

X, ',4! : K(!2,3,#&,\$.(-0H!?)**BCH!!V#2+/.2#!-/!c+#.!1##'!8/%%#.-,'=#2!/!.h1#'2/.4//G!,.G!
.#<'/2\$=#.\$#_!Z,-<',5=W=.6!/'!.=4=5,-.6gi_!;#--=.6!1#'2/. ,5H!J%#'\$,\$.!K/<'..5!/0!7=#-4=\$2H!B?AC! UAE
U]H

(

2,3,#k,\$.(-0(!N=<!k(!" ,R=2!Kc!?=.!+'#+C!" /\$-/'2^!#%+,-4=\$!0/\$<2!/ .!,6#.\$3!=2!+##\$#-R#G!,2!+/2=-R#53!,2!
#%+,-4=\$!0/\$<2!/ .!0##5=.62!!

(

2,3,#k,\$.(-0

: ##-!#6<5, '53!S=-4!?\$<'!# .-53C!T< ./ '!0' / %!4=2- / '-\$,553!#b\$5<G#G!& , \$d6' / < .G!S4 / !=2! = .-# #2-#G! = .! 6', G< , -#!2-<G3!!) *)E)9H!

!

<=>*=(! =kk, ?, 0! ; , 7=!1 #2=G# . - , 5!M\$4/5 , '2!1' / '6' , %!
: ##-!#6<5, '53(!= .0 / '% , 553(!S=-4!2-<G# . -! = .-# #2-#G! = .! , \$, '##'! = .! +23\$4/5/63m . #<' / 2\$=# . \$##!) *)E / . 6 / = . 6H!
!!

<=>*=(! =kk, ?, ! : \$Z , =!' ` b+5 / ' , - / '3!1' / '6' , %!
: ##-!&=S##d53(!= .0 / '% , 553(!S=-4!0='2-E3# , '!2-<G# . -2!0' / %!4=2- / '-\$, 553!#b\$5<G#G!& , \$d6' / < .G2!S4 / ! , '#!
= .-# #2-#G! = .!6' , G< , -#!2-<G3(!) *)E)A! , .G!) *)AE))H!

(
<=>*=(! =kk, ?, ! : , 32! : = . / '-=3! : # . - / '!
: #!% / . -453(!= .0 / '% , 553(!S=-4!< .G# '6' , G< , -#!2-<G# . -2! / 0!\$ / 5 / '(!) * ALEAF! , .G!) * AFE) *!

(
2+#@+# / (A . \$@ , #>\$*B(H, G+#* ' , . *(=C(6>B%E=k=?B0!
: # . - / '#G!0 / <'!< .G# '6' , G< , -#!-4#2-2!2-<G# . -2(!) ! , 2!+'=% , '3! , GR=2 / ' ! , .G!) ! , 2!# , G# '! ? -S / !0 = . -24#G!M+ '= . 6!
) **Ln! -S / !0 = . -24#G!M+ '= . 6!) **FCH!!1 '= % , '3! , GR=2##!S / . ! ; / 'G / . ! J 55+ / '-1! =W#!?G#+ , '-%# . - , 5!4 / . / '2C! = . !
M+ '= . 6!) **FH!
Y . G# '6' , G< , -#! #2# , '\$4! , 22=2- , . -2!?)E]m2%#2-#'(!X, 55!) **@EM+ '= . 6!) * AAC!

(

A . \$@ , #>\$*B(=C(6 , . . . Bk@+ . \$+(! , , * , #C=#(! = ? . \$*\$@ , (: , '#=>%\$, . % , Q(H, G+#* ' , . *(=C(6>B%E=k=?B0!
Y . G# '6' , G< , -#! = .G#+# .G# . -!2-<G3!+' / T#\$-2!?)!G<' = . 6! , \$, G#%=\$!3# , '!) **]m) **Dn!)!G<' = . 6! , \$, G#%=\$!3# , '!
) **9m) **]n!A!G<' = . 6!M+ '= . 6mM<%%#') **9C!

(
A . \$@ , #>\$*B(=C(I=L+!(! = ? . \$*\$@ , (: , '#=>%\$, . % , (7+3=#+*=#B(H, G+#* ' , . *(=C(: , '#=k=?B0!
> / . / '2!< .G# '6' , G< , -#!+' / T#\$-! ?X, 55!) **)E!M+ '= . 6!) **]CH!
Y . G# '6' , G< , -#! #2# , '\$4! , 22=2- , . -! ?@!4'2mS##dn!M+ '= . 6EX, 55!) **)CH!
M<%%# ' ! Y . G# '6' , G< , -#!V#2# , '\$4!1' / '6' , %!2-<G# . -! ?] *!4'2mS##dn!M<%%#') **ACH!
>=64!M\$4 / 5!M\$=# . \$#! #2# , '\$4!2-<G# . -!0' / %! [/ S , !8=-3^2!8=-3!>=64!2\$4 / 5! ?@!4'2mS##dn!X, 55!AFFFEM<%%# ' !
) **CH!!
 \ S / !2-<G# . -! #2# , '\$4! = . -# ' . 2!0' / %! ; # % , . 3! ?] *!4'2mS##dn!X, 55!AFFFEM+ '= . 6!) **CH!
: #G=\$, 5!2-<G# . -!G / = . 6!2<%%# ' ! #2# , '\$4! ?] *!4'2mS##dn!M<%%# ' !AFFFCH!

!

28 : 8 J0(- : H(- N - JH0!

!

: = .G(!7' , = . ! , .G!7#4, R= / !+ / 2-G / \$- / ' , 5!0#55 / S24=+(!> , 'R , 'G!Y . =R# '2=-3(!) !3# , '2!= . . = . 6!K<53!) **FH!
8# ' -0=\$, -#! / 0! " =2= . \$= / . (!7 / d!8# . -#!0 / ' ! \ # , \$4= . 6(!> , 'R , 'G!Y . =R# '2=-3(!) **FH!
Z / % = . , -#G!0 / ' ! : , 'f< , .G!J S , 'G!0 / ' ! ` b\$#+= / . , 5!JGR=2= . 6! , .G!8 / < . 2#5= . 6(!> , 'R , 'G!Y . =R# '2=-3(!M+ '= . 6!) **L!
? / . #! / 0!A)D! . / % = . ##2! , \$ / 22!-4#!Y . =R# '2=-3C!
X#55 / S24=+' # \$ = + # . -(! : \$ " / . . #55!M<%%# ' ! [. 2=-<#! = . !8 / 6 . --R#!Z#<' / 2\$=# . \$#!(Mf< , S!Q, 55#3(!8 J (!) **9H!
 \ , R#5! J S , 'G! # \$ = + # . -(!U=2\$ / . 2= . !M3%+ / 2=<%! / . ! ` % / = / . (!) **AH!
X#55 / S24=+' # \$ = + # . -(! : \$ " / . . #55!M<%%# ' ! [. 2=-<#! = . !8 / 6 . --R#!Z#<' / 2\$=# . \$#!(" , '-% / <-4!8 / 55#6#(!Z>(!
) **AH!
84 , + # '2! ; ' , G< , -#!M-<G# . -! \ , R#5! J S , 'G! # \$ = + # . -(!M / \$ -3!0 / ' !Z#<' / 2\$=# . \$#!() ** *H!
[/ S , m1 #2=G# . - , 5!X#55 / S24=+' # \$ = + # . -!AFFBE) **A!?) *E)D!0#55 / S24=+2!6=R# . !# , \$4!3# , ' ! , % / . 6! , 55!# . -# ' = . 6!
6' , G< , -#!2-<G# . -2! = . !-4#!Y . =R# '2=-3CH!!
7# . T , % = . !X' , . d5= . !M\$4/5 , ' !AFFAE

h\4#'/5#'/0!-4#!,%36G,5,!=.!,.-4' /+/% /'+4=W=.6hi!!M3%+/2=<%!/.!-4#!,%36G,5,!=.!2/\$=,5!\$/6.==/.(!
J%#'\$=,!.!123\$4/5/6=\$,5!M/\$=#-3!,..<,5!%##=-.6(!: ,3!)**]H!

!

hZ#<',5!232-##%2!0/'!2/\$=,5!\$/6.==/.!0'/%!%/R#%#. -hi!Y.=R#'2=-3!/0!Z/'-4!8,'/5=. ,m" <d#!Y.=R#'2=-3!
,<=-2%!'#2#,'\$4!\$#. -#'(!J+'-5(!)**]H!

!

hZ#<',5!232-##%2!0/'!2/\$=,5!+##\$#+-/.!0'/%!%/R#%#. -hi! (!
Y.=R#'2=-3!/0!1#..235R, .=(! : , '\$4!)**]H!

!

hM/\$=,5!\$/6.==/.!0'/%!%/R#%#. -!2=-%<5= !#% /-/. (!+#'2/ . ,5=-3(!, .G!, .-4' /+/% /'+4=W=.6hi!!
(!"#+, '-%#.-!/0!123\$4/5/63(!> , 'R, 'G!Y.=R#'2=-3(!X#&'<, '3!)**]H!

!

hZ#<',5!232-##%2!0/'!#\$/6.=W=.6!#% /-/.!, .G!+#'2/ . ,5=-3!0'/%!%/R#%#. -2hi! !
M3%+/2=<%(!7,55#-!X', .d0<'-(! ; #'% , .3(!K, .<, '3!)**]H!

!

hN#2=/ .!2-<G=#2!/0!#% /-/.!#\$/6.==/.! .!4<% , .2_!0,\$#2!, .G!&/G3!%/R#%#. -2hi!
H!!1'=. \$#-/.!Y.=R#'2=-3!!!M#+-#%&#'(!)**9H!

!

I.>*\$**\$=.>0!

(

8A; J4 - ! 2(- :H(04J) I! 4(

(

<=>*=(!=kk,?,l(K+3,kk\$(