:&=&W304SG4, 4=3113*41&4
1C34:, 76=1G4- 3- S3*4, ' 04&' 341&41C345Y<4)* &- &1\$&' 4, ' 041 3' 6*34; &- - \$11334&61=\$' \$' +41C347*\$13*\$, 4:&*4
, 02, ' 73- 3' 147&' %\$03*, 1\$&' 4!"

4!

T>&' 4*373\$>14&:41C34*37&- - 3' 0, 1\$&' 4&:41C347&- - \$113341C3483, ' 4- , G4%6>>&*141C34037\$%\$&' 4&:41C34
7&- - \$11334, ' 04:&*W, *041C34*37&- - 3' 0, 1\$&' 41&4T' \$23*\$1G4, 0- \$' %1*, 1\$&' 4, - 3' 041C34037\$%\$&' 4, ' 04
*3\63%14, 47&' :3*3' 734W\$1C41C347&- - \$113344&*4*3d37141C34*37&- - 3' 0, 1\$&' 4, ' 04*3\63%14, 47&' :3*3' 734W\$1C4
1C347&- - \$1133"441' 41C347, %34&:4, - 3' 0\$' +4&*4*3d371\$' +41C34037\$%\$&' 4&:41C347&- - \$113341C3483, ' 4%C, =4
:&*W, *041&41C347&- - \$113347C, \$*4, 4%1, 13- 3' 14&:4*3, %&' 4:&*4%67C4, 71\$&' 4, ' 04*3\63%14, 47&' :3*3' 73"41 C34
7&' :3*3' 734%C, =4' &14S34=, 13*41C, ' 41W&4W33L%4:&=&W\$' +41C34*373\$>14&:4' &1\$:\$7, 1\$&' 4&:41C3483, ' [4, 71\$&' 4!"

4!

I C341W&4&617&- 3%4&:41C\$4*32\$3W4\$' 7=603Z44*37&- - 3' 0, 1\$&' 4:&*4, 02, ' 73- 3' 14&*47&' 1\$' 6, 1\$&' 4&:4
, >>&\$' 1- 3' 14W\$1C&614, 02, ' 73- 3' 1!"

4!

) &7306*3%!

4!

IC34:6' 0, - 3' 1, -4*3%>&' %S\$=1G4:&*4:, 76=1G40323=&>- 3' 14, ' 04:&*4>* &2\$0\$' +432\$03' 734&:432, =6, 1\$&' 4, ' 04
+*&W1C4\$%46>&' 41C34\$' 0\$2\$06, -: , 76=1G4- 3- S3**4<, 7C4:, 76=1G4- 3- S3*4\$%43P>3713041&4*32\$3W4*3\6\$*3- 3' 1%4
, ' 047*\$13*\$, `41&46' 03*%1, ' 041C34' , 16*3%4&:413, 7C\$' +U47-\$' \$7, =43P>3*3' 73%4, ' 04%3*2\$73' 41&4S34*3:=371\$23U4
%3=R32, =6, 1\$23U4, ' 04+*&W1C4&*3' 130`4, ' 041&4>* &2\$03432\$03' 734&:4\6, =\$1G4W&*L"4/141C34%, - 341\$- 3U4>33*%U4
83>, *1- 3' 14; C, \$*%U4)*&- &1\$&' 4, ' 041 3' 6*34; &- - \$11334- 3- S3*%4, ' 041C3483, ' 4%C, =4>* &2\$034%6>>&*14, ' 04
+6\$0, ' 73"41 C34>*\$- , *G4%6>>&*14, ' 04+6\$0, ' 734>* &73%%3%4\$' 2&=234\$' 13*, 71\$&' 4, - &' +41C34\$' 0\$2\$06, -: , 76=1G4
- 3- S3*4, ' 04>33*%U41C3483>, *1- 3' 14; C, \$*U4, ' 041C3483, ' "!

4!

86*\$' +41C3413* - 4>*\$&*41&4%6S- \$%%\$&' 4&:4*32\$3W4- , 13*\$, =%41&41C3457C&&=4&:4<067, 1\$&' 4)*&- &1\$&' 4, ' 04
13' 6*34; &- - \$1133U41C34\$' 0\$2\$06, =%33L\$' +4/02, ' 73- 3' 14W\$=4%6S- \$14, 4J3113*4&:4H' 13' 14:&*4/02, ' 73- 3' 1"44
T>&' 4%6S- \$%%\$&' 4&:41C34>&*1:&=&4&:4*32\$3W4- , 13*\$, =%U41C3483>, *1- 3' 14; C, \$*4&:41C346' \$14%C, =4W*\$1341C34
03>, *1- 3' 14*32\$3W4, ' 04:&*W, *041C34*37&- - 3' 0

4!

^!_4444447&23*4%C3314, ' 041, S=34&:47&' 13' 1%!

4!

^(_4444446>0, 13042\$1, 4, ' 04, 71\$2\$1\$3%4*37&*041C, 14%6- - , *\$]3%413, 7C\$' +U47=\$' \$7, =AV&*L4, ' 04%3*2\$734:&*41C34 >3*\$&04WC\$7C41C34>&*1:&=\$&47&23*%!

4!

^._4444441 3, 7C\$' +4<P73=3' 73Z44, 4:\$=34&' 43, 7C47&6*%34\$' 7=60\$' +41C34%G=, S6%U4%6- - , *\$3%A&:4%1603' 14 32, =6, 1\$&' %4&*\$+\$' , =47&6*%34- , 13*\$, =%U4%1603' 143P, - '\$, 1\$&' %4, ' 04*3%6=1%U4%, - >=34%1603' 14>, >3*%U4 &S%3*2, 1\$&' 4*32\$3W%U4317"!

4!

<, 7C4%G=, S6%4%C&6=047&' 1, '\$ 41C34:&=W\$' +43=3- 3' 1%Z44^!_4=3, ** '\$' +4&617&- 3%A&*4&Sd371\$23% 4' (_4, 4%1603' 14 *3, 0\$' +4, ' 04, %\$+\$' - 3' 14=\$%1' 4'. _4, 47&6*%347, =3' 0, *!^?_4%1603' 14+*, 0\$' +47*\$13*\$, `4^A_47&6*%34, ' 04\$' %1*671&*4 32, =6, 1\$&' 4>=, ' %4, ' 04^B_4, 4' &' RO\$%7*\$- '\$, 1\$&' 4%1, 13- 3' 14, ' 04>&=\$7G"4!

4!

; =, %*%&&- 4&S%3*2, 1\$&' %ASG4>33*%4, *34, **, ' +304SG41C34:, 76=1G4- 3- S3*4W\$1C4:, 76=1G47&=3, +63%4\$' 45Y<4, ' 04 &1C3*47&=3+3%U483>, *1- 3' 14; C, \$%U4&*43P13** , =4*3:3*33%"41 C\$%4%371\$&' 4%C&6=047&' 1, '\$ 432\$03' 734&:4 &S%3*2, 1\$&' U432, =6, 1\$&' U4, ' 04, 40\$%76%\$&&' 4&:4*3%6=1%"4F, 76=1G4- , G4\$' 7=6034, 42\$03&1, >34&:4%3+- 3' 1%4&:4 7=, %%3%41C, 14>*%2\$034, 00\$1\$&' , =432\$03' 734&:413, 7C\$' +4%1G=34, ' 04*3%6=1%"!

4!

F&* - , 1\$234>&*1:&=\$&%4%C&6=04\$' 7=6034*3:=371\$&' %4*3+, *0\$' +413, 7C\$' +4, ' 04, 4+*&W1C4>=, ' 41C, 14W\$=4S34 \$- >=3- 3' 1304&23*41C34' 3P14:&* - , 1\$23432, =6, 1\$&' 4>3*\$&O"!

4!

^?_444444: =\$' \$7, =4K&*LZ44, 4:\$=347&' 1, '\$ '\$' +47=\$' \$7, =4, 71\$2\$1G4W&*L4\$' 7=60\$' +4, *1\$: , 71%4*3>*3%3' 1, 1\$234&:41C34 *3%>&' %\$S\$=\$1\$3%4, ' 04, >>*&>\$, 1341&41C343- >=&G- 3' 147*\$13*\$, "!

4!

F&* - , 1\$234>&*1:&=\$&%4%C&6=04\$' 7=6034*3:=371\$&' %4*3+, *0\$' +47=\$' \$7, =AV&*L4, ' 04, 4+*&W1C4>=, ' 41C, 14W\$=4S34 \$- >=3- 3' 1304&23*41C34' 3P14:&* - , 1\$23432, =6, 1\$&' 4>3*\$&O"!

4!

^A_444444) *&:3%%\$&' , =453*2\$7345371\$&' Z44, 4:\$=3403%7*\$S\$' +4%3*2\$734, 71\$2\$1\$3%4453*2\$7341&4%1603' 1%U41C3457C&&=4&:4 <067, 1\$&' U41C34T' \$23*%\$1G4U, ' 04&' 3@4>*&:3%%\$&' 4\$%4, ' 4\$- >&*1, ' 14, %>3714&:47&' %\$03*, 1\$&' 4:&*4 , 02, ' 73- 3' 14, ' 04%C&6=04S347, *3:6=G40&76- 3' 130"4453*2\$734\$' 7=603%41C342, *\$&6%47&- - \$11334 '\$ 2&=23- 3' 14, ' 04>*&:3%%\$&' , =4%3*2\$7341&4*3+&\$' , =U4, ' 1\$&' , =U4, ' 04\$' 13** , 1\$&' , =4&+ , ' \$], 1\$&' %"!

4!

F&* - , 1\$234>&*1:&=\$&%4%C&6=04\$' 7=6034*3:=371\$&' %4*3+, *0\$' +4%3*2\$734, 71\$2\$1G4, ' 04, 4+*&W1C4>=, ' 41C, 14W\$=4S34 \$- >=3- 3' 1304&23*41C34' 3P14:&* - , 1\$23432, =6, 1\$&' 4>3*\$&O"!

4!

^B_444444F&* - , 1\$234>&*1:&=\$&%4%C&6=04\$' 7=6034, =4>*\$&*4*32\$3W4, ' 04, 02, ' 73- 3' 14=3113*%4:&- 483>, *1- 3' 14 ; C, \$(U4) *&- &1\$&' 4, ' 041 3' 6*34; &- - \$1133U43P13** , =4*3:3*33%U4, ' 041C3483, ' "44' 1 3* - 4:, 76=1G4, *34 3' 7&6*, +3041&4W&*L4W\$1C483>, *1- 3' 14; C, \$(U4) 4k41 4- 3- S3*%U4&*4&1C3*4:, 76=1G4- 3' 1&*&41&4 0323=&>4S&1C4:&* - , 1\$234, ' 04%6- - , 1\$23432, =6, 1\$&' 4- , 13*\$, =%_

4!

IC3483, '4W\$=41C3' 4*32\$3W41C34>&*1:&=\$&U41C3483>, *1- 3' 14; C, \$*@4*32\$3W4, 'O41C34)*&- &1\$&' 4, 'O4I 3' 6*34
; &- - \$1133432, =6, 1\$&' "4I C3483, ' 4%C, =4>*2\$0341C34:, 76=1G4- 3- S3*4, 4W*\$113' 4*3%>&' %341&41C34>&*1:&=\$&4
W\$1C\$' 4. O4O, G%A&:4*373\$2\$' +41C34)*&- &1\$&' 4, 'O4I 3' 6*34; &- - \$1133432, =6, 1\$&' "4/47&>G4&:41C\$%A*3%>&' %34
W\$=4S34%3' 141&41C34)*&- &1\$&' 4, 'O4I 3' 6*34; &- - \$11334; C, \$*4, 'O41C3483>, *1- 3' 14; C, \$*!

4!

H' 4- , 113*%A&:4*32\$3W4, 'O4, O2, '73- 3' 1U4*37&- - 3' 0, 1\$&' %A:*&- 4)*&- &1\$&' 4, 'O4I 3' 6*34; &- - \$11334, 'O4
1C3483, ' 4%C&6=04S34:\$=304W\$1C41C34)*&2&%14, 77&*O\$' +41&41C3483, ' @4>6S-\$%C304%7C306=3"44I:4' 373%%, *G4, 4
- 331\$' +4- , G4S34C3=041&40\$%76%%A:, 76=1G4>*+*3%%4W\$1C41C34:, 76=1G4- 3- S3*U41C34)*&- &1\$&' 4, 'O4I 3' 6*34

)3', =1\$3%44!

IC34>3' , =1G4:&*4>=, +\$, *\$%- U7C3, 1\$' +U, ' O4&1C3*4:&* - %4&:4, 7, O3 - \$74O\$%C&' 3%1G4W\$=42, *G4:*&- 4\$' 7\$O3' 141&4
\$' 7\$O3' 1U4O3>3' O\$' +46>&' 41C34%7&>34, ' O4- , +' \$16O34&:41C34&.:3' %34, ' O41C347\$*76- %1, ' 73%4\$' 4WC\$7C\$14
&776**3O"4)&%\$S=34>3' , =1\$3%A- , G4\$' 7=6O34, ' G4&:41C34:&=&W\$' +74*3>*\$- , ' O4O\$%- \$%%, =4:*&- 41C347&6*%34
W\$1C4, 4:, \$-\$' +4+* , O3U4>*&S, 1\$&' U4%6%>3' %\$&' U4, ' O9&*4O\$%- \$%%, =4:*&- 41C34T' \$23*%\$1G'!

4!

/>>3, =4&:4) 3' , =1\$3%

1C3\$*4*3%>&' %3%"4/4*37&*04&:41C34C3, *\$' +4%C, =4S34- , 03"41 C347&- - \$11334W\$=47&' :3*4>*\$2, 13-G4:&= &W\$' +41C34
C3, *\$' +4, ' 04>*3>, *34, 4037\$%\$&' 4:&*4*3%&=2\$' +41C34+*\$32, ' 73"4

!

1C34W*\$113' 4037\$%\$&' 4%C, =4S340\$%1*\$S613041&4, >>* &>*\$, 13403>, *1- 3' 147C, \$*%4&*4, >>* &>*\$, 134, 0- \$' %\$1*, 1\$234
&:::\$7\$, =4W1&47&- - \$11334- 3- S3*%A, ' 041&4>, *1\$3%4&:41C34+*\$32, ' 734, %4%&&' 4, %A>*, 71\$7, =4/47&>G4&:41C34
- , 13*\$, =4W\$=4S34L3>14&' 4:\$=34\$' 41C3483, ' [%A&:::\$73"4

!

H:4, ' G4>, *1G41&41C34+*\$32, ' 734\$%A' &14%, 1\$%:\$304W\$1C41C347&- - \$1133[%4037\$%\$&' W41C34>, *1G4- 6%14%&4\$' 0\$7, 134SG4
%6S- \$11\$' +4, 4W*\$113' 4*3\63%14:&*4, >>>3, =41&41C347&- - \$113347C, \$*4W\$1C\$' 4:\$:133' 4! A_40, G%4, :13*41C34*37&*0%4
&:41C347&- >=31304C3, *\$' +4, *34, 2, \$=, S=3"41 C347&- - \$113347C, \$*4%C, =4:&*W, *041C347&- - \$1133[%4*37&*0%W4
:\$' 0\$' +%A, ' 04037\$%\$&' 4, =&' +4W\$1C41C34*3\63%14:&*4, >>>3, =41&41C3403, ' "41 C34037\$%\$&' 4&:41C3403, ' 4%C, =4S34
:\$' , =4H:4' &4W*\$113' 4*3\63%14:&*4, >>>3, =4\$%4*373\$230W41C3403>, *1- 3' 147C, \$*4&*4, >>* &>*\$, 134, 0- \$' %\$1*, 1\$234
&:::\$7\$, =4%C, =41, L34, 71\$&' 41&47, **G4&6141C347&- - \$1133[%4037\$%\$&' "4/4*3>&*14&:4+*\$32, ' 734- , G4S34:\$=304SG4, 4
%1603' 14W\$1C41C34)*&2&%1@4Y:::\$734:&*40, 1, 47&=371\$&' 4, ' 04*32\$3W4S6141C347&=3+39%7C&&=@403, ' @4037\$%\$&' 4
\$%A:\$' , =4

!

51603' 14+*\$32, ' 73%A, ' 04%6++3%1\$&' %41C, 140&4' &147&' %1\$16134, 4:&* - , =4+*\$32, ' 734%C, =4:&= &W41C34%, - 34
>*&73%4, %A, 4:&* - , =4+*\$32, ' 73"4/4%1603' 14%C&6=040\$%76%AC\$%9C3*47&' 73*" 4&*4%6++3%1\$&' %AW\$1C41C34