

R

. • v h ? Q Ì M ; s m • M o š M s M ? " B +

:BÈB i?B m

h? HQϕB, >B M çϕB1/Bi, a? B9RNE?B M? ?¬M 2K +! +ªK M?"M ç

æ¼+ p" iªB 2#QQF i`mv M iϕB, ?iiT, ffi`mv2M+Hm#X+QKf/ v@i?mQM;@tm M@p

RX *?QÆM; R, *?B m JQ L?ϕi L?Á

S?¬M R, L:¼_(h>R " X

E?B M? ?¬M 2K- M? +! +ªK i?'v i`€B iBK KbM? ç m M?|B F?¬M;\ > v M? +?d [m
+€B #ªM M;½ +O KbM?\

E?B M? #m¬M; i v 2K ;B[/ÁM; M;QìB t¬ #²- M? +! #B i 2K pšM çSM; v M î ç! +?ì
o" M? +! #B i X X X F?B M? F?¬M; [m v HϕB- 2K ç½ imv i p¼M; ç M i? M"Q F?¬M
h?€M; #®M- 2K Hϕ+ K'i M? i`QM; +ÆM KQ X

h`ìB KQ M?Q Km®M #½QX hWM; ?ϕi KQ M†M; i`om t®B tª H Q tm®M; K†i ç'i- i`„
h` M i¬M; + Q M?'i +O iQ" M?" *X2bi- M;QìB ç" M ¬M; bî ?[m K¼B +?m~M KU+ ç T
M;?B TX M? M;²B H†M; H) m®M; `QÊm- HQϕB `QÊm çQÊ+ O iW M?[M; M,K RNek
E?B ç½ +? M? +?Q€M; b v- M? HϕB i?'K i?Q M¶B ç m +O M;QìB i?'iibM?X
L|B ` +! i? F?¬M; B iBM- #îB K°i M;QìB ç" M ¬M; M?Q M? b Q +! i? #` i?'iibM?
M;QìB i - +È M"Q M;QìB i #Ä`ÆB çQÊ+ M?\

B +kM; F?¬M; iBM- /mv +?d +! h`QÆM; EB i @ i`Ê Hw +O M? @ H" iBMX :B€K ç
i v pÈB K®B ibM? #ªv M,K +O KbM?X

E?¬M; B +! i? M?"M ` bU i? v ç' B +O G•K >B M M?QM; h`QÆM; EB i +! i? X h
i?QìM; ;?B +?ûT HϕB ;b ç! `²B çQ +?Q i?Q FQ +m°+ ?¼T b„T t T HϕB- K'v ?¬K M v
M;"v b m F?B ,M m®M; t½ ;B Q tQM; - M? b) H"i ç"i p M?" M; v- K'v ?¬K M v M? H
p X o" +ÁM M?B m +?mv M M?Ä M?†i K" +?d M;QìB i?•M +"M KÈB +! i? M?bM ` ç

æ K M v- G•K >B M ç½ F +?Q M? M;?2 p +¬ ;€B ç!- p K®B ibM? #ªv M,K +O M
G•K >B M F?¬M; K°i +•m Q€M i`€+? M;QìB +QM ;€B ç!- M? M?"M ? i H¶B H-K p
i`QÈ+ M? i?U+ bU F?¬M; +?`m M' B F?B +¬ +S HªB M?ªB F?¬M; /Si- #•v ;Bì F?¬M
`¶M;X

M? F p¬ b® çB m p M;QìB +QM ;€B M? v m +?Q h`QÆM; EB i M;?2X \_'i`i M?B
tm®M; #`M pb [m€ b v KÈB M;QM; F?¬M; F M[X

G•K >B M H" +?O +O i" T çQ" M *X2biX B +kM; #B i ç M M? M?Q K°i ¬M; i`MK i`Q
F?¬M; B #B i ?Q" M +ªM? H9+ i`QÈ+ +O M? ` b QX E?¬M; K°i B #B iX

h?U+` G•K>B M H` çS i` K<sup>2</sup>+¬B+? X\*? M?iU b€i b m F?B ;B i M;Q`B b d M?K
 i? i`<sup>a</sup>M´B F?Q<sup>a</sup>M MÊ+ì #ç+X G9+ ç! M? KÈB KQ`B i m´BX o` K M?- #`L;¬ a M-
 i M #B M i?€B FB X "" ?ÆB K iQM- /M b Q +kM; H` K°i bBM? KçM; M M F?¬M; #Ä
 o` ? B M,K b m- #^M; K°i +€+? Fb /B m M`Q ç!- çS i` FB pšM HÈM H M F?Q K
 T?^aB +?mv M çB `i M?B m MÆB M?QM; ?¼ F?¬M; T?B M HÁM;X ob ?¼ [m2M `²B-
 i?Q`M; `²B- ?¼ [m2M pÈB pB + #`K„M; M?B + `²BX
 L?QM; ¬M; i`B +! K„i- ç½ çQ€B ?Q`B ç M ;B çbM? F?mv i +? +O M?X L,K M
 G•K h?m} +O M? #®M i m´B- ?¼ çQÊ+ K°i +†T pÊ +?²M; M;Q`B 8+ M?“M Mm¬BX >
 çB- pÈB H`B ?S b) M?`M;Q`B +?,K b!+ +?Q L;¬ a MX
 E?Q^aM; i?`B ;B M ç-m [m 8+- G•K>B M K„+ +?SM; `®B HQçM +^aK t9+X E?B M?
 +^aK¼B M;Q`B- i?“K +?Q pÈB +<sup>a</sup>M?[M; M;Q`B i?•MX a m M`v # M? i bM? +! çĐ ?Æ
 i`Î M M HçM? HMM;X
 h€K M,KX >¼+ i”T `²B H`K i?m +?Q +¬M; iv HÈMX M? [mv i ç`M? i`Î p iU i?•M H
 +?Q M? K°i b® iB M F? F?€ ç p MQÊ+ tQ v tÎ H`K ,MX h`QÆM; EB i ç½ i?2Q M
 M;?B T M M #B i`ä i?“M? +¬M; M;`v ?¬K M v +O G•K>B M H` ?Q`M iQ`M tSM; ç€
 h`QM; [m€ i`bM? ;B M M M # M ç-m ç!- M?`+! K M?- +! +¬- +! h`QÆM; EB i M? K
 iv b„T #` #B M K`i p b F?¬M; +çM? i` M? M´BX
 a m F?B bU M;?B T /-M´M ç`M?- M? ç½ [mv i +?¼M +¬ H`M;Q`B T?K M[+O KbM
 i”M #^av M,K`ÁM;- +¬ F?¬M; çÁB ?ÁB- M? F?¬M; i? i?®i- ?¼ pšM /mv i`b K®B [m
 ?ÆM F?¬M; FûKX
 h`QÆM; EB i H€B t2 çQ G•K>B M p M?“X "" L;¬ a M ç½ M;O M M h`QÆM; EB i +®
 ç°M; HÈMX
 a m F?B ç†i G•K>B M M^K M; v M;„M i` M ;BQ`M; M? KÈB v M i•K` p X
 G•K>B M F?¬M; M;O çQÊ+- +! H) #ÎB iB M; KQ [m€ HÈM- +! H) #ÎB +ÆM M?S+ ç
 M? ç½ iWM; Km®M ;¼B çB M +?d ç M;?2 ;B¼M; +¬- ç½ iWM; KQM; +¬ [m v HçB
 çO + M ç^aK ç H`K çB m ç!- ç M i`QÊ+ K†i +¬ p` M!B H`B tBM H¶BX S?^aB +?,M; pb
 ? v pb M? i?U+ bU M;€M M;~K F?B Î# M K°i M;Q`B T?K M[ [m€ H•m\ M? F?¬M; `.
 æ K M v +kM; p”v- M? HçB M?È +¬X M? F?¬M; FB K HÁM; M´B- +¬K çB M i?QçB
 ;B! b€M;X
 æ-m /•v # M FB b m K°i ?²B BK H†M; F?¬M; M!B ;b- +?Êi T?€i` ;B¼M; M!B ´K €
 HçM? +O M?X
 óG•K>B MX M? HçB b v M[``ô
 ó ó
 ó!®M; +?9i i`” ;WM; `²B çB M;O çB- +ÆM M?S+ ç-m b) çĐ ?ÆM ô
 ó ó
 ó ó
 óJšM L?mXô
 ó ó
 ó1K +ÁM ç [m M K´v +m®M b€+? Î +?¶ M?Xô
 ó>¬K M`Q `½M? 2K ;?û H´vXô
 _²B +¬ /”T K€vX *¬ ;B”M `²BX

h?U+ ` M? Km®M M|B tBM H¶B +¬- M?QM; H¢B M|B HìB i`M M?šM ç| - ç +¬ M;?o
[m M ç M +¬X L?QM; M?Q p"v +kM; i®i- +| i? M;?2 çQÊ+ iB M; +¬ H" i®i H„K `²B

kX *?QÆM; k, aU *® L;Q`B v Jm®M

>ÆM K°i i?€M; b m F?B +?B i vX >` JšM L?m F?¬M; +| ?SM; i?9 H`K #`i +S pB +;
#KM; H•m H•m H¢B i`QÈM; H M M?Q #` ç-v ?ÆBX

æ²M; M;?B T+O +¬- >¢ hmv i .mv M- F?¬M; Km®M i?'v p K†i i?'i i?¬M +O +¬ M
+¬ çB Km b„K- F i [mª H-M M`Q +kM; M?"M çQÊ+ +€B H„+ ç-m M; Q M;€M +O +¬
i?m X

ó1K v mX æB ,M ç² MQÈM; çB- ?¬K M v +| ç¢B ;B # QXô hmv i .mv M M?€v K„iX
óE?¬M; çB ç•mXô *¬ +QìB i`W- T?'i i v iW +?®BX

óÂ ? v- ;B€K ç®+ KìB çB K" /€K iW +?®B `lô hmv i .mv M i`WM; K„i- M;?B K K†iX
óh?¬B çQÊ+ `²B #` +¬- i¬B çB i¬B çB- çQÊ+ +?Q lð *¬ ç`M? tm®M; MQÈ+ M?"M H
"m´B +?B m i M H`K- h´M; ;B€K ç®+ KìB #° T?"M .`+? i?m"i çB ,MX >¼ FûQ M? m ç
+| iB M; +€+? ç| # F?m T?®X JšM L?m çB pÈB hmv i .mv M- pW tm®M; t2 +¬ ç½ +
+S [m†M H M ? i çÊi M`v ç M çÊi F?€+X *¬ M;?o +?„+ K'v ?¬K M v F?¬M; ,M m®M;
KÐ KÈB Ê +?m M?Q p"vX

o`Q # M i`QM; [m€M- i?S+ ,M /¼M ` +?Q çQÊ+ # Q H•m- +¬ M;YB i?'v KMB ?`M?
` M;Q`BX JšM L?m H"TiS+ +?¢v p`Q M?" p bBM? M¬M i?®+ M¬M i?€QX *?„+ #
#~K- H'v F?,M ;B'v +?MB KB M; `²B M;²B v M i` M #²M +¬mX

*¬ `9i çB M i?Q¢B i`QM; i9B t€+? ` - K`M ?bM? i`®M; i`ÆM F?¬M; +| +m°+ ;¼B M
J'v im-M [m ç K M`Q +¬ +kM; M^K F?|+ K°i KbM?- +m°+ b®M; +O +¬ [m M? çB [r
'v pB +- i?S+ /"v- çB H`K- ,M- i„K- F?|+¬ M;OX \*S H†T H¢B M;`v [m M;`v M?Q K°i
L;`v M`Q +¬ +kM; +¬K çB M i?Q¢B FB K i` - +?l +m°+ ;¼B +O G•K >B M- M?QM;
+ M çªK ç|M M?"MX L?Q M;`v ?¬K ç| - F?B +¬ pW F?|+ tQM; K°i i`"M i?b M? ;¼B
HÁM; H¢B M?"M çQÊ+ +m°+ ;¼B iW M? M M +ªK ;B€+ H9+ i`QÈ+ [m v H¢B- +¬ ?
H¢B #ªQ +¬ ç M K M; K'v +m®M b€+? +O +¬ çBX

h?b ` #ªv M,K [m ;B[ ?¼ +kM; +?d +| i? - ? i v m `²B i?b M;QìB FB /M +| i?î i?-
;?ûiX

Zm v i`î H¢B #`M ,M- +¬ F?¬M; i`B M`Q Mm®i M´B K|M ;b- +?d m®M; MQÈ+ H¼+ +
óL`v i?QK- #° +| #¬m ? v b Q K" FûM ,M p"v ?ªlð >¢ hmv i .mv M #m¬M; çk M?bM
,M iQÆB Mm®i b®M;X

ó*?„+ F?¬M; T?ªB ç•mXô *¬ M;~M ` X

ó*?„+ F?¬M; T?ªBX G" +| w ;b\ h` K'v M;`v `²B lð

óJÈB # M;`v i?¬BX *?„+ F?¬M; T?ªB ç•m- # M? /¢ /"v i€B T?€iXô *¬ +QìB +QìBX

óæBX æB p i?Y M; v H"TiS+X "Ä bÈK +ÁM ?ÆM Km°M5ô hmv i .mv M M„K i v +¬
FB X

E?¬M; T?ªB iU M?B M >¢ hmv i .mv M H¢B +| €+ +ªK pÈB ç`M ¬M;X *¬ iWM; v m
M;QìB ?¼ [m2M M? m F?B +ÁM M?Ä- i`€B iBK i`QM; b€M; +O +¬ ?Q`M iQ`M #` M
i? M? tm•M iQÆB ç T ç m /"M? ? i +?Q M;QìB i X L?QM; b m ç| M;QìB i H¢B #Ä`
iW #B iX

>¢ hmv i .mv M FûQ JšM L?m p"Q ?B m i?m®+ ; -M ç|- Km [m2 i?Y i? B `²B #„i + -
h`€B iBK JšM L?m ç" T +? +? K°i M?`TX *¬ F?¬M; #B i KbM? M M H"K ;bX a m M,
+?|B ?B M H M- ç" T i?ŠM; p"Q i`€B iBK `mM `~v +O +¬X
hmv i .mv M + -K [m2 i?Y i? B MûK p"Q i?MM; `€+ - iS+ ;B" M F?¬M; M|B M M HÌB
Jm®M ;B[i?b ;B[- Km®M #Ä i?b #ÄX h¬M i`¼M; w FB M +O +¬Xô
óL;`v K B tBM M;?d ;B9T KbM?X æ M # M? pB M t2K i? M"Q `²B iQM? iB TX :BÌ
+„M +„M K¬B- i v i`€B #'i ;B€+ €T H M #KM;X
æ K ç| +¬ F?¬M; i? M;O çQÊ+ - H M K¢M; i` +Sm M?[M; i`B m +?SM; +O M;QìB
o"v K" #'v H•m M v +¬ +S M;?o H" i`B m +?SM; ?"m +?B i vX
a€M; ?¬K b m- +¬ /"v i` - +?¬M +?W K½B KÈB H'v çO + M çªK #QÊ+ +?•M p"Q T?Á
H" #€+ b o T?K F?Q - K" +¬ H¢B T?ªB ç M MÆB F?€+ ç F?€K i? M"v- pb +¬ bÊ M m
?Q†+ H" K +¬ b) H"K -K H M- ?Q†+ H" +¬ b) T?ªB iU bBM? çS #û K" F?¬M; +|+?
a m F?B tûi M;?B K K€m `²B bB m •K- #€+ b o F i Hm" M +¬ ç½ +| i? B çQÊ+ M,K im-
ç-v çO- H-M b m çB F?€K T?ªB çQ +? çS M?Ä çB +MM;X
*¬ M„K +?†i T?B m tûi M;?B K +MM; i'K ªM? +?KT bB m •K i`QM; i vX Zmv i ç`M?
M|B +?Q M? #B iX L m M? F?¬M; +?`T M?"M +¬ pšM b) bBM? çS i` M"v- M m +
i' +?S+ K°i #[iB + M?Ä ç ` K„i ?¼ ?"M; `²B i?¬BX L?QM; i?2Q iQM? +€+? +O
T?QÆM; €M i?S ? B- pb M? #B i K°i KbM? Mm¬B +QM +U+ F?´i? M"QX
@
*¬ i?Q Fw i?'v +¬ i?b M;¢+ M?B M p¢M T?¬M- pb ?ÆM +ª i?€M; M v +¬ F?¬M; tm'i
ç T +?„+ +kM; #^M; im' B +¬ +?¢v p"Q i`QM; i?¬M; #€QX
ó:B€K ç®+ #ªQ +?` p"Q T?ÁM; M;?d çÊB M? 'v- KQìB T?9i M[M? 'v [m Xô *¬ i?Q
+¨ T? M?û5ô
*¬ ç`M? ;"i ç-m M?QM; +?Êi M?È ` +¨ T? F?¬M; i®i +?Q +€B i? B M M H„+ ç-m-
JšM L?m p"Q T?ÁM; M;?d çÊB- ç9M; KQìB T?9i b m- M? ç~v +Y #QÊ+ p"Q- pšM
`B M; +?Q +¬- pšM pÈB ;QÆM; K†i i?•M [m2M ç|- M? #QÊ+ H¢B M;²B ç®B /B M p
h?Q FQ i?¬M; #€Q pÈB M? `^M; JšM L?m ç M ibK- M? H"TiS+ T?'M +?'M H M- M?
bÈK ?ÆM /U FB MX a m ç| M? çB i?ŠM; ç M T?ÁM; M;?d Î # M +¢M?- M?bM #|M;
pmB KWM;X
*¬ F?¬M; M?bM M?- +kM; F?¬M; M|B ;b- +?d +„M K¬B M?Q Km®M M|B H¢B i?¬B-
ó*?"QX G•m `²B F?¬M; ;†T5ô G•K >B M M;²B tm®M; i`QÊ+ K†i +¬- M;|M i v i?QM
KB M;X
ošM H" +•m +?"Q +k`Q +? 'vX *¬ H~K #~K- F?¬M; #B i M M KÎHÌB i? M"QX
ó1K +| +?mv M Km®M M|BX *?d H" Km®M i?¬M; #€Q +?Q M? i?¬B ô
G•K >B M M?bM +¬ +? ,K +?9- M? ç M; /Á çQ€M #B m +ªK +O +¬ M?QM; F?¬M; i`
F?B +?B i v- +¬ ç½ i`Î M M F?| çQ€M M?Q p"vX ó*?mv M ;b 2K M|B çB5ô
óh?U+ ` ô \*¬ H¢B +„M K¬B- ó 2K +| i? B `²BXô *¬ i?Î ` M?Q i`9i çQÊ+ ;€M? M†M
M?BK H†M; F?¬M; i?®i M M HÌB- +¬ M;QÊ+ H M M?bM M?- i?'v M? +| p F?¬M;
iW i`QM; i9B t€+? ` - i` M ?bM? +?d H" K°i +?'K M?Ä b€M; `U+X ó1K F?¬M; #„i M
#û- 2K +?d M;?o M? +¬M #B i bUi²M i¢B +O M| ô *¬ ç~v i'K ªM? b M; +?Q M?X
G•K >B M pšM ;B[BK H†M; - €M? K„i M? /B +?mv M b M; i'K ªM? bB m •K- ?"M; H
ó.M b Q +kM; +| /mv M pÈB M? mX Jm®M M?"M ? v F?¬M; H" im€ M?- +?Q 2K #B

*¬ i? 'i p¼M; ç SM; /"v `ìB F?ÄB ç|- M? F?¬M; +ªM +kM; F?¬M; M|B M,M; ;bX
J†+ /M i`QÈ+ F?B ç M ç•v- +¬ pšM ?B p¼M; M? +ÁM +?9i ibM? M;?o K" +Qm K M
pB +H9+ M½v H¢B ç # T MB K ?B p¼M; M?Ä M?QB +O +¬X
JšM L?m Mm®i MQÈ+ K„i ç|M t2 p M?“X *¬ M^K Hb i`QM; T?ÁM; F?¬M; +?“m ` - +
p"v bm®i +ª #m´B +?B mX
"" >" çB H"K p i?'v ;B"v +O +QM ;€B î i`QÈ+ M?QM; H¢B F?¬M; i?'v M; QìB ç•m K
ó" ` ®K ?ª\ô "" # "i çB M T?ÁM; +¬ H MX
æ°i M?B M +| €M? b€M; M M +¬ +?“B K„i- ç Q i v H M +?2 H¢B K°i H9+ `²B KÈ [m
+?“m +?9i i?¬BXô *¬ H²K +²K #Á /"vX
*?mv M +¬ pÈB G•K >B M +?B i v # K +¬ F?¬M; #B i- +¬ M|B /®B H" M? çB +¬M;
çQÈ+X
ó>¬K M v +¬M; iv # +QM +| HB M ?Q M- ? B K +QM KbM? ` M; Q" B FB K +?9i ;b ,
#Ä p T?ÁM; X
JšM L?m pW M;?2 ç M +?[ó,Mô i?b #KM; H¢B [m†M H M- +¬ +?çv p"Q T?ÁM; i„K
`½ `ìBX
æ°i M?B M çB M i?Q¢B p M; H MX *¬ +?“K +?¢T M;?2 K€vX
ó M? M;?o `²B- /M b Q +kM; H" H†B +O M?- p" B ?¬K M[M? b) b M; i?Q +?mv M
b m b) H"K ç€K +QÈB- F?¬M; i? ç +€B i? B [m€ HÈMXô :B¼M; G•K >B M pšM /`m
M;?2 çQÈ+ +?9i K i KÄB i`QM; ç|X
óªK ÆM M?Xô *¬ M;? M M; "QX
ó ô
ó pb ç½ +?“T M?“M çS #ûXô
a m ç| M? /†M /Á +¬ p" B +•m `²B +9T K€vX

jX *?QÆM; j, S?® E?¬M; JM

*?mv M JšM L?m K M; i? B F?¬M; i? [m K„i K +¬ çQÈ+- pb /M b Q #" +kM; H"K
;¬M # +?K+ M,K `²BX h?'v +¬ M¬M F? M K'v H¬M- #" KÈB ?ÄB- ó*| i? B "ìô
JšM L?m ;"i ç-m- b m ç| M;?2 iB M; i?î /"B ç m F?' +O # "X ó*QM pÈB +€BXô "" M
;Bì i?b +? M| KÈB [m ç•v i?Q +?mv Mìô
ó M? 'v #ªQ p" B ?¬K M[Xô *¬ ç€TX óJ çWM; M|B pÈB # - bS+ F?Q # F?¬M; i®i-
ó*| T?ªB +O G•K >B M F?¬M; \ô
¬ ;"i ç-mX G9+ M"v #" KÈB /`m tm®M; ç¬B +?9iX ó?B m M v # K b M; M?“ M| #"
+kM; i?Q+? i?^M; >B M- pÈB H¢B bS+ F?Q # "L;¬ F?¬M; i®i- F?¬M; i? #„i M; QìB
*¬ i`ÈM K„i H M pb F?¬M; iBM M?[M; HìB K pW M|BX *?Q ? iFBM? M;ç+ i?b #"
+? çS M?Ä iÈB T?ÁM; F?€K; †T K X L|B +QM K M; i? B `²B- tBM K çWM; K„M; -
K iS+ K" F?¬M; #B i M|B i? M"Q- +kM; K v M| ?B m +?mv M- M|B +| Hw H) M M K
h`€B iBK +¬ M?ªv H M- i?b ` M? ç½ iQM? iQ€M ? i `²BX *kM; +| i? pb çS +QM M
*¬ +QìB iU ;B m- +S iQîM; M? +ÁM HQm Hmv M çQ¢M ibM? +ªK FB

h?U+ ` ? B M;Q`B ?¼ +?d KÈB v m M? m ; -M ? B M,K i`Î HçB ç•v- M,K M,K i`QÈ+
 ? B M? 2KX ob +¬ H" +QM K°i Hm¬M Q QÈ+ +| çQÈ+ M;Q`B M? i` B- +ÁM M? i?
 ç½ Hm¬M Î # M #-m #çM pÈB K M?X J®B [m M ? ;B[?¼ +S K"TKÌM?Q p"vX *?o
 M? KÈB ç M;?` +¬ H"K #çM ;€B M?X
 h?`B iB i b M; i?m- +€B HçM? b2 b2 # Q i`MK iQ"Mi?"M? T?®X *¬ HçB F?¬M; +|
 HçB F?€ +~m i?ª i`QM; pB + +?,K b|+ #ªM i?•MX
 oW iÈB +¬M; iv M;²B p"Q #M H"K pB + i?b M?"M çQÈ+ iBM M?„M +O G•K >B M
 p"Q- F?¬M; HçB +ªK HçM?ªM? ?QÎM; ç M çS #ûXô
 *¬ +Q`B M?ç i- +kM; +?d pb çS #û M? KÈB M?„M M?Q p"v- T?ªB `²B- ? i v m `²B K
 hbM? ?bM? i? B M;?ûM +O +¬ F?¬M; F?€ ?ÆM +?Q H„K- #` >` ç½ M'm `i M?B m K
 i`B M"Q Mm®i M´B- +?d M;YB KMB i?¬B +kM; F?¬M; i? X
 óæS #û M"v F?| +?`m M?d\ "" M'm # Q M?B m K|M +kM; F?¬M; i? K ,MX L|B t2K
 "" >` M?bM +?^K +?^K p"Q #KM; +¬ K" M|BX
 ó*?ŠM; i? K ;b +ª5ô *¬ i`ª HÌB i? vX
 óJ'v i?€M; ç-m ?ÆB F?| +?`mX *QM +| i? K +€B ;b i?b +S M|B K H"K +?Q ,M- F?¬
 *¬ BK H†M; F?¬M; M|B ;b- +Æ i? K i KÄB `½ `ÌBX "m´B +?B m +¬ +S M¬M K½B M
 +kM; pb HQ H„M; M M ç|M; +Y T?ÁM; F?€K Hm¬MX æ M +?B m i®B +¬ KÈB Mm®i
 HÊ HÊ F?| m®M;X
 *¬ i?-K `O çS #û i`QM; #KM;- ç½ F?¬M; tm'i ?B M ç9M; H9+ HçB +ÁM ?"M? ?ç +
 "¶M; +€M? +Y M?" +¬ # "i KÎ- i?2Q b m ç| H" bU tm'i ?B M +O ¬M; >` p" G•K >B M
 M? K†+ €Q bÆ KB K"m t M? M?ç i- i v €Q t„M H M K°i +€+? im€ iB MX h` M i v
 M?bM [m +| p iW bB m i?` KÈB p X
 ó M? pÈB M|ibM? +ì;†T M? m i` M çQÌM;- i? H" p +?mM;Xô «M; >` M|B- FûQ G•
 óo"Q çB +QMXô "" >` çÐ H'v +€B i9B i` M i v M?X ó*QM #û F?¬M; ,M çQÈ+ ;b +ª- #
 ç-m- M?bM p ?QÈM; +¬X
 ó*QM +| Km K'v i?S- F?B M"Q +¬ 'v i? K T?B M K M'm ;B9T +QM M?û5ô M? H
 T?ÁM; F?€+?- çB HçB ; -M +€B ;? bQT? MÆB +¬ ç M; M^KX
 JšM L?m #B i M? ç M M?QM; F?¬M; ` ç|M- +¬ M^K +m°M i`ÁM i` M ;? t2K T?BK
 M;²B p"Q +?¶ i`®M; +¬ +?W HçBX
 ó*| Km®M ,M ;b F?¬M; \ô G•K >B M M?bM ;QÆM; K†i M?Êi M?ç i; -v ;m°+ +O +¬-
 bm'i K" +¬ T?ªB +?`m çUM; M?Q p"vX
 óE?¬M;- +?d Km®M M^K i?¬BXô *¬ M;²B /"v- +€+? M? K°i F?QªM;X
 ó M? M;?o `²BX E?¬M; i? H"K T?B M K 2K çQÈ+- /M b Q K +ÁM T?ªB H"K pB +X
 +?¶ M?- iB M +?,K b|+Xô G•K >B M K•M K +€B çB m F?B M iB pBX
 óE?¬M;X 1K Km®M Î ç•v- b m M v +| +?mv M çÐ T?ªB /¼M çB /¼M HçBX J iô *¬ i?
 K„i M?X
 G•K >B M + m K"vX ó*?mv M ;b H" +?mv M ;b\ô
 JšM L?m BK H†M;- +¬ F?¬M; Km®M HçB +½B M? m pÈB M?- ?¬K M v +¬ ? i bS+ `
 ó1K M;?o i? M"Q i?b im€X *QM M? M? M?'i ç`M? b) +?,K b|+ i®iXô M? M|B iB T
 *¬ +Q`B M?ç i- T?ªB `²B- M? +?d [m M i•K ç M +QM- +| F?B b m M"v +¬ bBM? +QM
 F?¬M; i?QÆM; iB +X L;?o i? M?QM; +¬ F?¬M; M|B ` - +?d H†M; H) çB p T?ÁM;X

M? çB i?2Q b m +¬X «M; #¨ >¨ ?B m w M M F?¬M; ç M H¨K T?B M- +?d /†M /Á +
H¨K +?Q ,MX
ó M? F?¬M; p ¨\ô *¬ + m +| M?bM M?X
óE?¬M;Xô M? i`ª HÌB- b m ç| H¬B #º [m-M €Q Î M?¨ i`QM; i9B t€+? ` ç2K p¨Q T?
o¨B ;B•v b m iB M; MQÊ+ +?ªv i`mv M ç MX *¬ M?bM #|M; M? KÌ KÌ b m +€M? +
h v +¬ ç†i H M #KM;- +® ;„M; +ªK M?“M K®B HB M F i pÊB çS #ûX L?B m H9+ p¨i
#Ä [m„i M| çB +?Q tQM;- içB b Q +¬ HçB T?ªB +?`m çUM; çS #û M¨v F?B K¨ +? M
M[ç•mX
*¬ M^K M;?o #m•M; [mÆ- ç M F?B G•K >B M iW T?ÁM; i„K #QÊ+ ` KÈB ?Q¨M ?²M
G•K >B M H m F?¬ +Æ i? `²B +?mB p¨Q +?,M M^K b€i # M +çM? JšM L?mX
ó M? H¨K ;b p¨v\ô *¬ ?ÆB F?| +?`m F?B M? ¬K H¨v KbM?X
óL;OXô M? i`ª HÌB ?Ì ?[M;- pÁM; i v +¨M; bB i +¬ +?†i ?ÆMX
óE?| +?`m [m€5ô *¬ pMM; pšvX "B i #ªM i?•M F?¬M; i? i?Q€i çQÊ+ M M +¬ HªM; b
Zmª M?B M ?B m [mªX G•K >B M M•M; M;QÌB /¨v M; v H¨T iS+X óJm®M ,M ;b\ô
ó M? çB Km ¨\ô *¬ HB + M?X
G•K >B M HB + M?bM ç²M; ?² çB M iY i` M #¨M- óh` H„K `²BX æ M? M'm ;b ç| +?
ó1K Km®M ,M #€M? i€QX M? #B i H¨K F?¬M;\ô
ó1K M^K M;O Kºi H€i çB- F?B M¨Q tQM; M? ;¼B 2KXô
G•K >B M çB ` F?ÄB T?ÁM;X L;QÌB ç¨M ¬M; M¨v K¨ #B i M'm ,M ¨\ *?mv M F?| iB
H¨K i?b +kM; M?Ì M;QÌB +?çv çB Km /MK- +?S M? çÌB M¨Q #B i H¨K K¨v K|M +¬m
*¬ M^K tm®M; M?QM; F?¬M; +?ÊT K„i çQÊ+- +?„+ +| H) pb MY ç K MY ?¬K #„i M
?“MX
*¬ H²K +²K #Á /¨v tm®M; # T t2K i?YX h?¨v M? ç M; +?,K +?9 H¨K +€B ;b ç| i?b +
S?€i ?B M +¬ çSM; Î +Y # T- M? M|B- ó M? F?¬M; #B i H¨K #€M? i€Q- 2K ,M iç
M? +?çv çB Km +?Q 2KXô G•K >B M /9B p¨Q i v +¬ +€B #€M? # Q M|M; ?´BX
*€B #€M? M|M; ç M `€i +ª i v- +| H) M? KÈB H¨v iW i`QM; M²B ` X óL|M; p¨v B K
i?b çWM; H¨K- F?¬M; B #„i M? H¨K +ªXô *¬ ç†i +€B #€M? tm®M; #¨M- K¬B KQK I
G•K >B M i?Î /¨B MQM M?`M- M? ç½ +® H¨K i?“i M? M? pb HQ +¬ ç|B- p¨v K¨ +¬ H
+kM; TªB ,MX Jºi +?9i +kM; çQÊ+Xô M? tû Kºi KB M; çQ iÈB i¨M KB M; +?Q +
*¬ Mû b M; Kºi # M- M?QM; M? +S +¬ +?'T M M +¬ ç¨M? ,M Kºi KB M;X æB m ç€M
M¨v- +ªK ;B€+ #m²M M¬M ?Q¨M iQ¨M #B M K'IX ó*kM; çQÊ+Xô *¬ ;¨i ;MX
ó•M M?B m Kºi +?9i- M?bM 2K t M? t Q [m€5ô M? FûQ ;? M;²B tm®M; +çM? +¬X
¨` M? M?bM ç M K'i iU M?B M- +¬ ?„M; ;B¼M; [m v K†i çB +?¶ F?€+X
óJ B /¼M p +?¶ M? M?û5ô M? ç M;?`X
óæQÊ+ i?¬BX oÈB çB m FB M M? TªB Km i'i +ª ç² /MM; +?Q 2K- b m M¨v HÐ +|
+¬M; i?m /¼M- M? +kM; F?¬M; TªB +?QÊM; K„iXô *¬ i`ª HÌB Kºi +€+? /YM; /QM
G•K >B M / v / v ?mv i i?€B /QÆM;X M? K'T K€v K¬B K¨v H¬M `²B KÈB KÍ KB M;
#Ä M;QÌB ç½ bBM?` +QM M?Xô :B¼M; M? i`-K tm®M; M;?2`¨i ç€M; bÊX óa Q 2
p¨v\ L m Km®M M? +| i? ;YBiB M T?K +'T ?¨M; i?€M; +?Q 2K ç Mm¬B çS #û- M
M?“M M|X 1K +ÁM Km®M ;b M[\ô
óo¨v içB b Q M? +?'T M?“M çS #û\ô *¬ M;?B M; ç-m M?bM M?- #Ä p¨Q KB M; Kº

óLm¬B +QM K°i KbM? ``i p'i pªXô M? i`ª HÌB- i`€M? €M? K„i +O ¬X

ó1K F?¬M; M;?o p"vóX

ó*?S 2K Km®M M? i`ª HÌB i? M"Q 2K KÈB pW HÁM;\ô G•K >B M [m v M;Q„i [m KbM?X

Jm®M ;b ``\ *?d Km®M M? i?W M?"M`^M; M? +ÁM v m 2KX *¬ Km®M M|B M?QM,

JšM L?m F?¬M; Km®M ç¬B +Q pÈB M? M[- +¬ #Ä /Î +€B #€M? ç M; ,M- F?¬M; M|B M;OX

h?"i` +¬ +?d Km®M #B i+m®B +MM; M? +| v m KbM? F?¬M;\ o®M /o M? +?d ç F?¬M; ? iÄ ibM? pÈB +¬X M? M|B ó\*| Km®M H`K #¢M ;€B M? F?¬M;ô +?S F?¬M M?û5ôX > B +•m M;?2 +| p ;B®M; M? m M?QM; +¬ H¢B +?Q`^M; ``i F?€+ M? mX +?ŠM; i? i?®i? v ?S ? M ;b- M?[M; +m°+ ? M ?Á +O ? B M;QìB +kM; +?ŠM; HÁM;- Km®M #m¬M; #Ä i?b M? H¢B tm'i ?B M +?B K i`¼M i`€B iBK +¬X *?mv M M?)Q M?Q i? M m ?¬K ç| M? F?¬M; HÈM iB M; pÈB +¬X

hbM? v m +O M;QìB ç`M #` Hm¬M HÈM H Q M?Q i? - ç¬B F?B +?d +¬M K°i ?`M? i`€B iBK ?¼ 'K €TX

9X *?QÆM; 9, h`Î o

JšM L?m tBM M;?d H`K p`B ?¬K- çÈB F?B M"Q +Æ i? ´M ç`M? +¬ H¢B çB H`KX * M;O çQÊ+ b•m- ç M ;¬M b€M; KÈB +?ÊT K„i çQÊ+X

a€M; M v +¬ /"v i` - ?ÆM +?QM ;Bì KÈB +?`m `ìB F?ÄB ;BQìM;X \*¬ tm®M; # T ib ç M; H`K ;b ç|X

ó•M b€M; çB- G•K >B M M| /"v iW bÈK H`K +?Q +QM ç|5ô "" >" M|B K" F?¬M; M?bm #` ;b ç|X

ó M? 'v ç•m`²B ¢\ô \*¬ M;²B p"Q #`M- M K i?Y K|M Kb ?Q`M? i?€M? pšM +ÁM M|M;

óæ M +¬M; iv `²B- çB M i?Q¢B `ùQ bm®i K" M|M? i [mv i M'm +?Q +QM tQM; KÈB

*¬ #om K¬B- i?¬K M;?o M? +kM; #B i H'v HÁM; [m€ ç'v +?SX

ó•M tQM; i?b m®M; b[- +| K'v pB M b„i- F)K- K @;B K ç ç|M?È m®M;5 " i?€M T?ªB #´bmM; ç-v çO +QM KÈB F?Q çQÊ+ ô "" >" im¬M K°i i`M; FB M i?S+ i?B M M m®M; i?m®+ H9+ M"Q- M;?d M;ÆB` b Q- M?QM; +¬ +?ŠM; M?È M´BX

•M b€M; tQM; +?ŠM; # Q H•m K +¬ H¢B ;¼B p"Q ,M i`Q X

óJ H`K # Q M?B m H` K|M M;QM- `€M; K" ,M +?Q ? ióX "" >" ;„T +?Q +¬ K°i KB M;

JšM L?m pW M;YB i?'v KMB ?`M? i•v HB M +?¢v M; v p"Q M?" p bBM?- M¬M +?¶

óG9+ b€M; +ÁM ,M çQÊ+ K"5ô "" pm®i HQM; ;B9T +¬X

*¬ H'v F?,M +?MB KB M;- [m v i`Î H¢B #`M ,M- +?Q F`T M;²B tm®M; H¢B +?¢v M;

" H¬M M?Q i? - +¬ FB i bS+ M;²B i?W` - F?¬M; +-K M¶B çk X

óa Q p"v +QM\ E?¬M; Km®M ,M ;b ``\ô "" >" pm®i K'v bÈB i|+ HQ" tQ" i`QÈ+ i`€M + t€+ +O +¬K" ç m HÁM;X

óæS #û F?¬M; +?`m ,M- +QM +kM; ? i +€+?Xô *¬ M|B K°i +€+? v m ÈiX

ó*?„+ M| +?d +?`m K¶B ç² ,M # M| M'móX L;?2 i?'v K M|B K" +¬ +?°i /¢- +| F?B ç
`²B +ª b€M; M v- ç² ,M M? M'm ` +¬ ç m Mm®i tm®M; çQÊ+ ? iX

óJ M;?o +QM M M /¼M b M; +?¶ G•K >B MX S?ÁM; F?€K /¢Q M"v ç¬M; # M? M?•M
a M; # M ç| +| M;QÌB +?,K b|+- çWM; #„i M| +?¢v [m +?¢v H¢B- K iX G +QÊB F
K'v M;QÌB i?•M ç M /U tQM; çB ç,M; FQ F i ?¬M H" çQÊ+X aBM? +QM tQM; Km®M
MQÊ+ H¼+ ç M i`QÊ+ K†i +¬X

*¬ BK H†M; F?¬M; M|B H¢B ;b- ç M; bmv M;?o p'M ç K +¬ M|BX L m p"v +?d +ÁM
h®B- JšM L?m ;¼B +?Q G•K >B MX

ó M? +| ;?û M?" 2K F?¬M; \ô

" M FB BK H†M; K°i H€i `²B KÈB i`ª HÌBX ó*|X L?QM; ?ÆB Km°MXô

ó*¬M; iv +| pB +; 'T i?b F?¬M; T?ªB b M; ç•v ç•móX

ó1K ç½ ,M çQÊ+ ;b +?Q \ô

óJ°i +?9ióX

óJ M|B b€M; ;BÌ 2K +?ŠM; Mm®i çQÊ+ ;b5 1K ;„M; ,M ;b çB- H€i p M? M'm +?Q 2

*¬ #¶M; M;QÊM; M;MM;- +?ŠM; H) K M|B +?mv M +¬ +?d ,M çQÊ+ ç² M? M'm +?Q
+? i K'iX ó B +¬M M? M'm5ô :B¼M; +¬ ?ÆB p'TX

Í ç¬m /•v # M FB i`mv M ç M iB M; +QÌB i?QªB K€B +O M?X óæQÊ+ `²B- H" +QM

óG"K pB + çB- T?B M T?S+5ô *¬ /"T K€v- K M; i?2Q MB K pmB M?Q M?Ä +?bK p"
#ªv ;BÌX

E?B i`ÌB iÌ KÌ b€M;- JšM L?m #` ç€M? i?S+ #ÎB +?B +M K #` H9M tm®M; K°i # M-
+?,M ¬K H'v +¬X *¬ i`Î KbM?- i?2Q [m€M iQM? `9+ p"Q MÆB 'K €T FB X

E?B H"K tQM; +¬M; pB +- M? M?bM ç²M; ?² ç½ ?ÆM ? B ;BÌ b€M;- M;?o ç M +¬ Î
M? HB M ;?û +Y ?"M; iB M HÊB Km K'v i?SX G9+ b€M; +?m~M #` `ÌB F?ÄB M?
+?b F?Q€ M?"- #ªQ M? ;B[H'v- F?B M"Q +-M i?b ;?û F?ÄB T?ªB K„+ +¬M; çÊB +
MQÆM; i?2Q €M? ç M TBM +O çB M i?Q¢B K" p"Q i`QM; M?"X

ob i?S+ bm®i ç K M M M? K i KÄB +ª M;QÌB- ç`M? #KM; H"K ç¢B ;b ç| +?Q +¬ ,M
+kM; ;¬M b€M; `²B- ç H€i M[/"v H"K +kM; F?¬M; Km°MX h? H" M? +?mB p"Q T
K°i ;B'+ M;QM H" M?X

JšM L?m F?¬M; i? M;O i? K çQÊ+ M[pb +¬ +ªK i?'v [m€M |M;- pW M|M; pW M;É
;B"i KbM? F?B i?'v M? M^K +¢M?X :QÆM; K†i FB M M;?` +O M? ç" T i?ŠM; p"Q
M? i? K K°i H€i M[`²B KÈB ç€M? i?S+ M? /"vX

G•K >B M +? m K"v pb #` ç€M? i?S+- ;B'+ M;O ç®B pÈB M? K" M|B `i [m M i`¼M;
`i F?| +?`m- i?"K +?Q +ÁM K„M; M;QÌB M[X M? KÎ K„i M?bM +¬ `²B [m v M;QÌB
+?,M M;O iB TX

*¬ H v M?- óL"v- +QM M? ç|B `²B5ô

M? F?¬M; M?9+ M?Q+?- K°i H9+ b m KÈB #"i /"v- +kM; F?¬M; i? K M?bM +¬X óæ
?ÆM; tm®M;Xô

L?bM #|M; HQM; K i KÄB +O M? H i` F?ÄB T?ÁM; K" +¬ ?ÆB ?®B ?"M- H) ` T?
/M b Q bS+ F?Q pšM [m M i`¼M; ?ÆM +ª- +| i? Mm®i i¢K ;b ç| +?Q çÐ ç|B i? v pb
p"vX

*¬ F?¬M; ç`M? HÁM; Km®M tm®M; M?" t2K M? H"K ;bX J v K" +| #" >¢ T?K- M m
H¢B i,M; H MX

o" B + ? K + T ? 9 i b m - G • K > B M / ¼ M ` # " M ? B K | M M ; Q M K „ i - # Á + m ° M T ? ¬ K B p l
 i ? Æ K t ° + p " Q K k B - + k M ; ; B ® M ; M ? Q K ' v H - M i ` Q Ê + - M ; Y B K | M M ? M ' m + ¬ F ? ¬ M
 p " Q ç | H " + a K ; B € + i ? K , M X * ¬ , M ` ' i M ? B m - ç M M ¶ B # " > ¢ + Á M T ? a B i ? ® i H M - ó
 K ¶ B + ? ² M ; X ô
 * ¬ p † + H ¢ B - ó E ? ¬ M ; T ? a B + ? ² M ; X ô
 G • K > B M M ? b M + ¬ + ? , K + ? 9 - ? Æ B + , M ; i ? Š M ; X
 ó E ? ¬ M ; T ? a B + ? ² M ; + ? Š M ; H) H " # " K K \ ô " " > ¢ H B + + ¬ X
 ó * ? d H " + ? ç S M ? Ä i ? ¬ B ô * ¬ i ? b i ? - K M ? Q M ; ç O ç G • K > B M M ; ? 2 i ? ' v X
 æ Ê B b m F ? B # " > ¢ ç B H " K - M ? K È B K Î K B M ; X ó 1 K + S + | i ? " M ? F B M p È B M ? i ?
 * ¬ p û i ? i T ? - M F ? Q B i • v M ; ? B M + ? Q p " Q K B M ; M m ® i t Q M ; t m ¬ B ` ² B K È B i ` a H
 i ? b ç 9 M ; H " p " v X ô
 ó o " v i ? b M | B i ? Y t 2 K M ? ç ½ H " K ; b \ o " T ? a B H " K ; b 2 K K È B i ? ¬ B ç v M ; ? B M M ? M
 + ? ^ K p " Q K „ i + ¬ X
 ó 1 K F ? ¬ M ; # „ i M ? T ? a B H " K ; b + a - + ? d K m ® M # B i ô - + ¬ F ? U M ; H ¢ B - K m ® M # B i
 h - K K „ i + ¬ / Ì B b M ; + ? ¶ F ? € + - F ? ¬ M ; M | B i ? K # ' i + S ç B m ; b M [X
 ó " B i ; b \ ô M ? ? Ä B H ¢ B X
 L ? Q M ; + ¬ F ? ¬ M ; i ` a H Ì B X
 a m K ° i F ? Q a M ? F ? „ + B K H † M ; M ; ¢ B M ; M M ; - M ? p š M H " M ; Q Ì B H M i B M ; i ` Q Ê + X
 + ? 9 i ` ² B + ? 9 M ; i F i ? ¬ M - ç W M ; ç + € B i ? B H È M [m € - + Á M ç , M ; F Q F i ? ¬ M - M m
 + ? 9 M ; i ç B ç , M ; F Q X ô M ? M | B M ? Q i ? M ? b M i ? ' m ` m ° i ; M + ¬ X æ 9 M ; H " + ¬ K Q
 i ? S + M " v i W H • m ` ² B - M ? Q M ; F ? ¬ M ; K m ® M M ? M ; ? o + ¬ H ' v + € B i ? B ` H " K + € B +
 ó G " M ? i U M ; m v M M ? û - b m M " v ç W M ; + | ç ' i ? W 2 K H ' v + € B i ? B ` # „ i û T X ô * ¬ ?
 H ' v M ? m X ó L ? Q M ; K " + ? B m M v 2 K T ? a B ç M + ¬ M ; i v - ; B a B [m v i p " B p B + + ? Q
 ó E ? ¬ M ; ç Q Ê + X ô - M ? # € + # Ä M ; v H " T i S + - ; B ¼ M ; p š M ; B [ç Q Ê + + ? ' i / ` m / " M ; X
 ó æ W M ; [m a M 2 K X ô * ¬ H B + K „ i M ? b M M ? - p K † i F ? | + ? ` m X
 ó 1 K ç M ; K M ; + Q M M ? - H Ð + | + ? m v M i ? b b Q X M ? b) ç ² M ; w + ? Q 2 K ç B H " K M m
 M ; ? B K F ? „ + M ? b M + ¬ - + | p M ? Q F ? ¬ M ; i ? F ? ¬ M ; i ? Q a i ? m " M X
 > B M ; Q Ì B ç ' m K „ i p È B M ? m - ` ® i + m ° + + ¬ T ? a B M ? ` M - ; " i ç - m ç ² M ; w p È B M ? X
 K „ i M ? i ` Ì M M p m B i Q Æ B ? Æ M ? Š M - M ? Q M ; H w i ` Q + ¬ M ; v H " T i S + T ? O M ? " M - i ?
 p ç S # û + ? S F ? ¬ M ; + | w ; b F ? € + X
 G • K > B M + ? Î + ¬ i W + ¬ M ; i v p i ? Š M ; M ? " M ? X M ? t € + ? p H B + Ð i ` m M ; + O + ¬ p
 ç ½ ç ' B + € B ; B Q Ì M ; ` ° M ; ? Æ M X
 ó a Q H ¢ B ç ' B ; B Q Ì M ; \ 1 K i Q Î M ; K b M ? M ; O ` B M ; X ô * ¬ M ? , M K " v M ? b M M ? X
 ó L ? Q p " v i B M ? Æ M - M ? i Q Î M ; 2 K F ? ¬ M ; ç w + ? S X ô G • K > B M i ` a H Ì B M ? Q M ; F ?
 + O + ¬ p " Q + ? m M ; i O p È B M ? X
 * ¬ ç Ä K † i - + a K ; B € + ? B K € M | M ; ` M - + ? m v M + ? Š M ; + | ; b M m M ? F ? ¬ M ; M | B p
 h ? ' v + ¬ ç S M ; M ; • v ` ç | - M ? K È B ; ¼ B + ¬ H ¢ B - / † M / Á ç ¬ B ç B m X ó æ W M ; H " K p B
 æ B H " K p b È K + ? 9 i - M ? Í M ? " ç Ê B 2 K ô p " i B i d i ? S M ? Ä M ? † i F ? € + M [M ? [M ; + ¬
 * a K ; B € + ' K € T H 2 M H Ä B F ? „ T + Æ i ? + ¬ - + m ² M + m ° M / • M ; i ` " Q i ? " M ? ç ¢ B / Q Æ M ; K
 K M ; i ? B K ½ B - ç M ? b m ® i M ; " v M | B M ? [M ; H Ì B [m M i • K ç M + ¬ - + ? , K b | + + ¬ i W

8X *?QÆM; 8, L m a® S?"M æ½ M ""B L?Q h? 5

h?ìB ;B M b®M; +?mM; H-M M"v ? B M; QìB F?-M; +ÁM +½B +¼ M? m M[- K¶B M
H" M? M?`MX *-K M; i? B- iQM? ibM? ?ÆB F€ [m†+ K°i+?9i- M? ?B m +- ç M; i
M?šM M?`M +?'T i?m" M K¼B v m +-m /M +| T?-M [m€ ç€M; +O +-X

:B[ç K ;B"i KbM? idM? ;B'+- +- Km®M M; ?2 ç¼+ b€+?- M? T?ªB ç¼+ +?Q +- M; ?
+- Km®M ,M Kb + v- M? T?ªB i? v ç² çB Km X æ M; M'm /î i v K'v K|M ,M- +- ;¼B-
t2K +- +-M ;bX

h®B ç|- ? B M; QìB ç M; /U i` M bQ7 M;²B t2K T?BK i`mv M ?bM? i?b çB M i?Qç
+-K çB M i?QçB H M t2K- H" h`QÆM; EB i- M m ;¼B p"Q ;Bì M"v i?b +?„+ +?„M H

G•K >B M çSM; /"v çB ` +?¶ F?€+ M?"M çB M i?QçBX J†i M? +| p +,M; i?šM;X

E?B M? [m v i`î HçB- JšM L?m +ªK M?"M çQÊ+ M? +| +?mv M ;b ç| F?-M; Km®M

ó B ;¼B p"v\ô *-ç€M? HB m ?ÄB M?X

óh`QÆM; EB iXô

ó*| +?mv M ;b [m M i`¼M; b Q\ô \*-HçB ?ÄB- H-M M"v T?ªB ?ÄB +?Q ` +?mv MX

ó*?B M?€M? î 8+ ;†T +?mv MX *-M M? p ;BªB [mv i ô G•K >B M FûQ +- p"Q HÁ
F?-M; v M i•K #Ä 2K HçB ç•vXô

*- p¶ p¶ HQM; M?- /¶ /"M? M?Q çS +QM MQi- óE?-M; b Q ç•m- î ç•v +ÁM +| K 2
M; QìB M? çB ;BªB [mv i bÊK `²B p pÊB 2K5ô

óL; "v K B M? F m i?Q Fw ç M- 2K +-M ;b +S #ªQ +- 'vXô

óh?Q Fw i?QìM; +| K®B [m M ? Kì €K pÊB ;B€K ç®+- HÐ +- 'v ?ç ç°+ p"Q i?S+ ,M
`9+ p"Q M; U+ M? ?Qi ?" KMB ?QÆM; M K iQM?X

M? F?-M; iª HìB- +?d M; ?2 i?'v iB M; F?9+ F?Q+? T?€i ` iW H²M; M; U+X ó M? F
M?Q p"v5ô

*- M;²B i?šM; /"v- HB + M? K°i+€B- óæ T i` B M"v- M?B m iB M M"v- HçB +ÁM +|

óh? 2K +| i?Q+? F?-M; \ô M? Mî MK +QìB M; ?`+? M; ÊK- +¼ KkB p"Q KkB +-X

J†i +- ç Ä HUM; - i`€M? Mû €M? K„i b„+ #ûM +O M?X ó*|Xô *-iª HìB F?-M; +?9i

óh?Q+? +€B ;b î M?\ô >bM? M?Q M? T?ªB H" M; QìB iª HìB +?S F?-M; T?ªB M; Q

óJ¼B i?SXô *- / /†i- pÁ ;|+ €Q +O M?X

óL m p"B i?S i`QM; K¼B i?S t2KXô >ÆB i?î +O M? T?ª # M i B +- F?B M +- M; Q

óæ T i` BXô

ó:b M[\ô

ó :B"mXô

óh`W p"i +?'i ` i?b +ÁM ;b M[\ô

óÄXô *-M?Q +?Q" M; idM?X óa Q 2K T?ªB M|B\ô *-#†K K-B- M; ? M? K†i H M pÊB

M? +QìB- F?Qû K„i +QM; +QM; ?QT HçB M?bM `i ç€M; v m- óæ€M; v m- ? v M?ä
'K €T- p" H" K +O +QM M?Xô a m K¶B iW M? HçB ?-M H M K-B +- K°i +€B p"
b•mX

*- ç M; M; ?o- M m M? +S iB T iK+ [m M i•K +- M?Q p"v- M; "v M"Q ç| M? `ìB t +-
i?€M; [m - +- çQÊ+ +mM; T?KM; M?Q ?Q" M; ?"m- F?-M; T?ªB ç°M; i v ç°M; +?ç

+?B m i?2Q +¬ K¼B i?SX "'v ;Bì +¬ +ÁM +?Q `^M; M? i?"i HÁM; [m M i•K +¬ +?S
M iQ`M +O çS #û i`QM; #KM;X

h`QÊ+ ;Bì # v- G•K >B M ;¼B +?Q i?Q FQ ç FB K i` ibM? ?bM?- M;?2 +¬ #ªQ Jš
F?¬M; H`K T?B M i? K- /†M /Á ç¬B # +•m `²B +9T K€vX

h?U+ ` +¬M; iv F?¬M; +! +?mv M ;b iQ i€i H„K- +?d H` # K Mm¬B Km®M ;†T M
+QÆM; [mv i Km®M ;†T M? i`QÊ+ F?B H M #`M T?šm i?m"i +'v ;?ûT ; MX G9+ #B
+ÄM +QM M?Q p"v +kM; F m M? p - i`QM; F?B ç! pÊ M? ç M; K M; i? B K i KÄB T
L;`v ç-m iB M G•K >B M çB- +¬ ,M m®M; pšM ´M- i?Q FQ +O M? +kM; `i i®i pÊ
+?mv M M M +¬ F?¬M; #m²M K`vX L?QM; ç M M;`v i?S # i?b i?U+ bU F?¬M; ´M M
a m F?B ,M tQM; #[b€M; i?Q FQ K M; H M i" M ;BQìM; +?Q- +¬ #„i ç-m +ªK i?'v ç
T?€ M M +¬ ç K†+- K~K #KM; M^K M;?d K°i H€i b) F?ÄBX L?QM; p`B T?9i b m K€
i?•M i?b M´B K~M M;S M!M; `€iX \*¬ ?QªM; bÊ ;¼B +?Q #` >`X L;?2 iBM- #` iS+
M; vX

"€+ bo bB m •K- `²B H`K tûi M;?B K- +m®B +MM; MûK +?Q +¬ iì ;B'v M?"T pB MX
ç!M; T?Q M?"T pB MX *€B i? B ?ÄM; `²B- K v K" +€B i? B +?`m ? i- F?¬M; i?b M;
óa Q ç!ô *¬ i`ÊM K„i M?Q F?¬M; iBM p`Q M?[M; ;b KbM? pW M;?2 i?'vX

ó" /` SM; pÈB iÄB T?ªB F?¬M; \ .` SM; M†M; M M iU ç`Q i?ªB +€B i? B- çS #û F?Q
L;QìB M?" +?,K b!+ FB m ;b F?¬M; #B i5ô L[#€+ bo ?W HçM?- F m +¬ çB i?2Q v i
*¬ #QÊ+ çB M?Q M;QìB p¬ ?²M- +S H[M; i?[M; çB b m v i€ `²B H`K i?2Q HìB ?¼ M;I
"" >" +?çv p°B ç M # M? pB M- p`Q T?ÁM; jy3- i?'v +QM ;€B K†+ #° ç² ç²M; T?K+
F?ÄB t!i t X "" ç M # M ;BQìM;- M?bM +€B #KM; +¬ pšM +ÁM M?¬ H M i?b ?ÆB v
ó*?B m H`K T?~m i?m"iXô \*¬ M?bM ` # M M;Q`B- ;B¼M; M;? M HçBX
óS?~m i?m"i ;b\ a Q T?ªB H`K T?~m i?m"i!ô "" ?®i ?QªM; M?bM +¬X
*¬ BK H†M;- F?¬M; Km®M M!B i? K ;bX *¬ K i`²B- i?U+ bU K i H„K `²BX
"¶M; M;Q`B +Y i`mv M ç M ;B¼M; M!B /`m /`M;X ó*?`- 2K p`Q çQÊ+ F?¬M;!ô
JšM L?m [m v M;Q„i ç-m HçB- ? B K„i +¬ Kî iQ- ó"•v ;Bì i¬B F?¬M; +! i•K i`çM; M
çWM; tm'i ?B M i`QÊ+ K†i i¬B M[5ô
*¬ i?Q FQ MQÊ+ K„i M;„M MQÊ+ K„i /`B M;"T M;WM; i`QÊ+ +Y X h?'v +¬ ;€B F?¬
;`Q H M #ªQ +¬ +9i çBX "" >"" ;B[+¬ HçB- M;„M +?Q +¬ #Êi FQ+? ç°M;X
ob pšv pMM; M M +€M? i v i`mv M MQÊ+ +O +¬ #` #mM; ` - K€m iQÆB M?Ä tm®M
+ª K°i F?QªM; /QÈB b`MX
G•K >B M M?"M çQÊ+ +m°+ ;¼B F?~M +O i?Q FQ- ;B¼M; +¬ i MS+ Mî M!B F?¬M;
H9+ H•m +¬ i KÈB #bM? ioM? #€Q iBM JšM L?m #` ?Q i? B /Q /` SM; i?S+ ,MX
G9+ ç! M? ç M; î i`QÊ+ T?ÁM; +'T +Sm çÊB 2K i` B T?~m i?m"i tQM;X L;?2 iBM K
;b- 2K i` B ç M; H`K T?~m i?m"i F?¬M; i? #Ä çB M; v H9+ M`v çQÊ+- JšM L?m i?
i?m"i H`K bç+? /ç +QMX
M? F?¬M; ?ÄB M;mv M M?•M içB b Q +¬ HçB bªv i? B- H9+ ç-m +?d M;?o +¬ M?š
M;?2 ;B¼M; MS+ Mî +O +¬ i?Q FQ- M? KÈB iBM ç! H` bU i?"i- i?"i ç M M?S+ M?@
> B iB M; +?ì G•K h?m} ` F?ÄB T?ÁM; +'T +Sm- M? ç½ ç†i ;'T K°i pû # v p MQÊ
+?Q JšM L?m M?QM; F?¬M; B M;?2 K€vX
M? [mv i ç`M? ;¼B +?Q #` >`X
óJ ç5 JšM L?m i? M`Q `²B!ô

ó *QM #û pšM´M- +| çB m M| #m²M H„K- +?ŠM; +?`m +?Q B p¬i?,K ô
 ó"€+ bo M|B i? M"Q ç\ *| ªM? ?QÎM; ç M b m M"v F?¬M; \ô
 óh?U+ ` JšM L?m M| F?¬M; Km®M K M|B +?mv M pÈB +QM M| ô hB M; i?Î /"B +C
 æ-m K"v M? M?Qm +?†i- +´ ?¼M; ç„M; +?€i p" F?¬ F?®+X óo•M;- +QM ?B m`²B
 +?,K b|+ +¬ 'v ;B9T +QMXô G•K >B M +9T K€v- M? / v / v i`€M- K®B [m M ? +O
 i?B i ?ÆM M?ì çS #û FB - p"v K" #•v ;BÌ HçB ç€M? K'i M|X
 M? i?"K +?Q +ÁM M?ì FB M i`9+ bQ i?B i F T?ÁM; +?Q çS #û- /M F?¬M; #B i M|
 +¬ i?¬M; #€Q KbM? +| i? B- M? i?U+ bU #` b®+X G9+ ç| - +?mv M T?ªB ;€M? i? K
 H" p'M ç +?QM?- p'M ç H" M? T?ªB +?`m i`€+? M?B K pÈB M| - T?ªB Mm¬B /çv
 v mX M? +?Q +?m~M #` ;b ç +| i? i`Î i?"M? M;QÌB +? ?Q" M ?ªQX
 " K Mm¬B +O M? Î# M +çM? i?'v i•K i`çM; M? F?¬M; ´M- KÈB ?ÄBX ó>2M`v\ *
 óE?¬M; +| ;b5ô M? pm®i K†iX
 ó*QM i` B- M m +| +?mv M +QM +S [m v p çB- # K i?"i bU tBM H¶B ç½ ;¼B +Q
 _Q#2`iQ M|B- €M? K„i [m M b€i Fo + "m +QM i` BX
 óh?U+ ` #çM ;€B +QM +| i? B- ô M? M;"T M;WM;X
 óÅM *?9 - +QM #û F?Q +?S\ J `i KQM; çQÊ+ ;†T +?€m KbM?Xô "" \_Q#2`iQ pmB
 i? v +?Q HÌB +?9+ KWM;X
 óL?QM; +€B i? B K'i`²BX a€M; M v ô :QÆM; K†i M? ?^M H M p ç m F?´X
 óGçv *?9 i¬B- b Q +?mv M ç| HçB tªv ` \ *QM K m [m v p t2K +¬ 'v i? M"Q çB- Î
 " Mm¬B +O M? ç†i i v H M p B M?- FûQ pÈ pšM ç M; ?QªM; ?®i p"Q HÁM;X
 óG•K h?m} +kM; b„T ` `²B- ç +QM ;†T M| K°i H€i`²B çB M; vXô G•K >B M M?bM p
 HÁM; [m†M i?„i HçB F?B M;?o ç M +¬ +| i? +kM; ç M; Î i`QM; ç|X
 óJ tBM H¶B- ç€M; ` F?¬M; M M ;¼B +QM p X5ô "" i?9i i?QiX
 M? F?¬M; i`ª HÌB- pb i?'v H9+ M"v +| M|B +kM; F?¬M; Q+? ;bX
 LY iB M; b mX G•K h?m} MY idM? MY K çQÊ+ v i€ ç~v ` - #€+ bo M|B + T?~m
 +¬M; - M?QM; b m M"v +¬M +?9 w ,M m®M; KÈB ?B p¼M; # M? F?¬M; i€B T?€i i`Î
 G•K >B M M?bM 2K i` B- i?^M; M?|+ M"v F?¬M; #B i ,M m®M; FB m ;b HçB F?B M ;
 +| iQ im´B ç-m ?¼+ çÁB M;QÌB i` çB m®M; `QÊm- çÊB M| F?Q HçB- M? M?'i ç`M
 HçB +?Q ç" M; ?Q" M;X
 G•K >B M +?`Q içK #B i K¼B M;QÌB `²B ` b•M # v p MQÊ+X G9+ ç M MÆB i?b ç½
 J†+ /M `i K i M?QM; M? pšM #ªQ i`B t ç M i?ŠM; # M? pB M MÆB K" JšM L?m M
 M? ibK ç M T?ÁM; jy3 M?Q HÌB #` >ç M|B- ç M ;¬M +Y T?ÁM; - M? #¶M; M;?2 i?'v
 +¬X L?[M; ;B¼i MQÊ+ K„i 'v M?Q HQĐB / Q ç•K p"Q HÁM; M?- +S i?"M? iWM; K
 M? ç m F?´ ç•m +| FûK +¬ iWM; ;B•v iWM; T?9i M? KQM; +?ì çQÊ+ ;†T +QM- çQ
 HÈM H MX
 M? M?bM [m F?QªM; i`®M; Î +Y - i?'v +¬ ;€B M"Q ç| ¬K +¬ ç M; F?|+ - p K†i ç r
 M? ç†i Î i v M„K +Y - Km®M p"Q M?QM; HçB F?¬M; +¬K HÁM; M´B F?B i?'v MQÊ+

eX *?QÆM; e, "B m æ² L;-K

a m F?B T?~m i?m"i H"K b¢+? /¢ +QM- JšM L?m i?'v i`®M; `¶M; i`QM; M;QìB- +€
?¼ ?9i Hm¬M +ª i•K ?²M +O +¬ ` p"vX

>¼ M|B +¬ +?d +¬M M;?d M;ÆB i? K ? B M;"v M[H" +| i? tm'i pB M- `²B v i€ ;B9

>¢ hmv i .mv M ç M i?,K +¬X L m M?Q K¼B M;"v +¬ i b) H"K -K H M- `®B HQ¢M
/"v- i?b ?¬K M v +¬ i +?d v M H†M; M;²B # M +¢M? +¬X

JšM L?m #"i F?|+ - +¬ iU ç€M? KbM? pb ç½ ç K'i çS M?ÄX æS i` F?Ä2 K¢M? tBM
;B[G•K >B M p" +¬- çS +QM K" +¬ KQM; M;|M; iWM; ;B•v ç çQÊ+ ;†T K†i H¢B #
b~vX

J'i K°i H9+ b m- +¬ KÈB #bM? ioM? i`î H¢BX

ó*?mv M ç•m +ÁM +| ç|- K'i K°i çS i?b bBM? H¢B ? B çS X E?¬M; T?ªB #m²MXô
i` M K†i ;B9T +¬X

óL?QM; ç| H" +QM +O G•K >B M ô *¬ H~K #~KX

óh?b #ªQ M? i ?ÊT i€+ bBM? i? KXô

ó M? 'v F?¬M; v m KbM?- b Q +| i? +| +QM çQÊ+ M[\ô JšM L?m H¢B #„i ç-m F?|+
+?ªv ` K" F?¬M; +ÁM F m ;"Q M[X

óh¬B i?'v M? i i®i pÈB +¬ M?Q p"v +ÁM ;b5ô *¬ M?ûi K°i KB M; i€Q p"Q KB M; Jš

óæ| H" pb +QM M M M? 'v KÈB H"K p"v ô *¬ Mm®i tm®M; +´- ó iW F?B #B i KbM? b
ç•v M?bM KbM? H'v K°i +€B ç•mX hbM? +ªK +kM; +| TªB b•m M†M; ;b ç•m- ;Bì K
;b ç®B pÈB M;QìB i Xô

G•K >B M î # M M;Q" B M;?2 çQÊ+ ;¬M ? i +m°+ i`Á +?mv M- M? +?€M MªM H M
h?b ` +¬ M;?o p M? M?Q p"v- i?ªQ M"Q +S i?Q+? ?"M? ?¢ M?- +ÁM H'v HQ /Q p
F?¬M; M;ì +¬ H¢B ?B m H-K M? b•m b„+ ç M p"vX

æ M; K½B bmv M;?o #•M; [mÆ i?b #" >¢ ;¼B +?Q M?X

ó*QM ç½ p +?Q \ô

ó_²B i?Q K 5ô

óo"v ;Bì +QM ç M; î ó

ó" M? pB MXô

æ-m /•v # M FB BK H†M; K°i H9+ `²B KÈB M|B iB TX óæ½ ;†T JšM L?m +?Q \ô

ó.¢ +?Q X *| #¢M +¬ 'v ç M i?,K M M +QM +?Q p"Q5ô

ó*QM M;?2 K M|B ç•vX h®i M?'i H" +QM F?¬M; M M p"Q ;†T M| ô

E?¬M; ;B M BK H†M; # Q i`MK i'i +ª- +?d +ÁM H¢B iB M; ;B| t"Q t¢+ # M M;Q"BX

G•K >B M F?¬M; ?ÄB i¢B b Q- +?d +9T K€vX ob M? #B i Hw /QX

>9i ;¬M ? i # Q i?m®+ H€- G•K >B M KÈB [m v p"Q i`QM;X M? çB M; M; [m T?ÁM
[m M b€i- +?d Km®M p"Q M?bM +¬ K°i +€B `²B çBX

h` M çQìM; p M?"- M? M?„M iBM +?Q +¬- #ªQ +¬ ;B[;bM bS+ F?Q - çWM; M;?o
i?'v M M ;¼B +?Q +¬ i?b ç9M; ?ÆMX

ó HQ ô :B¼M; M[/`m /"M; p M; H M M?QM; F?¬M; TªB JšM L?mX

ó*?mv M K€v +?Q i¬B ;†T JšM L?mXô M? M|BX

óJšM L?m M;O`²B5 J" i¬B M|B M"v- M? H"K +?²M; +kM; H¢i?"i- pÊ M^K pB M K" F
 b Q +kM; iWM; +| +QM pÊB M? m- Qi M?B m +kM; M M ;?û [m M?bM K†i K°i +€B -
 óS?B M +¬ M|B H¢B pÊB +¬ 'v- i¬B b) H"K i`ÁM i`€+? M?B K +O M; QìB +?²M;- #ªQ
 i¬B ;?û ¢|M +¬ 'v p 5ô M? #|T i`€M- +ÎB T?,M; +€B €Q bÆ KB MûK tm®M; b"MX
 óE?¬M; +¬M ô+?²M;ô M?Q M? HQX J'v ?¬K M[JšM L?m ¢ M +?¶ i¬B- M m F?¬M
 i?b ¢WM; ;¼B +?Q M|Xô
 hWM; iB M; i9i M; „M p M; p¼M; i`QM; HQ - M? #U+ #°B [mšM; ¢B M i?Q¢B H M; E
 `Y K² ?¬BX
 hmv i .mv M iQìM; i?m"i H¢B M?[M; ;b G•K >B M pW M|B +?Q JšM L?m M;?2X L;
 ¢B- M? „K K„i H"K M;ÆX
 óJ B +?„+ M? i [m v H¢B ¢•v bÈK- i` M? i?O /¼M ¢B i`QÈ+ F?B #` M? i #„i H¢B
 ¢ÊB bmv M;?o i?¬M; bm®i`²B [mv i ¢`M?X æB ? v î- im€ +¬Xô >¢ hmv i .mv M pV
 ;B9T +¬X
 JšM L?m 9T K†i p"Q ;®B H†M; H) F?|+ - +¬ iU M?O- ?¬K M v F?|+ H-M +m®B i?¬B-
 K°i H-M M"Q M[pbi?S ibM? +ªK M;®+ M;? +? M"vX
 a€M; ?¬K b m- ?¼ /¼M ¢B iW bÈKX G9+ G•K >B M ¢ M i?b v i€ ¢ M; i? v i`K i`ªB
 KÊB #B i +¬ ¢½ ¢B `²BX
 M? ;¼B +?Q +¬ K'v +m°+ M?QM; +¬ M?'i [mv i F?¬M; M?' + K€v- M? #m°+ HÁM;
 i?,K ibM? ?bM?X L?QM; #` +?d i`ª HìB [m HQ p" +?Q #B i +¬ Km®M ÍM?" K°i M;
 `ä H" M;QìB #¢M M"Q- i M ;b- ¢` +?d î ¢•mX
 h`QÆM; EB i;¼B M?- #€Q +| +m°+ ?¼T ;'T- +¬M M? ¢ M +¬M; iv M; v- i? H" M
 +¬ b M; K°i # M- ¢€M? t2 [m v p +¬M; ivX
 JšM L?m pšM ¢B H"K M?Q K¼B M;"v- +?d +| ¢B m F?¬M; +ÁM #` +€B i? B ?"M? ?¢
 +¬ +?d H„+ ¢-m +QìB i`W iÄ w F?¬M; Km®M M?„+ ¢ MX
 a€M; M v Kî ¢B M i?Q¢B- K" M ?bM? ?B M +?QM +m°+ ;¼B M?Ð +O G•K >B M- b|M
 `²B +¬ H¢B M;?o ¢ M M? pbi`€+? M?B K KÊB T?ªB H"K p"v M M +¬ +?†M Hm¬M b
 *¬ #€Q pÊB #` >" KbM? ÍM?" >¢ hmv i .mv M- /†M #` F?¬M; ¢QÈ+ M|B +?Q G•K >B
 æ| H" +€+? +¬ +?¼M ¢ i`®M i`€M? G•K >B M- ¢ ;B[K®B [m M ? pÊ +?²M; i` M / M
 i?2Q +¬- i`€M? ;†T K†i M;"v M"Q i?b +¬M; i®i M;"v 'vX
 " ?¬K b m- G•K >B M ¢ M i" M +?¶ H"K ibK +¬X G9+ ¢²M; M;?B T #€Q iBM- +¬ ¢½
 p" M?ì ¢²M; M;?B T M?„M pÊB M? `^M; +¬ ¢B +¬M; i€+ K'v ?¬K M[KÊB p X G•K >B
 F?¬M; ?šM H" p X
 M? M;²B Î [m€M +¬ T? ¢®B /B M +¬M; iv- ¢ÊB +¬ ¢ M ;Bìi M H"KX *?"T i®B- M
 ` - +¬ K†+ €Q F?Q€+ K"m ¢2M KÂM; /M i`ìB ¢ M; `i H¢M?- i| + ¢2M i?ª iU /Q- /€M;
 i`QÈ+X æB # M +¢M? +¬ +ÁM +| K'v ¢²M; M;?B T +QìB M|B pmB p X G•K >B M ¢
 M? M? p T?Q K'v +¬ ;€B FB X
 E?¬M; B M?bM i?'v +?Q ¢ M F?B G•K >B M tm'i ?B M i`QÈ+ K†i ?¼X > B ¢²M; M
 i?'v G•K >B M- +?Q ? i M;¢+ M?B M ¢½ M;?2 M? M|B- ó M? ¢ÊB 2K b€M; ;BìXô
 JšM L?m M;QÈ+ K†i M?bM i?'v M?- b m ¢| H"TiS+ +9B ;¬K tm®M; Mûi`€M?- ? B
 óæB pÊB M? K°i H9+Xô G•K >B M M|B- pšM +?d M?bM +?,K +?,K p"Q +¬X
 ó1K +| ? M pÊB ¢²M; M;?B T `²B5ô *¬ H M iB M;- F?¬M; M?bM M?X
 óo"v ¢QÈ+ - F?B M"Q p ;¼B +?Q M?Xô G•K >B M i`€M? b M; K°i # M- M?QM; M;?o
 €Q p2bi +O KbM? H M M;QìB +¬X óh`ìB H¢M?- K†+ 'K K°i +?9i5ô

óE?¬M; +-M5ô *¬ iW +?®BX
 ó M? +kM; F?¬M; +-M5ô L|B tQM; M? [m v HQM; #Ä çB- ç HçB K'v +- ;€B M;Æ M
 G•K >B M çB `²B- ? B ç²M; M;?B T FB KÈB tb t-K iQ M?Ä i`-K i`² F?2M M;ÈB- +A
 p"v K" F?¬M; ` K„i K¼B M;QÌBX \*¬ +?d #B i +QÌB i`W- /mv +?d +| hmv i .mv M #B
 H" ?¼ ?m, #m' B ? M- p M?" bÈKX JšM L?m +-K çB M i?QçB tQ v tQ v- Km®M ;¼
 ;b ç| F?B M KbM? i?'i p¼M; M M F?¬M; /€K ;¼BX
 >ç hmv i .mv M M?bM #° /çM; i?'i i?¬M +O #çM- +- iB M iÈB ;ä p"Q ç-m JšM L?m>
 +| F?B M;QÌB i ;¼B ç ? M +- ` iQ" ç'v5ô
 JšM L?m BK H†M; - [mv i ç`M? F?¬M; ;¼B +?Q M?- iW M v M?'i ç`M? T?ªB i`€M?
 hmv i .mv M +ªK F?€B [mv i i•K +O +- - ;"i ;M F?2M M;ÈB +| +?Q F?QX
 o"v H" K'v M;"v b m ç|- +?Q /M M? ;¼B çB M ? v i bK ç M i" M MÆB H"K pB ++kM;
 *?Q ç M K°i M;"v FB - #" >" çÁB ç M M?" >ç hmv i .mv M i?,K- +- KÈB +?Q #" ç` +
 ç M HçB F?¬M; T?ªB H" #"X
 L;?2 iB M; +?m¬M; +Y - >ç hmv i .mv M ` KÎX L?QM; pW M?bM i?'v ? B M;QÌB ç
 +?|M; ç|M; +Y HçB- KB M; ?ûi HÈM- óJšM L?m- p"Q T?ÁM; M; v5ô
 JšM L?m ;B"i KbM?- +?çv ` t2K +| +?mv M ;b i?b i?'v h`QÆM; EB i ç M; +® ç~v +Y
 H" M?- +- H" T iS+ ;B[+Y ;B9T hmv i .mv MX
 Í # M M;Q" B- G•K >B M / v / v i`€M- /MM; bS+ ;B9T h`QÆM; EB i ç~v +Y X > B +-
 #^M; ? B M;QÌB ç`M ¬M; - i? H" +€M? +Y #` ç~v p"QX >ç hmv i .mv M M? M? +?|M
 F m +- p"Q T?ÁM; F?Q€ +Y HçBX
 h`QÆM; EB i p"Q i`QÈ+ - #` >ç hmv i .mv M ç~v ` - M? i M? M? M? M i9K H'v i v
 G•K >B M K°i KbM? p"Q i`QM; X a m F?B p"Q- M? +ÁM F?| i`€B +Y HçBX
 JšM L?m p"Q T?ÁM; M?QM; F?¬M; F?Q€ çQÊ+ +Y HçB- pb F?Q€ #` ?ÁM; K" +?Q
 ç M; i`®M- /MM; bS+ ç~v p"Q- +® F?¬M; H"K +- #` i?QÆM; X
 *¬ +?`m i?m i`QÈ+ bS+ +O M?- M?QM; i`QM; HÁM; `®B M?Q iÆ pÁ- #ÎB H) F?B
 ç½ +| [mv i ç`M? ;b ç|X
 óJšM L?m ô G•K >B M ;¼B +-X
 *¬ +?d #B i +9B K†i tm®M; M?bM b" M M?"- M? iB M K°i #QÈ+ - +- HMB ? B #QÈ+ -
 iQÌM; KÈB ?®i ?QªM; M;QÈ+ M?bM M? K°i +€BX
 óa Q HçB i`€M? M? \ô M? #QÈ+ ç M ;¬M ?ÆM- +9B ç-m tm®M; M?bM p"Q K„i +-X
 JšM L?m +„ M K¬B- [m v ç-m Mû €M? M?bM +O M?X óE?¬M; +|Xô
 ó*| +?mv M ;b +S M|B pÈB M?- b Q HçB i`®M i`€M? \ô M? ;B[+^K ç +- F?¬M; i?
 *¬ pMM; pšv ç~v M? ` - Km®M i?Q€i F?ÄB #-m F?¬M; F?Q M; °i M; ç i M"vX
 G•K >B M ;B[+- HçB- +ªK i?'v +- ç M; K'i #bM? ioM?- M? HB M ¬K +?¬K H'v +®-
 i?"i b•mX
 JšM L?m M?" M çQÊ+ MK ?¬M +O M? +`M; i`Î M M`®B HQçM- +- ` bS+ pMM; pš
 F?¬M; i? +?`m çUM; i? K K°i T?9i M"Q M[- M? M„K ? B # M KûT €Q bÆ KB +O +
 €Q H|i K"m M•m M?ç i¬K i`¼M #-m M; U+ ç-v ç†M +O +-X
 óa Q HçB i`€M? M? \ô G•K >B M ;^M iWM; iB M; K°i- M?Q i? M m +- F?¬M; i`ª H|
 óE?¬M; ô JšM L?m i?®i H M v m Èi- ? B i v ;B[KûT €Q ç M| F?ÄB #mM; ` X
 •M? K„i G•K >B M /WM; HçB i`QÈ+ M; U+ +- - /QÌM; M?Q F?¬M; i? FB K +? i? K çQ
 ;BQÌM; `²B M^K ç H M i` MX óa Q HçB i`€M? M? \ô G•K >B M H†T HçB +•m ?ÄBX

óæWM; M?Q p"v- #m¬M; 2K`Xô :B¼M; +¬F?~M i?B i p M M" B- FB M [mv i F?¬M;
 óE?¬M; i`ª HÌB +?S ;bX æQÊ+ i?¬B5ô Zm-M €Q +¬#`H°i b¢+? i`ÆM-`mM`~v/QÊ
 æ°M; i€+ +O M? +| T?¬M i?¬#¢Q- M? +S ç`M? ?"M? ?¢+¬i? K K°i H9+ M[M?
 ` iW F?Qû K„i +¬- M? H¢B K K HÁM;- iW iW /`m /`M; H¢BX M? ?¬M H M K„i +¬- ;
 +O +¬- +ªK M?"M +Æ i? +Q i?„i iWM; çÊi +O +¬ hWM; i?S M?Ä M?†i +O +¬ M?
 M;`v t +€+?¬ +m®B +MM; M? +kM; ibK H¢B çQÊ+X
 a€M; M v M? T?ªB M, M Md ? i KS+ K pÊ KÈB +?`m +?Q M? #B i MÆB +¬ ç M; Î- ç
 +¬p #^M; K¼B +€+?¬ M?QM; M; ?o iÈB +¬#¢M ç²M; M; ?B T FB - M? H¢B T?ªB FÜ
 ª- i`€M? ç +¬i t2M p"Q +?mv M pÊ +?²M; M?X
 G) ` +?mv M F?¬M; ç M KS+ M"v- M? +?d Km®M M!B +?mv M M; ?B Ki9+ pÈB +¬-
 pÈB M?X B M; î ç•m- F?B #„i ;†T #° /¢M; bÊ b i +O +¬- M? H¢B Km®M H"K ibM?
 a m +m°+ ibM?- JšM L?m M9T i`QM; +?, M- G•K >B M H"K +€+? M"Q +kM; F?¬M; F
 p"Q i`QM; +?, M +MM; +¬X
 ó:B Ì i?b M!B t2K- b Q H¢B i`®M M?\ 1K K" F?¬M; M!B i?b çWM; ?ÁM; #QÊ+ tm®M
 2Q +¬M?Q HÌB F?šM; ç`M?- i`WM; K„i M?bM +¬X
 ó1K bÊ ô *¬pMB K†i p"Q ;®BX
 óaÊ ;b\ô M? ?ÄBX
 óaÊ M? çÁB Hv ?¬M pÈB 2K ô
 G•K >B M ¬K +?†i H'v +¬- `i +?†i- ó*! p M?Q b m F?B H"K ibM?- 2K i?"M? i?"i ?
 *¬i? M i?MM; `9+ b•m p"Q HÁM; M?- óh¢B M? ? i- M? H"K ;b +kM; H" pb +QM- F
 M? M!B K°i +•m [m M i•K 2K i?b 2K ç•m +| M; ?o pÊ p~MXô
 G•K >B M BK H†M;- T?ªB `²B- +?d i¢B K'v HÌB M!B p¬ibM? +O M? K" çQ¢M ibM
 i`Î M M +, M; i?šM; X L m i?"i HÁM; ?ÆM i?b +¬b) F?¬M; i`®M i`€M? M?- ?¼ +kM;
 M? mX
 > i +?QÆM; eX :YB i? MFb iÈ çB +€+ +°mX *¬çÆM [m€5

dX *?QÆM; d, *€M? >Q JÄM;

Í# M M; Q" B- >¢ hmv i .mv M ç M; p¬ +MM; iS+ ;B" M- ` bS+ ;B^M; +Q pÈB h`QÆM
 E?B ç½ i?'K K i- +¬KÈB /`m tm®M;- +?d #B i i`WM; K„i M?bM M; QÌB ç`M ¬M; ç M;
 i?¬#¢QX
 ó"m¬M; ` 5ô *¬M!B pÈB ;B¼M; K i KÄBX
 h`QÆM; EB i pšM F?¬M; #m¬M; i vX M? FûQ +¬b M; K°i # M`²B çSM; +?„M i`QÈ
 G•K K'i M?B m i?ÌB ;B M +?Q +?mv M M"v H„K`²B ç'v5ô
 >¢ hmv i .mv M M?bM M; QÌB ç`M ¬M; FB - +?QM? H" +€B M?bM F?BM? #dX *¬F?
 +O M? G•K M?" +°m i?b [mw #€m- +ÁM +O JšM L?m M?" +?9M; i¬B H" ;B `€+? °
 h`QÆM; EB i M?QÈM; K"v F?| ?B mX ó\*¬ çB M ç'v ` J" +QB M?Q w i¬B H" p"v çB
 #B i K¶B ;B•v M? 'v FB K çQÊ+ # Q M?B m F?¬M; \ æ9M; H" T?Q T?¢KXô
 ós2K çB t2K çBX L?bM M? +?šM; F?€+ M"Q +¬#² M?Q M;`M M, K F?¬M; ç M çQÊ+
 #ªQ p ibM? v m +O KbM? p"v5ô hmv i .mv M F?Q M? i v i`QÈ+ M; U+- pW M!B pV

óL;QìB M;Q" B +m°+ M?Q +¬ i?b #B i ;b\ *?d ;BÄB H"K +M;5ô
 ó*?S M? H" M;QìB i`QM; +m°+ "\ô *¬ M?bM M? i - €M? K„i ç-v M;?B M;ìX ó*?ŠM
 óL;B M,M; t" M; #°vXô h`QÆM; EB i F?¬M; i? K +½B pÈB +¬- F?Q M? i v çSM; iU
 >¢ hmv i .mv M M?Q M;?o ç M +?mv M ;b ç|- i†+ HQÐB `²B [m v b M; ?ÄB h`QÆM
 i®M M?B m i?ìB ;B M +?Q +?mv M M"v\ h¬B F?¬M; ?B m5ô
 óL;B +¬ #B i ç H"K ;b\ô
 ó*?Q M? ? v- JšM L?m +| çB ? v F?¬M; H" /Q i¬B [mv i ç`M? ç'v- #B i çB m i?b i?"
 M;?2 i?m" M i B b) +?Q K'v M;QìB `QÊ+ +¬ 'v p 5ô
 h`QÆM; EB i #°i +QìB i?"M? iB M; - ¬K #KM; +QìB p"i p½X ó*¬ K„+ # M? ?Q M; iQ
 ó M? ô hmv i .mv M +?d i v i?ŠM; p"Q K†i M?- K¬B KQK +?†i F?¬M; i?®i M M HìE
 > B M;QìB F?¬M; M;B i? K ;b- +?d çSM; /U p"Q iQìM; K†+ +?Q M;QìB [m F H¢B
 J°i H9+ H•m b m- G•K >B M # JšM L?m ` M;Q"BX \*€M? +Y pW #°i Kî h`QÆM; EE
 ç MX
 ó*?9 H'v t2 çB5ô G•K >B M H¢M? M?¢i M;B M?QM; h`QÆM; EB i M;?2 ` w p mB p
 M? M? +?•M çB +?m~M #` t2X
 >¢ hmv i .mv M M?bM >" JšM L?m M;O b v i`QM; HÁM; G•K >B M- +ªK ;B€+ #U+ i
 K" +ÁM ç M i bK i¬B K°i H-M M[i?b M? çWM; ?ÁM; K M; p M?Q M;"v ?¬K M vX L
 óh?ì;B M [m T?B M +¬ `²B5ô M? H`+? bU +9B ç-m- M;B +?mv M p" B # +•m `²B -
 .QÈB +€B H¢M? +O KM ç¬M; - HÁM; M? #¶M; 'K €T H¢i?QìM;X h`ìB ç K F?¬M; +
 p"i +kM; ç T ç M M Q HÁM;X *! H) p b +| +¬- M M K¼B i?S KÈB Fb /B m M?Q p"vX
 JšM L?m F?¬M; #B i KbM? p M?" #^M; +€+? M"Q- +¬ +?d M?È #ªM i?•M #` M? H"
 H-M F?€+- +¢M FB i bS+ HU+ K" M;O i?B T çBX æ M F?B i dM? H¢B i?'v KbM? ç
 [m M? #®M # v M i oM? i®B K`+?X
 *¬ çQ K„i M?bM ` +Y b´- i'K` K +Y i mM; # v- +ÆM ;B; H¢M? H)Q i`"M p"Q T?ÁM
 p" B +€B- +ªK i?'v ç;B FBM? F?OM;X
 "QÊ+ p"Q # T- +¬ i?'v i` M #°M +| K~m ;B'v M?„MX h` M KªM? ;B'v +| ;?B K'v +?[ó
 2K ?•K H¢B `²B ,MôX J†+ /M i` M KS+ ç° M"Q ç; K" tûi i?b ?¼ t2K M?Q ç½ H"K H" M
 +?Q ?Q" M iQ" M i? i?S +?Q M?X "îB +QM M;QìB +¬ `°i v m çm®B- H¢B ? v ç b-
 H-M i?b +?„+ +?„M b) T?ÁM; i?O /"v ?ÆM i? v p b +® ;„M; ?"M p i i?QÆM; ç; H¢BX
 *¬ pSi K~m ;B'v p"Q i?MM; `€+- Kî HÁ pB b;M; H'v i?S+ ,M ç2K H¢B #°M M;²B ,M K
 a m F?B ,M tQM; - +¬ M?bM ç²M; ?² i?'v ç½ ; -M +?QM ;Bì K" G•K >B M pšM +?Q p
 bÊ T?B M M M i?¬BX
 *-K çB M i?Q¢B i` M i v- +¬ tQ v tQ v K'v pÁM; - M°B i•K K•m i?mšM ;B[pB + +| M
 +MM; pšM #°K ;¼BX
 ó" Q ;Bì M? KÈB p \ô *¬ ?ÄB M; v F?B ç-m # M FB M?"M +m°+ ;¼BX
 ó*?` G•KX :B€K ç®+ m®M; b v [m€- +?` çQ ç` +?d 2K çÐ M? 'v p çQÊ+ F?¬M; \
 +kM; F?¬M; i? [m M çQÊ+ ;B¼M; M;B M"vX
 óE?¬M; T?B M +¬X h¬B ç M ç; çQ M? 'v p 5 :YB ç` +?d çBX h¬B ç M HB M5ô *¬
 h?2Q ç` +?d i?Q Fw ;YB [m - JšM L?m pW ç M MÆB HB M i?'v +¬ i?Q Fw ç M; çt
 M? +| p b v i?"i- +ªM;QìB +S /U p"Q +¬ i X
 JšM L?m #QÊ+ iÈB- +? m K"v M?bM G•K >B M- ;¼B M? K'v H-M F?¬M; çQÊ+ `²B

ó*?`+~M i?"M- ? v ç 2K ;B9T +?`çÐ M? 'v H M t2Xô *-i ;BQÆM; ç-B K„i M;•v i?
 óE?¬M; +—M5ô JšM L?m ;ç+ T?,M; i v +¬i ` F?ÄB M;QìB G•K >B MX J†+ /M K°i K
 çÐ M? ` t2- M?QM; +¬i?" M?Q p"v +ÁM ?ÆM T?ªB ç®B K†i pÈB M;QìB ç" M #` FB
 G•K >B M ?û K„i- M?"M ` M;QìB # M +çM? H` JšM L?m M M M M? +~M; /U b€i p"Q
 M?"- M? KÈB idM? i€Q HçB K°i +?9i- M?ì p"v K" +¬ çÐ K i T?—M M"QX
 *- çÐ M? M^K tm®M;- i? v +?Q M? #° [m—M €Q i?QªB K€B K" ç´ ? i +ª K² ?¬B ?°
 +çM? M;„K M?- H„M; M;?2 iB M; i?Î ç m ç m +O M? K" HÁM; M†M; i`omX hçB b
 +çM?- M? F?¬M; #B i +?QM? +¬ª H` M;QìB ?çB +? i çS +QM #û M?Ä +O KbM?
 [m M i•K\

a€M; ?¬K b m- G•K >B M i?S+ /"v pÈB +€B ç—m +?Q€M; p€M;X M? çQ K„i M?bM
 F?¬M; i?'v +¬- +?d i?'v KªM? ;B'v M?È K"m p" M; /€M Î ;®B # M +çM?X óæ² ,M i`QM
 ,M m®M; `²B ?ŠM çB H`KXô

L?bM Mûi +?[p" +€+? ?"M? p,M- M? #B i +¬ ç M; ;B" M M?QM; HçB +?ŠM; i? M?È
 F - i? v [m—M €Q tQM; tm¬B b m ç† ,M +?9i ç² ,M `²B çB H`K- ç`M? i®B p b) ibK ?
 Í +¬M; iv- JšM L?m i" T i`mM; /`+? #ªM ?ÊT ç²M; pÈB ç®B i€+- +® F?¬M; M;?o ç M
 M?X h? M?QM; +?ŠM; çQÊ+ # Q H•m- >ç hmv i .mv M HçB çª ç°M; ç MX

óoÊ +?²M; /çQ M"v i? M"Q `²B\ \*† #` #„i Mç i F?¬M; \ô

- M?,M K†i- M;†M i v /WM; i` M #`M T?QKX ó?ª b Q +ªX Jm®M HçM? +† HçM?- K
 ?[M;- +?Q BM #ªM ?ÊT ç²M; ç½ /`+? tQM;X

óL;QìB i M†B pÊ +?²M; ç—m ;BQìM; +½B +m®B ;BQìM; HçB H`K ?Á X :ÈKX JÈB +
 "° F?¬M; Km®M +† +QM pÈB M;QìB i M[` \ô

ó""M H„K5 E?¬M; +† i?ìB ;B M H`K K'v +?mv M ç†5ô JšM L?m ;BÆ #ªM ?ÊT ç²M; H
 ibM? FB K +Ê #Ä çBX ob M m >ç hmv i .mv M +ÁM ?ÄB i? K /,K # +•m M[- +?„+
 ?¬M pÈB G•K >B M b) i`¶B /"vX

>¬K M v i M H`K bÈK- i`QîM; T?ÁM; KìB K¼B M;QìB çB ,MX JšM L?m F?¬M; Km®M
 M;QìB ç M +?¶ iB +iMM;X L?QM; F?¬M; M;ì HçB #„i ;†T G•K >B M Î ç†X

*- ,M çQÊ+ K'v KB M;- i?'v +?ŠM; +† ;b ? v ?Q M M KQÊM +È çB p bBM? ç i`®M
 p bBM? çB ` - +¬ ç½ +?çK K†i +¬i?Q FQ +O G•K >B MX

ó*?` G•K5 h`MM; ?ÊT i?"i5ô *-i KdK +QìB i?•M i?B M pÈB +¬X

JšM L?m F?¬M; ç€T HçB- +¬ HQÈi [m M;QìB +¬i ` F?ÄB M?" p bBM?X L?QM;
 i v +¬ HçBX ó*?` pšM +ÁM ;B" M 2K ``\ *?mv M ?¬K ç† 2K i?U+ bU F?¬M; +® w K`5
 F?¬M; \ô

JšM L?m ç~v +¬i - HU+ F?¬M; KçM? M?QM; pb +¬i K M; ;B"v + Q ;†i M M HQçM
 óæWM; +† p† p`i pÈB i¬BX *- HÈM ?ÆM i¬B K"- pB + ;b T?ªB ?ç i?'T #ªM i?•M ;¼B
 Km¬M çìB i¬B +kM; F?¬M; i? i?S +?Q +¬X L M çWM; +† H`K T?B M i¬B M[X L?b
 M€i #ªM K†i ç† ` i?¬BXô *- [m v HQM; #QÊ+ çBX

- i?Q FQ F?¬M; #Ä +m°+- #Á ç M ¬K H'v +?•M JšM L?mX ó?`- 2K i?"i bU b B `²
 F?B M +?` i? i?S +?Q 2K i?b ç 2K +? iX 1K +? i H` çQÊ+ T?ªB F?¬M; \ô

*- i ¬K +?†i +SM; H'v +?•M +¬- +¬ pMM; p^M; K½B K" F?¬M; i?Q€i ` çQÊ+ M M /M
 M?Q ? B M;QìB ç M; H`K HQçM M; v i`QÊ+ +Y M?" p bBM? M K- +¬ /MM; M?B
 F?ÄB M;QìB KbM? M?QM; #` i`QÊi +?•M M;½ M;Y ` b m ç" T p"Q M;QìB M"Q ç†X

L;QìB ç" M ¬M; FB çQ i v çÐ H'v +¬- ?"M; H¬M; K"v +? m HçB M?bM +¬i?Q FQ
 ç-K çb X

G•K >B M i?Î /"BX M? ? i M?bM i?Q FQ HçB M?bM b M; JšM L?mX *- +kM; M;QÈ

ó"¢+? L? MX *¬ p ¸B- ¸WM; M|B i? K ;b M[5ô G•K >B M M|B pÈB i?Q FQ- b m ¸|
 K€vX
 JŠM L?m [m i p" B ;B¼i MQÈ+ K„i i` M K†i- F?¬M; M|B ;b pÈB M?X M? #'K i? M
 K®i- +Y pW KÎ M? HB M FûQ +¬ p"Q K°i +,M T?ÁM;X
 ó M? Km®M H"K ;b ¸•v\ô *¬ M?,M K†i ?ÄB M?X
 óL|B +?mv M pÈB 2KXô G•K >B M ¸SM; F?Q M? i v- M?bM +?^K +?^K +¬X
 óJm®M M|B +?mv M ;b\ô h`QM; T?ÁM; F?¬M; #"i ¸B M M M +¬ ¸"M? M;²B # itm®M
 óJm®M #B i 2K ¸ M; M;?o +€B ;b i`QM; ¸-m\ô M? +ÎB ;B"v ` - #Ä p"Q K°i ;|+X
 JŠM L?m BK H†M;X *¬ +® FbK +? MQÈ+ K„i- F?¬M; ¸ M|`ÆB ` X
 G•K >B M F?¬M; M;?2 +¬ i`ª HÌB- KÈB #QÈ+ H¢B +?¶ +¬- M•M; +^K +¬ H M- MQA
 ¸Q€M #B m +ªK i` M ;QÆM; K†i +¬X ó1K ¸ M; M;?o ;b\ô M? ?ÄB H¢BX
 *¬ [m v K†i i`€M? Mû- pšM ;B[bU BK H†M;X
 ó M? ?ÄB 2K ¸ M; M;?o ;b\ô G•K >B M ;^M iWM; +?[- K†i b€i H¢B ;¬M +¬ ?ÆMX
 óE?¬M; ;b +ª5ô *¬ ¸€TX
 óæ M MQÈ+ M"v K" +ÁM F?¬M; +?`m M|B "\ 1K F?¬M; iBM M? b Q\ >ª\ô :B¼M; M
 M;?2 ` bU iS+ ;B" M i`QM; ¸|X
 *¬ FB M [mv i F?¬M; ?û K¬B M|B H'v K°i +?[X
 M? iS+ ;B" M # #`M; +¬ H M- tmv M [m K" M ¸ K ¸ M # M +€B ;BQÌM; K K K¢B- i?ª
 ¸ H M i` MX J†+ +?Q +¬ pMM; pšv- M? pšM +® +ÎB T?,M; ¸®M; [m-M €Q i` M M;C
 F?Q+? +Æ i? +¬ #^M; KB M; HQÐB +O KbM?- H9+ +¬ ;¬M H M ¸dM? i?b /WM; H¢
 M? +S H†T H¢B K'v H¬M M?Q p"v- ó*| +?`m M|B +?mv M pÈB M? F?¬M;\ô- M? M
 G9+ M"v +¬ KÈB ;"i ¸-m- +ª +Æ i? ¸ M; F m ;"Q F? Q F?€i ¸QÊ+ M? H'T ¸-v- M r
 ;B"v pÁ +? i K'iX
 "v ;BÌ M? F?¬M; ;B"v pÁ +¬ M[- pb pÈB M? +kM; +?ŠM; bmM; bQÈM; ;bX M?
 M?`T ¸B m i? v ¸'B HB M iK+ F?B M +¬ ;"Q H M- K°i H9+ b m +ª ? B ¸ m i?Ä K½M
 ó:BÌ i?b M|B t2K- 2K ¸½ M;?o ;b\ô G•K >B M ¬K +¬ p"Q HÁM;X
 ó1K ¸½ ;B" M M?- i`€+? M? i¢B b Q +ÁM ;B[+¬ i H¢B # M KbM? F?B #B i +¬ i ¸½
 ¸ÌB +O +?9M; i \ô *¬ i?"M? i?"iX
 G•K >B M pm®i p2 ;QÆM; K†i +¬X M? M|B, ó:B +ªM? "¢+? L? M F?| F?,M- H¢B
 H¢B +?mv M ¸| +kM; F?¬M; ?Q" M iQ" M H¶B +O +¬ 'v- /Q M? F?¬M; /†M /Á +~M i
 M? ¸ M; b„T t T K°i +¬M; pB +i®i +?Q +¬ 'v- p" B ?¬K M[b) +?mv M ¸BXô
 ó M? +| M;?o 2K i` +QM [m€ F?¬M;\ B +kM; F m 2K #Ä [m +?Q +¬ 'v- M?QM; 2K
 ¸•m T?ªB 2K- ?¼ ¸•m +| #` K'i +QM ô
 ó1K ;B" M +kM; H" ¸B m ¸QÆM; M?B M- iQM? 2K ;B" M / B M M M? [m2M `²B- M? +
 H M i|+ +¬X
 ó1K ;B" M / B H9+ M"Q\ æWM; +| pm F?®M;5ô *¬ M?ûQ p"Q ?¬M; M?X
 ó M? +| +€+? ¸®B T?| `²B- F?¬M; HQ 2K ;B" M M[X "ÈB pb +S K¶B H¬M H"K iB M? t
 M? i?Q+? ¸B m ¸|Xô hB M; +QÌB T?€i` K°i +€+? `ä`"M; iW HÁM; M;U+ M?X
 óæ€M; ;?ûi5ô *¬ K„M;- [m v K†i b M; +?¶ F?€+X
 óL"v- M| H¢B H M `²B- 2K ;B" M M? iB T ¸B5ô G•K >B M H v H v M;QÌB +¬- ;€+ +?•
 `^M; KbM? F?¬M; ? M|B /®BX

ó"m¬M; 2K`X æ M; M|B +?mv M K"5ô \*¬ ç~v i v M?`F?ÄB M; Q|B KbM?X óJ" +,
H" F?€+? [m2M Î ç•v ``\ô

óG9+ M½v i?'v 2K pÈB "¢+? L? M +½B M? m- M ç½; ¼B h`QÆM; EB i çti +?Q K°i
H•m- M; ?o; b ç|`²B H¢B M|B iB T- ó pÈB +ª M? M; ?o- i? v ç´B ç` çB K b) ibK çQ
;BÁM ;B½X

ó1K F?¬M; #B i M? H¢B #B M i?€B p"v ç'v5ô *¬ +„M p"Q +€M? i v M?-`²B H¢B `S
*m°+ b®M; Hm¬M /šM i p"Q M?[M; M; ä +Ki- +| H9+ b) KÎ` H®B çB F?€+- +| H9
ç`M?X J¶B M; ½`) ç| ç m /Q +€+? i M?bM M?"M K"i`Îi?"M? K°i H®B çB ? v K°i H

3X *?QÆM; 3, Zmv M k @ *?QÆM; R

S?¬M k, G; * L> l æ L " P :AË\

X X X

M? F?¬M; Km®M ç HÐ im´B i? M? tm•M +O 2KX L m 2K ibK çQÊ+ M; Q|B v m 2K
T?9+ +?Q ? B M; Q|BX L?QM; çWM; pb M? K" #Ä [m #'i Fb M; Q|B ç" M ¬M; M"Q K
o`b m F?B i`ªB [m M?B m +m°+ ibM? +?|M; p€M?- 2K +ªK i?'v M? H" MÆB /U /š
M?"M pBM? ?¢M? ç|X

M? v m 2K- +?d H" F?¬M; Km®M 2K i`ªB [m [m½M; i?|B ;B M iQÆB ç T M?'i # M +
M?5

G|B F i i?9+ +O H€i?Q M?QM; M? F?¬M; çO /kM; F?Q ç pB i +?9M; X X X

J'v M; "v i`QÊ+ F?B JšM L?m bBM? +QM- >¢ hmv i .mv M Hm¬M i9+ i`U+ # M +¢M?
+?, K b|+ +?Q +¬ #¢M K" +¬ +ªK i?'v ;?2M i`X

óæti i M ; b +?Q +QM +?Q \ô *¬ ?ÄB G•K >B MX

óh M ; b +kM; çQÊ+- KB M H" çWM; H•v iQM? ;B"M / B +O K M| H" i®i`²B5ô G•K
pÄ + K +?Q pÈX

óJbM? +kM; ?B p¼M; +QM KbM? b m M"v F?¬M; ?¼+ iQM? p¬i•K +O # M|Xô > B
hmv i .mv M i?Î /"B- ó> v H" H'v i M JšMX >¼ G•KX :¼B H" G•K hQ JšMX Zm€ imv

óGÐ K v K" +QM ; €B i?b b Q\ô JšM L?m ?ÄBX

ó*QM ; b +kM; H'v i M ç|X J çÐ ç-m ç½ [mv i ç`M?`²B- F?¬M; i? v ç´B çQÊ+ ç•m
*¬ ç€ b M; G•K >B MX

óhMv K'v M; Q|B5ô M? pW M|B pW M?ûi p"Q KB M; JšM L?m K°i KB M; + K HÈM

óE?¬M; +| +?QM? FB MXô JšM L?m H-K #-KX

>¢ hmv i .mv M HÈM ?ÆM JšM L?m K°i im´B- M?QM; i` M ; B'v i| i?b ? B M; Q|B ?¼
Q M; Q|B F?€+- +| # K p" K°i M; Q|B 2K i` B i?m +¬ #®M im´BX æ| H" K°i ; B
K°i M; "v M, K +¬ KQ|B im´B- i`|B KQ `ª`Q+?- #®K +¬ ç°i M; °i i?¬M; #€Q HB ?¬M
+ v ;?ûi ç„M; M?[M; M; "v KQ - çt+ #B i ;?ûi M?[M; +ÆM KQ #'i +?ÊiX

a m +?mv M ç| - 2K i` B +¬ Î pÈB # - +ÁM +¬ Î pÈB K X J°i i?|B ;B M b m- K +¬ ç
/QÊM; `i i®i M?QM; +¬ F?¬M; i? i?QªB K€B b®M; Î ç| M M [mv i ç`M? /¼M p Î p
i` - b m M"v bBM? i? K çS M[- +¬ H¢B F?¬M; i? Kti /"v b®M; /U p"Q M; Q|B i ç

1K i` B + - - > ¢ æ ¬ M; ok - ` ' i M; ? 2 H ì B + ? ` X ob + ? d + | Kb M ? > ¢ h m v i . m v M [m M i
 M; Q " B - æ ¬ M; ok H " ç S M; ¶ M; ? ` + ? - + | i ? M | B H " i ? " M ? T ? - M # ' i ? ^a Q - + ? d + | + € B
 H È M i m ' B X
 Z m v H ¢ B F ? Q ^a M; i ? ì B ; B M F ? B > ¢ h m v i . m v M / ¼ M p Î + M M; # X G 9 + ç | + ¬ ç ½ ;
 ? Æ M + ¬ i € K i m ' B - # ' v ; B ì + ? d H " + ? " M; i ? B m M B M ; - v ; Á ® K v m i ` Q M; K ° i ; B ç b
 æ | H " K ° i + ? B m i ? € M; b € m - + ¬ + M M; 2 K i ` B ç B K m ` Q Ê m + ? Q # - > ¢ æ ¬ M; ok + -
 F ? ¬ M; i ` m M; ` ² B + ? ¢ v M ? ^a v H m M; i m M; - + ? Š M; K v p ' T + ? • M M; ½ t m ® M; + ® M; F ?
 p „ M; p F ? ¬ M; # B i F m + S m B X h ? ' v 2 K i ` B M ? Q p " v - > ¢ h m v i . m v M i ? ' T i ? Ä K
 + € + ? p Š M F ? ¬ M; F ù Q H M M ' B - p b æ ¬ M; ok M † M; ? Æ M + ¬ M ? [M; K Q ì B F Q X h ? ^ M
 K ½ B - ç 9 M; H 9 + h ` - M h ` b M ? ç B ? ¼ + p - + ¬ K È B p ° B p " M; + ? ¢ v ç M - # € K H ' v + € M ? i
 h ` - M h ` b M ? M ? b M ; Q Æ M; K † i b Ê ? ½ B + O + - - ` ² B H ¢ B M ? b M / € M; p M; • v i ? Æ + O
 + Q ì B X a m ç | + ^a ? B / M M; b S + F ù Q æ ¬ M; ok H M X
 ó L ? " ? B ç S Î ç • m \ æ M ? ç Q p 5 ô h ` - M h ` b M ? H ' v F ? , M i v ` H m p i # ~ M i ` M M
 > B + ? ` 2 K ; " i ç - m ç <sup>2</sup> M; w - ç B i ` Q È + p " B # Q È + / š M ç Q ì M; X G 9 + ç | - > ¢ h m v i . m v M
 h ` b M ? X \* ¬ + ? Q ` ^ M; M ? i ? " i i m v i p ì B - F ? ¬ M; M ? [M; ç T i ` B K " + Á M i @ i # K M; - H
 æ M M ? " + - - h ` - M h ` b M ? ç ° i M ? B M M | B X ó h ` M M; ? Ê T i ? " i - ç B ? i + Q M ç Q ì M; M " v
 ; B ì M ? + ? Q ; † T [m ? B 2 K M ? d \ J È B + ? m v M ç M " \ ô
 h m v i . m v M M ? b M M ? - M; ¢ B M; M M; i ` ^a H ì B X ó . ¢ - 2 K p W + ? m v M ç M Î p È B # p "
 ó h ? " 5 ô M ? + Q ì B - M K + Q ì B ' K € T b Q Î B ' K H Á M; + - X ó o " v ? ¬ K M " Q ; † T H ¢ B M ? ù
 h ` - M h ` b M ? i ? Á i v p " Q + † T t € + ? H ¬ B ` K ' v p B M F Q i ? ^a p " Q H Á M; # " M i v M ? Ä M
 b m ç | [m v M; Q ì B

NX *?QÆM; 3, *| L?[M; JB M æ m

J'v M; "v i`QÊ+ F?B JšM L?m bBM? +QM- >¢ hmv i .mv M Hm¬M i9+ i`U+ # M +¢M
KU+ +?, K b|+ +?Q +¬ #¢M K" +¬ +ªK i?'v ;?2M i`X

óæ†i i M ;b +?Q +QM +?Q \ô *- ?ÄB G•K >B MX

óh M ;b +kM; ¸QÊ+- KB M H" ¸WM; H•v iQM? ;B" M / B +O K M| H" i@i`²B5ô G•K
pÄ + K +?Q pÊX

óJbM? +kM; ?B p¼M; +QM KbM? b m M"v F?¬M; ?¼+ iQM? p¬ i•K +O # M|Xô >B

hmv i .mv M i?Î /"B- ó> v H" H'v i M JšMX >¼ G•KX :¼B H" G•K hQ JšMX Zm€ imv

óGÐ K v K" +QM ;€B i?b b Q\ô JšM L?m ?ÄBX

ó*QM ;b +kM; H'v i M ¸|X J ¸Ð ¸-m ¸½ [mv i ¸`M?`²B- F?¬M; i? v ¸´B ¸QÊ+ ¸•m
*- ¸€ b M; G•K >B MX

óhMv K'v M; QÌB5ô M? pW M|B pW M?ûi p"Q KB M; JšM L?m K°i KB M; + K HÈM

óE?¬M; +| +?QM? FB MXô JšM L?m H-K #-KX

>¢ hmv i .mv M HÈM ?ÆM JšM L?m K°i im´B- M?QM; i` M ;B'v i`i?b ? B M; QÌB ?¼
Q M; QÌB F?€+- +| # K p" K°i M; QÌB 2K i` B i?m +¬ #®M im´BX æ| H" K°i ;B
K°i M; "v M, K +¬ KQÌB im´B- i`ÌB KQ `ª`Q+?- #®K +¬ ¸°i M; °i i?¬M; #€Q HB ?¬M
+ v ;?ûi ¸„M; M?[M; M; "v KQ - ¸†+ #B i ;?ûi M?[M; +ÆM KQ #'i +?ÊiX

a m +?mv M ¸|- 2K i` B +¬ Î pÈB # - +ÁM +¬ Î pÈB K X J°i i?ÌB ;B M b m- K +¬ ¸
/QÊM; `i i@i M?QM; +¬ F?¬M; i? i?QªB K€B b®M; Î ¸| M M [mv i ¸`M? /¼M p Î p
i` - b m M"v bBM? i? K ¸S M[- +¬ H¢B F?¬M; i? K†i /"v b®M; /U p"Q M; QÌB i ¸

1K i` B +¬- >¢ æ¬M; ok- `i M; ?2 HÌB +?`X ob +?d +| KbM? >¢ hmv i .mv M [m M i
M; Q" B- æ¬M; ok H" ¸S M; ¶ M; ?`+?- +| i? M|B H" i?"M? T?¬M #'i ?ªQ- +?d +| +€B
HÈM im´BX

Zm v H¢B F?QªM; i?ÌB ;B M F?B >¢ hmv i .mv M /¼M p Î +MM; # X G9+ ¸| +¬ ¸½ ;
?ÆM +¬ i€K im´B- #'v ;BÌ +?d H" +?"M; i?B m MB M ;-v ;Á®K v m i`QM; K°i ;B ¸b

æ| H" K°i +?B m i?€M; b€m- +¬ +MM; 2K i` B ¸B Km `QÊm +?Q # - >¢ æ¬M; ok +¬
F?¬M; i`mM; `²B +?¢v Mªv HmM; imM; - +?ŠM; K v p'T +?•M M; ½ tm®M; +®M; F?

p„M; p F?¬M; #B i F m +Sm BX h? 'v 2K i` B M?Q p"v- >¢ hmv i .mv M i?'T i?ÄK
+€+? pšM F?¬M; FûQ H M M´B- pb æ¬M; ok M†M; ?ÆM +¬ M?[M; KQÌB FQX h?^M
K½B- ç9M; H9+ h`-M h`bM? çB ?¼+ p - +¬ KÈB p°B p" M; +?¢v ç M- #€K H'v +€M
+SmX

h`-M h`bM? M?bM ;QÆM; K†i bÊ ?½B +O +¬- `²B H¢B M?bM /€M; p M;•v i?Æ +O
+QÌBX a m ç! +ª ? B /MM; bS+ FûQ æ¬M; ok H MX

óL?¨ ? B çS î ç•m\ æ M? çQ p 5ô h`-M h`bM? H'v F?,M i v ` H m p i #~M i` M M

> B +?` 2K ;"i ç-m ç²M; w- çB i`QÈ+ p" B #QÈ+ /šM çQÌM;X G9+ ç!- >¢ hmv i .mv
h`-M h`bM?X *¬ +?Q `^M; M? i?"i imv i pÌB- F?¬M; M?[M; ç T i` B K" +ÁM i®i #K
'K €TX

æ M M?" +¬- h`-M h`bM? ç°i M?B M M!BX óh`MM; ?ÊT i?"i- çB ? i +QM çQÌM; M
i`QÈ+ ;BÌ M? +?Q ;†T [m ? B 2K M?d\ JÈB +?mv M ç M " \ô

hmv i .mv M M?bM M?- M;¢B M;MM; i`ª HÌBX ó.¢- 2K pW +?mv M ç M î pÈB # p"

óh? "5ô M? +QÌB- MK +QÌB 'K €T bQÎB 'K HÁM; +¬X óo"v ?¬K M"Q ;†T H¢B M?
h`-M h`bM? i?Á i v p"Q +†T t€+? H¬B ` K'v pB M F Q i?ª p"Q HÁM; #¨M i v M?ÄM
b m ç! [m v M;QÌB #Ä çB- ç H¢B bU i?~M i?Ì +?Q +¬ ;€BX

E?B ç! +¬ +ÁM M?Ä- F?¬M; M?"M ` ç! +?QM? H" ibM? v mX J¶B M;"v i`¬B [m ç m
M?X G•m /-M i?"M? i?¡B [m2MX >¬K M"Q çB ?¼+ p +¬ +kM; M;²B i`QÈ+ +´M;- M
H¢B +?¢v ` M;¡M;X

S?-M h`-M h`bM?X ob ;B çbM? +¡ # M? 2K i` B- K" M? H¢B +ÁM H" +QM 9i- M M
.mv M i?b `i p mBX M? [m2M pÈB pB + K¶B M;"v M?bM i?'v +¬ çSM; i`QÈ+ +´M;
M"Q +kM; +¡ M?[M; pB M F Q çO K"m b„+ i`QM; +†T- p" [m2M pÈB bU M;•v M;¬ +O

ó>¬K [m # M? çQÈ+ M;QÌB i i†M; +?Q K°i;BÄ ?Q [mª- M? ç /¨M? K°i Qi +?Q 2
K°i i9B ?Q [mª iW i`QM; +†T ` - imv +?d +¡ ? B i`€B i€Q pÈB # i`€B FBrB M?QM;

ó M? F?¬M; +¬M T?ªB M;"v M"Q +kM; +?Q 2K ç² ,M M?Q p"v ç•m5ô *¬ M;QÈM; M;M

ó1K +kM; F?¬M; +¬M M;"v M"Q +kM; ` ç•v çSM; +?Ì M? M?Q p"v ç•m5ô M? +QÌB

ó1K F?¬M; +¡ ô *¬ +9B K†i- ;B¼M; HQ M?QX

h`-M h`bM? +QÌB `¢M; `Ð- M? i?Q +? M?[M; H9+ +¬ i? M"v- pW #m²M +QÌB pW

i` - 2K çWM; +?ìXô L|B tQM; M? ççT t2 +?çv çBX

>ç hmv i .mv M K M; i9B i`€B +•v p"Q M?"- KB M; pšM +?Q F?ûT HçB- 2K i` B i?
h`bM? HçB +?Q M[ ?ª\ \*?` +?Q 2K ,M pÈB5ô

óæÊB # p `²B ,M +MM;- M? h`bM? M|B i`€B +•v M"v M;QM H„K- M M T?ªB çÊB #
`Y bç+? i`€B +•vX

>ÆM K°i M,K ;„M #| M?QM; h`-M h`bM? +?Q K°i H-M /šM +?` 2K >ç hmv i .mv M
+?d /šM ?¼ ç M F?QªM; ç'i i`®M; # M +çM? M?"- MÆB +| +€B +-m i`QÊi- tQ+? çm
+?Q +QM +?€m M?" ?¼ h`-M +?ÆBX

²B K°i +?B m +m®B im-M M¼- h`-M h`bM? H[M; i?[M; +?çv t2 ççT [m M?" >ç h
i`Á +?mv M ç¬B # +•m pÈB ¬M; >ç `²B tBM T?ûT ¬M; +?Q >ç hmv i .mv M çB pÈB
w- +- +QìB iQ2 H2Q H M v M b m t2 ççT +O M?X

h`-M h`bM? ççT t2 çQ +- ç M +€M? ç²M; H9 +€+? M?" F?€ t X JMB H9 KÈB iÄ ?
pMM; i?¬M [m X

h`-M h`bM? ç°i M?B M ?ÄB +- - ó1K +| i?'v M? p¬ /KM; F?¬M; \ô

L?|+ +QM M?Q +- ç•m ?B m çQÊ+ +•m ?ÄB +O M?- +?d #B i M? `i i®i- `i ç T i`
t'm ç\ô *¬ ?ÄB HçBX

M? #"i +QìB i?QªB K€BX óG" t'mXô

L;?2 i? - +- HB M i`ª HìB M; vX óL m i? i?b M? F?¬M; p¬ /KM; çX æ®B pÈB 2K
B i®i pÈB 2K M?Q M? +ªXô

h`-M h`bM? +QìB HÈM ?ÆM- çQ i v tQ ç-m +-X óJ v K" +ÁM +| 2K ô •M? K„i M
+?S M?B m çB m K" Îim´B +O +- pšM +?Q ?B m çQÊ+X

> B M;QìB ?¼ M;²B ç| i? K K°i H9+ `²B KÈB p M?"X ob M;"v K B +- T?ªB p i?,K K
pÈB M? H•m çQÊ+X L?QM; +- F?¬M; #B i- ?¬K ç| - #îB pb +| +- # M +çM?- #îB p
+- ç½ H"K i? v ç´B +m°+ çìB M?- i? v ç´B +ª +QM M;QìB M?X

h` +QM +| K°i ç†+ çB K `i ? vX *?Q /M +| M?È +€+? K'v +kM; +| +€+? [m M çB çC
hmv i .mv M F?¬M; +ÁM KQM; M?È K M?Q i`QÊ+ M[ - pQ M?Q +?mv M h`-M h`bM
#B i p"vX

S?ªB `²B- +- i?U+ bU [m M ;QÆM; K†i +O M? ` b Q `²B- çB m /mv M?'i +ÁM b|i

HÁM; +¬X *?Q /M +| Km®M M?È çB +?,M; M[i?b [m KQÌB M,K- FQ S+ +kM; +?ŠM
F?B K" M;"v M"Q +kM; T?ªB M¢T i? K # Q M?B m çB m HQ iQ M p"Q ç-mX

L,K +m®B i`mM; ?¼+- +¬ ç-m i„i K†i i®B ¬K #° ç Hmv M i?B- +ª i`QM; KÆ +ÁM
o"i HwX «M; >¢ i?'v +QM; €B ?¼+ çB M +m²M; M?Q p"v i?b t| i- #ªQ pÈB +QM ``M
i`QÌM; i®i M?'i ç•m- FB K i`QÌM; M"Q ; -M M?" K" ?¼+ H" çQÊ+ `²B óX

>¢ æ¬M; ok i?'v +?` ; €B ?¼+ ç M +?ªv +ª K€m KkB i?b bÊ ?½B- [m€ # M +?•M +?
çWM; ?¼+ M[- K†+ /M 2K F?¬M; ;BÄB ;B M; ;b M?QM; b m M"v M?'i ç`M? b) Mm¬
bS+ F?Ä2 +O Kbm? i`QÊ+ +?S ô

>¢ hmv i .mv M +QÌB i`W- ;ä ç-m 2K i` B- óJ"v Mm¬B +?` i?b B Mm¬B pÊ K"vX L;
B K" çÁB Mm¬B +?` ç•vXô

ó ó h?^M; M?|+ ?W H¢M?- [m v K†i b M; +?¶ F?€+- iÄ p ;B"M /¶BX

óa Q i? \ *?¢K ç M iU i¬M ç" M ¬M; M M ;B"M " \ô *¬ ç€M? #°T p"Q p B 2K i` BX

>¢ æ¬M; ok BK H†M; K°i H9+ H•m `²B KÈB M|B- ;B¼M; pW /Si F?Q€i pW i?"M?
i`QÌM; i®i ç #Ä MÆB M"v K" çB +?S ;b\ 1K F?¬M; Km®MX h` M çÌB M"v +?d +|
i?QÆM; +?`X \*?` çB ?¼+ t - 2K F?¬M; [m2M- HÐ +?` #` M;QÌB i #„i M¢i i?b T?ªB H
tªv` pÈB +?`X " +kM; i? - M;"v M"Q # +kM; ;¼B çB M +?Q K'v M;QÌB [m2M i` M
M?" /MK +?`- M?ì ?¼ çO çB mX \*?` çB `²B F?¬M; #B i # Q ;BÌ KÈB H¢B p X L?Q +
+QM; €B +¬ 'v H M idM? ?¼+- K°i M,K p +| K'v M;"v- p `²B +ÁM +? +¬ Gw M?" [m
pÈB +¬ 'vX *?` ô- ;B¼M; M| M;? M H¢B- ó M m ;?ûi 2K i?b +S M|B` - +?S çWM; #
+?` H„K5ô oW /Si HÌB- M| +?¢v M çBX

*¬ ;B"i Kbm?- M;²B i?~M i?Ì K°i H9+ H•mX E?¬M; M;ì i?^M; M?|+ H¢B M;?o M?B m

æ K ç| +¬ F?¬M; M;O çQÊ+- pb M;?o ç M M?QM; ;b æ¬M; ok M|B- pb M;?o ç M bS
p" pb i?^M; M?|+ +? i iB i çB ç•m ;BÌ M"v +?Q +?`m p X

J½B ç M ; -M ? B ;BÌ b€M;- >¢ æ¬M; ok KÈB KÁ p M?"X >¢ hmv i .mv M M;²B +Q`
i?'v #|M; /€M; 2K i` B ç½ p°B p" M; +?¢v H¢BX

óæB ç•m ;BÌ KÈB +?`m p \ô :B¼M; +¬ `mM H M pb H¢M?X

>¢ æ¬M; ok +9B tm®M; M?bM +?` ; €B- +¬ +?d + Q ?ÆM p B M? K°i +?9iX óE 2K-

> B #`M i v +SM; çÌ +O +¬ i9K H'v +€M? i v b,M +?„+ +O >¢ æ¬M; ok- ;B¼M; i?
?ª\ *?` ç½ M°T çÆM M;mv M p¼M; H M +?Q ;B€Q pB M ç•m- +| i? bY H¢B
pÈB +?QM? M?[M; ;b Kbm? M|B` - #ÎB +¬ Hm¬M i?Q+? K¼B i?S`ä`"M;X

ó o" Q M?"`²B ?ÆM; M|B5ô >¢ æ¬M; ok FûQ +?`; €B p"Q M?"- ç†i +¢M? HÁ bQÎBX

"m [m v [m [m v H¢B #Ä i? K +OB p"Q HÁX æ°M; i€+ +| T?¬M K'i iU M?B MX ó?
çB5ô

ó*?` F?¬M; çB M[ 5ô >¢ hmv i .mv M M|B- M?bM +?^K +?^K iWM; #B m +ªK i` M ;Q

h`QÈ+ F?B æ¬M; ok [m v K†i çB- +¬ ç½ i?Q€M; i?'v MK +QÌB i` M K¬B M|X

ó*| i?"i F?¬M; \ô L| ?ÄBX

óh?"iXô

óG" +?` iU M; mv M +?S 2K F?¬M; ûT M?û5ô :B¼M; M| iQÆB pmB ?ÆM ?ŠMX

óL?|+ +QMX æB M; O bÈK çB5 1K T?ªB M?È HÌB ?S Mm¬B +?` ç'v5 æWM; ?ÁM; M
M?Q b„T +ªK H¢M? iÈB MÆB `²BX

óL m F?¬M; B i? K +QÈB +?` i?b 2K Mm¬B +?`Xô >¢ æ¬M; ok [m v M; QÌB H¢B- #„

h?U+ ` +¬ Km®M i?B ç"m p"Q K°i i`QÌM; +| iB M; i`QM; i?"M? T?®- ?B p¼M; b m
F? F?€ ç T?KM; /QÐM; # K X h? K" ?¬K M v M; ?2 2K i` B M|B- +¬ H¢B HmM; H v
[m M i`¼M; #^M; ibM? i?•MX *| iB M M?QM; K¼B M; QÌB t +€+? +kM; i®i ç T ;b +
p¼M; ;B"m b M; ç|X

RyX *?QÆM; N, *?QÆM; k

a€M; ?¬K b m- >¢ hmv i .mv M /"v i` - +¬ p°B p"M; +?m~M #` [m HQ X J v K" ?¬K
b€M; - M M +¬ çÐ K°i T?¬M pB +X

>¢ æ¬M; ok H9+ M"Q +kM; ` F?ÄB M?" bÈK ?ÆM +¬- M?QM; H¢B ç M i`QÌM; Km°
M?QM; +"m i pšM +?SM; M"Q i"i M'v- F?¬M; #Ä i?|B çB ?¼+ i` X

>¢ hmv i .mv M t€+? +†T- ;†K KB M; b M/rB+? i`QM; KB M; - # +?•M #®M +ŠM; +?
æB ç M ç¬m M; ä [m Q T?ªB- pb +?¢v M? M? F?¬M; F`T /WM; M M +¬ ç•K b¬K p"Q M
JB M; b M/rB+? M; QM H" M? `Èi tm®M; ç'i- b€+? pî i?b p,M; iS imM; - K v K" M; QÌB
;b M?B mX

ó*QM tBM H¶B- +QM p°B [m€ M M F?¬M; F`T M?bM çQÌM; - +QM tBM H¶BXô \*¬ `Qm
ç w M; QÌB M"v H" [m•M M?•M- +?„+ pW tm'i M; kM M p i?,K; B çbM?X

óE?¬M; b QX 1K b„T i` ?¼+ `²B M?d\ æ i¬B ;B9T 2K5ô :B¼M; M? +?"M; [m•M
hmv i .mv M M?bM M? M? H M; QÆM; K†i M? i `²B H¢B HB + M?bM KB M; b M/r

i†+ H Q Ð B i B + M m ® B X

> ¢ h m v i . m v M F ? ¬ M ; M ; ? o M ; Ê B M ? B m - H M ¢ ¢ B b € + ? p Î p ¨ Q + † T `² B + ? ¢ v M ¢ B
* ? ¨ M ; [m • M M ? • M + - K # ¨ B F B K i ` i ? Q Ì M ; t m v M K ¨ + ¬ ; € B H ¨ K ` Æ B - i ` M ¢ ! ¢ i M
M ? ; B ¨ i K b M ? - [m v M ; Q Ì B M ? b M i ? 2 Q # ! M ; / € M ; p ° B p ½ + O + ¬ ; € B X æ ½ i € K M , K
+ k M ; i ` Q Î M ; i ? ¨ M ? `² B - H ¢ B + Á M t B M ? t ¨ M M ? Q i ? X E d M B K M , K M ¨ Q H ¢ B M p i
+ k F o - + S H † T ¢ B H † T H ¢ B X

h ` - M h ` b M ? t € + ? # H Q H M p B - b ª B i W M ; # Q Ê + / ¨ B p M ? ¨ X

h € K M , K i ` Q Ê + - F ? B T ? ª B H U + ? ¼ M ? Q † + H ¨ ` M Q Ê + M ; Q ¨ B b ® M ; + M M ; K - ? Q † +
? ¨ F ? ¨ + + O # X M ? ¢ ½ + ? ¼ M Î H ¢ B - + ? d p b + ¬ ; € B # û M ? Ä F B X ' v p ¨ v K ¨ ? ¬ K M
M ¨ Q M ? ¨ M ` + ¬ X

L , K M , K ¢ - m - M ? ? Q ¨ M i ` i p B + ? ¼ + Î i ` Q Ì M ; æ ¢ B ? ¼ + + ? m v M M ; ¨ M ? E B M ? i - b
` M H m v M i ? • M i ? X h ` - M h ` b M ? F ? ¬ M ; B ® M ; M ? Q ? B M ? i ` B + O M ? - + ª h `
? Q ¨ M ? ª Q p K ¼ B K † i - + Á M M ? H ¢ B ® K v m i ? ' T F û K i W M ? Ä X > B M ? i ` B b m p ¨
i v ` B M ; - i ` Q M ; ; B Ê B F B M ? / Q M ? F ? ¬ M ; B H ¨ F ? ¬ M ; # B i ¢ M X

G - M M ¨ v h ` - M h ` b M ? i ` Î p H ¨ ¢ i B T [ m ª M b U M ; ? B T + O # X « M ; h ` - M F ? ¬ M ; i E
M ? - ¬ M ; + ? Q ` ¨ M ; M ? [ m € v m ¢ m ® B ¢ + ! i ? ¢ S M ; p [ M ; i ` M i ? ` i ` Q Ì M ; F ? ¨ + M ; ?
p ¨ Q [m • M ¢ ° B - ` M H m v M + ª i ? + ? ' i H Š M i B M ? i ? - M - ¢ M ? ` ¨ M + ? ¨ + p ¨ [m v i ¢ Q
¢ 9 M ; ¢ ¨ M X « M ; ¢ ½ ; ¨ i ; M + ª K i ? € M M ? Q i ? F ? B ; † T H ¢ B i ? ^ M ; + Q M i ` B 9 i + O K b I

ó o `² B ¢ ' v ` \ ô « M ; h ` - M + ? ® M ; ; ¨ v - i ? € Q K ¨ i F B M ; t m ® M ; M ? b M M ? X

ó o • M ; - + Q M K Ê B p 5 ô h ` - M h ` b M ? M ? b M ¬ M ; h ` - M - b m ¢ ! [m v b M ; ; ¨ i ¢ - m p Ê B M
¬ M ; i X

« M ; h ` - M H ¨ M ; Q Ì B ¢ ¨ M ¬ M ; ¢ ¨ Q ? Q X " M ? 2 K M ? ¢ m + M M ; + ? M ? Q M ; F ? € + K
+ O ? ¼ ¢ m H ¨ M ? [M ; M ; Q Ì B T ? K M [i ? K ; B + m ° + i ? B i m v M ? Q ? ¨ m - ¬ M ; M ? b M
? ¼ - b m F ? B + ? Æ B + ? € M i ? b + ' T i B M + ? Q ? ¼ ` M Q Ê + M ; Q ¨ B - i ` € M ? t i - K K ¨ i + O
¢ ¨ M # ¨ M ¨ Q b B M ? ¢ Q Ê + + Q M i ` B i ? b ¬ M ; + Q Ê T [m v M M m ¬ B + Q M - b m p ¨ B M , K i ? b
+ Q M ; € B i ? b ¢ W M ; K Q M ; K Ä B ; b Î ¬ M ; i X

æ Q Æ M ; M ? B M - ? B M ; Q Ì B M ? + O h ` - M h ` b M ? # B i ` i ` ä ¢ B m M ¨ v - / m v + ? d + !
/ M i ? M ? p Š M v m [m w ¬ M ; - p b / M b Q ¬ M ; i + k M ; H ¨ M ; Q Ì B i ¢ Q ` M ? X

> ¢ h m v i . m v M H - M ¢ - m i B M i ` Q M ; ¢ Ì B ¢ B ? ¼ + i ` X J v K ¨ p b + ¬ H ¨ ? ¼ + b B M ? Q
[m X L ; ¨ v ? ¬ K ¢ ! ¢ Q Ê + i M ? ¼ + b Ê K - F ? ¬ M ; ? B m b Q + ¬ H ¢ B + ? ¢ v p ° B p M ? ¨ - +
+ M i ? ¬ B i ? 9 + + ¬ H ¨ K p B + ¢ ! X

o W ¢ ! M ; + ´ M ; H ¢ B - > ¢ æ ¬ M ; o k ¢ ½ ? û i H M p Ê B + ¬ X ó * ? ` ¢ ½ H ¨ K ; b p ¨ v ? ª \ ô

* ¬ M ; ~ M M ; Q Ì B ` - M ? b M + ? ^ K + ? ^ K 2 K i ` B X

ó o `² B ¢ ' v ` \ J m p ¨ Q ¢ • v - + ! M ; Q Ì B i b K + Q M M ¨ v 5 ô « M ; > ¢ H ! ¢ - m ` - M ; Q ¨ + M ; Q ¨

ó J ¢ M ` \ ô \* ¬ ? Ä B 2 K i ` B X

ó E ? ¬ M ; X * ? ` b) T ? € i ? Q ª M ; F ? B ; † T M ; Q Ì B M ¨ v + ? Q K ¨ t 2 K 5 ô > ¢ æ ¬ M ; o k + Q Ì B K
h B K + ¬ ¢ ¨ T + ? + ? K ° i M ? ` T - `² B b m ¢ ! ¢ ¨ T /² M / ¨ T X

> ¢ h m v i . m v M # Q Ê + p ¨ Q M ? ¨ - + ¬ M ? b M M ; Q Ì B ¢ ¨ M ¬ M ; M ;² B ¢ ® B / B M p Ê B # - M
+ M M ; [m - M i • v ¢ Q Ê + + ¨ i K v + ~ M i ? ¨ M X : Q Æ M ; K † i M ? i M ? b M ` i [m 2 M M ? Q M ; +

ó * ? ¨ Q + ? 9 5 ô * ¬ K Î K B M ; - p b M ; ? o H ¨ # ¢ M + O # M M K Ê B ; ¼ B H ¨ + ? 9 X

ó * ? ¨ Q 5 ô M ? i + Q Ì B - M K + Q Ì B ' K € T F ? B M i ` € B i B K + ¬ ` m M ` v X

h ` Q M ; H Á M ; + ¬ / ' v H M K ° i + ª K t 9 + ; b ¢ ! - M ? Q F B m i b K H ¢ B ¢ Q Ê + # € m p ¨ i M ; Ð ¢ ½

ó L ; ¢ + M ? B M + ? Q \ ô > ¢ æ ¬ M ; o k F ? Q € + i v H M p B + ¬ - + Q Ì B ? Ê K ? o M ? X

*¬ +?d #†K K¬B ç,K +?B m- F?¬M; +! iQ K M? K®B +?„+ +?„M M``QX ó1K çB M ç'v
 i?b i?¬K pÈB 2K i` BX
 óhB m .mv M- +QM F?¬M; M?È ç•v H`` B ``\ô «M; >¢ ?ÄB- # M;QìB ç m ç M; M?bM
 *¬ HK+ H¼B i`Q M?È- +?Êi i?Q€M; [m ?bM? ºM? H9+ b€M;X ``'v ;Bì +¬ KÈB ð ö H
 b€M; +QM çKM; i`9M; F?¬M; \ \*?9 M!B F?¬M; b Q `²B K``- b Q #•v ;Bì H¢B ç M ibK
 M¢i ç•m5ô *¬ M!BX
 *ª # M;QìB +ÁM H¢B +MM; #``i +QìB- +¬ M;•v M;®+ î ç! M?Q i`ìB i`²M;- M?"M` Kb
 b B +?¶ M``QX óa Q H¢B +QìB\ L;QìB i ç M H`K F?! M?" KbM? ç!- # +ÁM +QìB M
 a m F?B +QìB MQ M - ¬M; >¢ KÈB M!B- ó*QM ;€B- +QM M?bM +?Q Fo çBX X Xô-
 F?¬M; M?"M` M? h`bM? +O +QM ``\ô
 ôS?ªB ç!- 2K pW M?bM ç½ M?"M` - +?` i?QÆM; M? 'v M?Q p"v K`` F?¬M; M?"M

RRX *?QÆM; N, k, Zm v æ-m L?bM Zm€ E?S

a€M; ?¬K b m- >¢ hmv i .mv M /"v i` - +¬ p°B p" M; +?m~M #` [m HQ X J v K" ?¬K
b€M; - M M +¬ ç Ð K° i T?¬M pB +X

>¢ æ¬M; ok H9+ M"Q +kM; ` F?ÄB M?" bÈK ?ÆM +¬- M?QM; H¢B ç M i`QÌM; Km°
M?QM; +"m i pšM +?SM; M"Q i"i M'v- F?¬M; #Ä i?|B çB ?¼+ i` X

>¢ hmv i .mv M t€+? +†T- ;†K KB M; b M/rB+? i`QM; KB M; - # +?•M #®M +ŠM
i`QÌM; X æB ç M ç-m M; ä [m Q T?ªB- pb +?¢v M? M? F?¬M; F`T /WM; M M +¬ ç•
M; QÊ+ çQÌM; X JB M; b M/rB+? M; QM H" M? `Èi tm®M; ç'i- b€+? pÎ i?b p, M; iS im
#` ?Q ?¢B ç¶ pÐ ;b M?B mX

ó*QM tBM H¶B- +QM p°B [m€ M M F?¬M; F`T M?bM çQÌM; - +QM tBM H¶BXô \*¬`Qm
ç w M; QÌB M"v H" [m•M M?•M- +?„+ pW tm'i M; k M M p i?, K; B çbM?X

óE?¬M; b QX 1K b„T i` ?¼+ `²B M?d\ æ i¬B ;B9T 2K5ô :B¼M; M? +?"M; [m•M
hmv i .mv M M?bM M? M? H M; QÆM; K†i M? i `²B H¢B HB + M?bM KB M; b M/r
i†+ HQÐB iB + Mm®BX

>¢ hmv i .mv M F?¬M; M; ?o M; ÊB M?B m- HM ç¢B b€+? pÎ p"Q +†T `²B +?¢v M çB

*?"M; [m•M M?•M +¬K #"B FB K i` i?QÌM; tmv M K" +¬; €B H"K `ÆB- i` M ç| ç i M
M? ;B"i KbM?- [m v M; QÌB M?bM i?2Q #|M; /€M; p°B p½ +O +¬; €BX æ½ i€K M,
i +kM; i`QÎM; i?"M? `²B- H¢B +ÁM tBM? t„M M?Q i? X Ed MB K M, K M"Q H¢B M
T?BK +k Fo- +S H†T çB H†T H¢BX

h`-M h`bM? t€+? # HQ H M p B- bªB iWM; #QÊ+ /"B p M?"X

h€K M, K i`QÊ+ - F?B T?ªB HU +?¼M ?Q†+ H" ` MQÊ+ M; Q" B b®M; +MM; K - ?Q†+
?" F?„+ +O # X M? ç½ +?¼M Î H¢B- +?d pb +¬; €B #û M?Ä FB X 'v p"v K" ?¬K M
M"Q M?"M ` +¬X

L, K M, K ç-m- M? ?Q" M i' i pB + ?¼+ Î i`QÌM; æ¢B ?¼+ +?mv M M; "M? EBM? i - b
` M Hmv M i?•M i? X h`-M h`bM? F?¬M; ;B®M; M?Q ? B M? i` B +O M?- +ª h`-
?Q" M ?ªQ p K¼B K†i- +ÁM M? H¢B ®K v m i?' T FûK iW M?ÄX > B M? i` B b m p"
iv`B M; - i`QM; ;BÈB FBM? /Q M? F?¬M; B H" F?¬M; #B i ç MX

G-M M"v h`-M h`bM? i`Î p H" ç iB T [mªM bU M; ?B T +O # X «M; h`-M F?¬M; iE
M?- ¬M; +?Q `^M; M? [m€ v m çm®B ç +| i? çSM; p[M; i` M i?` i`QÌM; F?„+ M; ?
p"Q [m•M ç°B- ` M Hmv M +ª i? +?' iHšM iBM? i?¬M- ç M? `„M +?„+ p" [mv i çQ
ç9M; ç„MX «M; ç½ ;"i; M +ªK i?€M M?Q i? F?B ;†T H¢B i?^M; +QM i` B 9i +O Kbl

óó `²B ç'v ``\ô «M; h`-M +?®M; ;"v- i?€Q K„i FB M; tm®M; M?bM M?X

óó•M;- +QM KÈB p 5ô h`-M h`bM? M?bM ¬M; h`-M- b m ç! [m v b M; ;"i ç-m pÈB +çM? ¬M; i X

«M; h`-M H" M; QÌB ç" M ¬M; ç"Q ?Q X " M? 2K M? ç m +MM; +? M?QM; F?€+ K +O ?¼ ç m H" M?[M; M; QÌB T?K M[ i? K ;B +m°+ i?B imv M ?Q ?"m- ¬M; M?b pÈB ?¼- b m F?B +?ÆB +?€M i?b +'T iB M +?Q ?¼ ` MQÈ+ M; Q" B- i`€M? t i-K K M; QÌB ç" M #" M"Q bBM? çQÈ+ +QM i` B i?b ¬M; +QÈT [mv M Mm¬B +QM- b m p" E +ÁM bBM? +QM ;€B i?b çWM; KQM; KÄB ;b Î ¬M; i X

æQÆM; M?B M- ? B M; QÌB M? +O h`-M h`bM? #B i`'i`ä çB m M"v- /mv +?d +! /M i? M? pšM v m [mw ¬M; - pb /M b Q ¬M; i +kM; H" M; QÌB içQ ` M?X

>ç hmv i .mv M H-M ç-m iB M i`QM; çÌB çB ?¼+ i` X J v K" pb +¬ H" ?¼+ bBM? Q [m X L; "v ?¬K ç! çQÈ+ i M ?¼+ bÈK- F?¬M; ?B m b Q +¬ HçB +?çv p°B p M?"- +! + M i?¬B i?9+ +¬ H"K pB + ç!X

oW ç!M; +´M; HçB- >ç æ¬M; ok ç½ ?ûi H M pÈB +¬X ó*?` ç½ H"K ;b p"v ?ª\ô

*¬ M; ~M M; QÌB ` - M?bM +?^K +?^K 2K i` BX

óó `²B ç'v ``\ J m p"Q ç•v- +! M; QÌB ibK +QM M"v5ô «M; >ç H! ç-m ` - M; Q„+ M; Q„

óJ ç M ``\ô *¬ ?ÄB 2K i` BX

óE?¬M; X *?` b) T?€i ?QªM; F?B ;†T M; QÌB M"v +?Q K" t2K5ô >ç æ¬M; ok +QÌB K

hBK +¬ ç" T +? +? K°i M?`T- `²B b m ç! ç" T /²M /"TX

>ç hmv i .mv M #QÈ+ p"Q M?"- +¬ M?bM M; QÌB ç" M ¬M; M; ²B ç®B /B M pÈB # - M +MM; [m-M i•v çQÈ+ +„i K v +~M i?"MX :QÆM; K†i M? i M?bM `i [m2M M?QM; +

ó*?"Q +?95ô *¬ KÎ KB M; - pb M; ?o H" #çM +O # M M KÈB ;¼B H" +?9X

ó*?"Q5ô M? i +QÌB- MK +QÌB 'K €T F?B M i`€B iBK +¬ `mM `~vX

h`QM; HÁM; +¬ /'v H M K°i +ªK t9+ ;b ç!- M?Q FB m ibK HçB çQÈ+ #€m p"i M; Ð ç½

óL;¢+ M?B M +?Q \ô >¢ æ¬M; ok F?Q€+ i v H M p B +¬- +QÌB ?ÊK ?oM?X

*¬ +?d #†K K¬B ¸,K +?B m- F?¬M; +| iQ K M? K®B +?„+ +?„M M``QX ó1K ¸B M ¸'v
i?b i?¬K pÈB 2K i` BX

óhB m .mv M- +QM F?¬M; M?È ¸•v H`` B ``\ô «M; >¢ ?ÄB- # M;QÌB ¸ m ¸ M; M?bM

*¬ HK+ H¼B i`Q M?È- +?Êi i?Q€M; [m ?bM? ºM? H9+ b€M;X ``'v ;BÌ +¬ KÈB ð ö H
b€M; +QM ¸KM; i`9M; F?¬M; \ \*?9 M|B F?¬M; b Q `²B K``- b Q #•v ;BÌ H¢B ¸ M i bK
M¢i ¸•m5ô *¬ M|BX

*ª # M;QÌB +ÁM H¢B +MM; #`i +QÌB- +¬ M;•v M;®+ Î ¸| M?Q i`ÌB i`²M;- M?"M `
#B i b B +?¶ M``QX óa Q H¢B +QÌB\ L;QÌB i ¸ M H`K F?| M?" KbM? ¸|- # +ÁM +Q

a m F?B +QÌB MQ M - ¬M; >¢ KÈB M|B- ó*QM ;€B- +QM M?bM +?Q Fo ¸BX X Xô-
F?¬M; M?"M ` M? h`bM? +O +QM ``\ô

óS?ªB ¸|- 2K pW M?bM ¸½ M?"M ` - +?` i?QÆM; M? 'v M?Q p"v K`` F?¬M; M?"M `
æ¬M; ok T?K i? KX

.QÈB K€B M?" M?Ä #û- K¼B i?S ¸ m M?Ä #û- F?QªM; +€+? ;B[+¬ p`` M? +kM; /-
+| i`K HÁM; v m M? H```°M; HÈMX

ó M? h`bM?X X X5ô :B¼M; +¬ M;? M H¢B- ¸¬B K¬B K'T K€v F?¬M; M|B M M +•mX

óG•m M;`v F?¬M; ;†T- +?"Q 2K- >¢ hmv i .mv MXô *€B +?'i ;B¼M; 'v- imv +| T?¬
``i`K €TX \*| p M?Q K¼B i?S i?m°+ p M? ¸ m ``i`K €TX

•M? K„i ? B M;QÌB M?bM M? m- F?¬M; #B i H`` # Q H•mX .QÈB #-m F?¬M; F?Q F
H M iB M;X ó*?`- +QM ;€B T?ªB #B i FB K +? K°i +?9i- M?'i H`` i`QÈ+ K†i M;QÌB
M?bM +?^K +?^K M;QÌB i M?Q p"v ¸QÊ+Xô

óh?^M; M?|+ M|B #`v #¢ ;b p"v ?ª\ô «M; >¢ i`€+? +QM i` BX óh?¬B i?¬B- i?€M; M
H•m- F?¬M; T?ªB M?bM M? m b®M; +? i M?Q p"v ¸•m5ô

``'v ;BÌ >¢ hmv i .mv M KÈB ?¢ K„i tm®M;- +ªK i?'v i v +?•M H9+ M`v i?"i /Q i?W X

h`¬M h`bM? M?bM ` bU #®B `®B +O +¬- M? KÎHÌB- ó*| Km®M ` #Ì b¬M; +?ÆB K

>¢ hmv i .mv M ? i M?bM M? `²B H¢B M?bM ¬M; >¢- €M? K„i F?~M i?B iX

óæB çB- M?È +~M i?"M5ô «M; M!B- tm i v #ªQ +¬ çBX

h`-M h`bM? M?ûi ? B i v p"Q i9B [m-M- >¢ hmv i .mv M H[M; i?[M; çB T?Q b m M
M?2M M?|K i`QM; i`€B iBK +¬- çQÊ+ çB # M +¢M? M?- çQÊ+ i`Á +?mv M +MM;
H" [m€ çOX

óL"v5ô h`-M h`bM? ç°i M?B M /WM; H¢B- M? +9B M?bM +¬ ;€B b m HQM; KbM?X
+?ì çÊB F?B M M? [m M K'i KbM? Km®M M!B ;bX ó§ X X X *€B ç!- X X X M? Km®
+| M?È M? F?¬M; \ô M? ;"i ;MX

*¬ M;~M ` K°i H9+- `²B bU+ idM?- óG9+ ç! 2K F?¬M; M?È ` Xô hmv i .mv M M;?B

óE?¬M;X v M? H" bm®i KQ!B M,K [m - 2K +| M?È ç M M? F?¬M; \ô h`-M h`bM? M

ô X X X .¢ +!Xô a m K°i H9+ BK H†M;- +m®B +MM; +¬ +kM; M!B ` X

óh?"i F?¬M; \ô M? M? +? K°i # M +?•M K"v H M- ?ÄB ç-v M;?B M;ìX

ó1K X X X i?"i K"5ô *¬ +?m K¬B- HB + M? K°i +€BX

óh? b Q H¢B M?È\ô *•m ?ÄB +O M? F?B M +¬ #®B `®BX

óh? b Q F?¬M; çQÊ+ M?È\ô *¬ ?ÄB M;QÊ+ H¢BX

ó M? F?¬M; +?Q M?È5ô M? +®+ ç-m +¬X

óæ€M; ;?ûiX "•v ;B!d KbM? + Q HÈM M M #„i M¢i 2K +?S ;b\ô *¬ F?`i KkB- çQ i v

óG9+ M"Q M? +?ŠM; HÈM ?ÆM 2KX *?ŠM; [m #•v ;B! 2K HÈM `²B- iB M #„i M¢i ?
M?ûQ K€ +¬- F?¬M; FB K çQÊ+ w M;?o Km®M ¬K +¬ p"Q HÁM;X ó*?Q ¬K K°i +€B
+?ì +¬ M?"Q p"Q HÁM;X

óGQm K M?5ô *¬ `O - #QÈ+ M? M? p T?Q i`QÈ+X

L?[M; +ÆM ;B! i?€M; ? B K M; i?2Q ?ÆB MQÈ+ iW +QM b¬M; FûQ ç M i¢i p"Q M;C
ç M `mM M;Q!B M?QM; F?¬M; çÁB p X h`-M h`bM? M;²B # M +¢M?- i?'v #!p B +¬
b€i p"Q M;Q!B KbM?X óG¢M? [m€ M?d\ôX M? M!BX

*¬ i`ÊM i`ÁM K„i M?bM M?- ç-v FBM? M;¢+- pb H-M ç-m iB M ?¼ çKM; +?¢K M?

+?d H" M?[M; +€B M„K i v ?ì- #•v ;B`i?b +ª T?-M +€M? i v p" T?-M p B # M T?ªB
J†i +¬ çÄ H M- +Æ i? F?¬M; +ÁM +ªK i?'v H¢M? M[X

óL?bM ;b- 2K ;€B\ô M? HW K„i M?bM +¬X

*ªK t9+ + Q i`"Q H¢B #` M? T?€ pÐ #ÎB ? B iW õ2K ;€BöX >¢ hmv i .mv M Km®M M
hmv +?d KÈB KQ`B i€K im´B M?QM; +¬ H¢B +| bmv M;?o Km®M çQÊ+ ;ª +?Q M?-
çQÊ+ X X X H"K ibM? pÈB M?X *¬ T?€i çB M H M K¶B F?B M? +?¢K p"Q M;Q`B
+?^K p"Q +¬- +¬ H¢B iQÎM; iQÊM; ` çO i?SX \*¬ F?¬M; T?ªB H" çS i` M;•v i?Æ
KÈB iÄ` M?äM; M?)Q M?Q p"vX "¢M ?¼+ +O +¬ iWM; i•K bU +?mv M ibM? +ªK -
?¼ v m M? m ? v M?B m ?ÆM i? M[X L M +¬ Qi M?B m +kM; iÁ KÁ ç M +?mv M i
M?[M; ;bX

>¢ hmv i .mv M çSM; T?„i /"v #Ä çBX h`-M h`bM? F?¬M; #B i KbM? H"K b B +?mv
F?¬M; çSM; H¢B- M M M? çm´B i?2Q- FûQ i v +¬ H¢BX

óL"v- 2K b Q p"v\ô h`-M h`bM? ?ÄB- M?bM b•m p"Q K„i +¬ ibK FB K +•m i`ª HìBX

>¢ hmv i .mv M +®` p #bM? i?ªM- ?ÄB H¢B M?X óo"v 2K ?ÄB M?- M? t2K 2K H

ó1K ;€B\ô M? H M ;B¼M; +m®B +•m- +?ŠM; F?€+ M"Q i`ª HìB ç i?,K /Á +¬X

*¬ ;"i ;M- ;QÆM; K†i ?Q"MiQ"Mi? v ç´BX •M? K„i b„+ #ûM- MK +Q`B i„i M;|K- +?c
HMM;X æ•v H" ;QÆM; K†i K" K¼B M;Q`B ? v M?bM i?'v- #ÎB +¬ F?¬M; Km®M H
M;Q`B F?¬M; t2K KbM? H" M;Q`B T?K M[+O ?¼X J†+ /M #B i KbM? ?ÆB p¬ HQ- M
pÈB M?X

ó1K #` b Q p"v\ô h`-M h`bM? HQ H„M;- M? F?¬M; i"BM"Q ?B m M´B +¬ ç M; M;?c

ó*?ª b Q +ª- M? i` B- 2K p®M /o H" p"v K"5ô \*¬ i?ìÆ i`ª HìBX

h`-M h`bM? F?¬M; ?ÄB i? K ;b M[X "ÎB M? #B i +| ?ÄB +¬ +kM; +?ŠM; M|BX

h? H" #m´B ;†T K†i ç-m iB M b m M?B m M,K t +€+? ç½ F?ûT H¢B M?Q p"vX J'v
ibK >¢ hmv i .mv M M?QM; +¬ H¢B +S pB M HQ /Q ¬M i?B K" i`®M i`€M?X

a m M?B m H-M M?Q i? - h`-M h`bM? F?¬M; ç M ibK +¬ M[X L?QM; [mª i?U+ H"
H" +® ibM? i`€M? i?¬BX

L,K i?€M; b m- F?B +| F i [mª i?B i®i M;?B T- ç²M; i?ìB M?"M çQÊ+ ;B'v #€Q i`9
M;Q`B ç-m iB M +¬ Km®M F?Q2 +?QM? H" h`-M h`bM?X " Q i?€M; M;"v KQM; M?

HQ /Q ç ç M ;†T M?- +kM; t2K M?Q /`T H`K ?Á - pb /M b Q KbM? +kM; H` M;QÌB

h`-M h`bM? +?Q # Q ;Bì /šM +¬ p M?“ M? +?ÆB- +¬ +kM; +?ŠM; # Q ;Bì çÁBX .
`^M; M? i?QÌM; ? v iÈB- ç! +?QM? H` F?Q^aM; ç'i M?Ä # M +¢M? F?m #B i i?U- +!
+?ÆB +?Q i` 2KX

.QÈB €M? M„M; +?|B +? M; +O KM ? - +¬ çSM; /QÈB #|M; +O +•v iMM; - ¬K +?†
i`QM; HÁM; - +QÌB M;•v M;®+ +?Ì M? çB M; M; [m MÆB M`vX

L?QM; +¬ +?Ì K½B- ç M i”M H9+ K² ?¬B i v i?’K QÈi iì; B’v #€Q i`9M; imv M- K” h`
?B MX h`QM; ç-m +¬ M<sup>a</sup>v ` çO i?S w M;?oX *¬ HQ `^M; M? F?¬M; +ÁM; B[i?|B [
`^M; M? F?¬M; +ÁM [m M i•K ç M +¬ M[ X \*¬ HQ `^M; M? F?¬M; +ÁM Î MÆB M`v
H„M; ç! M?Q ;B i +? i +¬X :B i +¬ H-M i?S ? BX L;?o i? M?QM; +¬ pšM ¬K ?B p¼

E?B i`ìB ç½ i®B K`i- F?¬M; `ä i?ìB ;B M H` # Q M?B m- +¬ KÈB i?’v #|M; h`-M h`
ç M çQÌM; X >¢ hmv i .mv M KWM; `Ð +?¢v ç M # M +¢M? M?- M?QM; +”M; ç M ;
#’i M- /QÌM; M?Q [m M? M? i²M i¢B K°i #-m F?¬M; F?Q M†M; i`om ç M F?| i?ÎX

h`-M h`bM? çSM; ç!- €M? ç M ?„i i` M ç-m F?B M +¬ F?¬M; M?bM `ä ;QÆM; K†i
J¶B #QÊ+ +?•M ç M ; -M M? +”M; i`Î M M M†M; M?¼+ ?ÆM # Q ;Bì ? iX

æ°i M?B M h`-M h`bM? [m v M;QÌB H¢B- €M? K„i ?mM; €+ M?bM i?ŠM; p`Q M;QÌB
F?B M?“M ` M;QÌB ç M ; -M KbM? H` >¢ hmv i .mv M- M? HB M /`m tm®M; - KdK +

óa Q 2K H¢B Î ç•v\ Jm°M H„K `²B ç’v5 æ½ ,M m®M; ;b +?Q \ L;²B ç•v K°i KbM? K
M? ?ÄB K°i i`”M; - F?¬M; ç +¬ i`^a HÌBX

*¬ #®B `®B i`QÊ+ K°i HQ¢i +•m ?ÄB +O M?- ;QÆM; K†i M?,M M?| F?¬M; #B i T?

M? #”i +QÌB ;BÁM ;B½- T?€ i M K”M ç K i oM? H†M; X ó>¬K M v 2K ;†T K v ç’v5ô

*^a? B BK H†M; X *¬ F?¬M; #B i M M M|B ;b- +?Êi M?È ` Hw /Q pb b Q ç M i bK M?
i`QM; i v çQ +?Q M?- +QÌB iOK idKX

ó*?Q M? `ìô

*¬ ;”i ç-mX

óJÎ ` çQÊ+ F?¬M;ìô

*¬ HϕB ;"i ϕ-mX

E?Q^aM? F?„+ +?ì M? Kî îl̃ ;B'v ` - ? B +?•M +¬ K K M?kM F?¬M; +ÁM +?9i bS+ H
F?2M KbM?X

óæ"m ϕϕB ?¼+ `²B M?d\ L?QM; ϕB K + Q i? b Q HϕB +?d ϕ,M; FQ p"Q ϕϕB ?¼+ E
M?bM +¬X

ó>ϕ æ¬M; ok p" # F?¬M; Km®M 2K ϕB ?¼+ t M?"5ô *¬ i?"i i?"X

ó>ϕ hmv i .mv M +O +?9M; i ;BÄB H„K- HϕB +ÁM ϕ€M; v m M?Q p"v M[X æB ` M
K'v + "m M?|+ M K bBM? M?" M; QìB i M[5ô M? HϕB +QìBX

óh? ϕ½ ,M ;b +?Q \ô M? ;'T îl̃ ;B'v HϕB- M?ûi p"Q i9B €Q F?Q€+ +O +¬X

óošM +?Q 5ô *¬ M|BX

ó M? /šM ϕB ,M5ô h`-M h`bM? i9K H'v T?-M pϕi €Q T?Q i`QÈ+ +O +¬- H¬B ϕBX

óE?¬M;- 2K F?¬M; Km®M ,MXô "îB pb H9+ ,M b) F?¬M; ϕQÊ+ M|B +?mv M pÈB M?

óE?¬M; i? ϕ #KM; ϕ|B ϕQÊ+Xô M? pšM +S H¬B +¬ ϕBX

æ M K°i [m€M pd ? ;-M ϕ| - M? F m K°i T?-M ?€ +^aQ +?Q +¬X æo #€M? #®+ F?|
K†i +¬X *¬ Mm®i MQÊ+ KB M; i? K i?m²M;- #®+ K°i KB M; #Ä p"Q KB M;X

óhW iW- +ÁM M|M;Xô h`-M h`bM? ϕQ HB MQÈ+ +?Q +¬X

>ϕ hmv i .mv M ϕ|M H'v HB MQÈ+- pW i?'B pW ,MX

G9+ +¬ ,M- M? +?d M;²B BK H†M; M?Q +| i•K bUX

óa Q M?bM M? #m²M p"v\ô *¬ #m¬M; ϕk - m®M; KB M; MQÈ+- ϕQ K„i M?bM M?X

óE?¬M; +| ;b5ô M? +QìB- ó+?d H" i?'v 2K HÈM M? M? [m€- M? b„T ;B" `²B K" pš

óæ T i` B M?Q M? K" F?¬M; +| M; QìB v m €\ 1K F?¬M; iBM5ô *¬ #om K¬BX

ó M? ç T i` B ?^ \ô

ó.¢Xô

óL?B m M;Q`B i?Q+? M? ?^ \ô

ó.¢Xô

ó1K M;?o M? +| bS+ ?9i p"v ?^ \ô

ó.¢Xô

óo"v 2K H`K #¢M ;€B M? M? 5ô

ó.¢X X Xô *¬ i`^ H`B i?2Q [m€M iQM?- +?Êi M?"M ` +| ;b ç| F?¬M; ´M M M M;~M;
K„iX

ó M? pW ?ÄB 2K +€B ;b \ô

óG`K #¢M ;€B M? M? 5\ o` 2K pW ç²M; wXô M? +Q`B i?"M? iB M;- H° +^ ?`K i`„
i?¬B5ô LK +Q`B i` M K¬B M? i„i /¬M- €M? K„i #¶M; M?bM t t,KX

>¢ hmv i .mv M +KT K„i tm®M;- pW KÈB pmB +?Q çQÊ+ # Q H•m H¢B ç°i M;°i i?'
M;İ ç´ KQ X *¬ çQ K„i` M?bM F?mM; +^M? # M M;Q`B- +9B K†i tm®M; i?'T ? i K
;QÆM; K†i pÈB M?[M; ;B¼i MQÊ+ K„i +?d i`U+ `ÆB tm®M; # 'i +S H9+ M`QX

óh`B KQ `²B5ô *¬ M|B- +® F?¬M; ç H° p v m çm®B +O KbM?X

h`¬M h`bM? M?bM ` M;Q`B [m F?mM; +Y b´- M? M?È +¬ iWM; M|B ;?ûi KQ - ç
+?Êi i? M`vX M? i?'v i?€B ç° # 'i i?Q`M; +O +¬- +S M;?o H` /Q +¬ ;?ûi KQ - M M

ó1K #B i F?¬M;- ?²B #û M? i?Q`M; ? v i„K KQ - K` T?^B i„K iW ç¬m +ÆM ç M +m©
;?ûi M?Q 2K M;?o ç•mX æB /QÈB KQ +kM; i?Q+? H„K X X Xô :QÆM; K†i M? b€M
H¢B F?Q^M; FQ S+ ç|X

æ°i M?B M >¢ hmv i .mv M M;~M; ç¬m H M- K„i +?S ç¬v MQÊ+X ó_®i +m°+ M? t2
p`Q K„i M?- +?İ çÊB +•m i`^ H`B X

"®M K„i M?bM M? m- +?Q # Q ;B` M? i?'v +¬ M;?B K i9+ M?Q p"v- #ÎB i? M? F

M"Q ç +¬ F?¬M; i' M i?QÆM; M?Q H-M i`QÈ+X óo"v 2K Km®M i`î i?"M? ; b +O M
M"Q M? +kM; +QÌB çQÈ+X

>¢ hmv i .mv M çQ i v H M t! çB ;B¼i MQÈ+ K„i pW i`"Q ` X ó"Ä çB5ô

oW /Si +•m- +¬ HB M çSM; #"i /"v F?ÄB ;? - [m v M; QÌB #Ä ` M; Q"BX h`-M h`bM
H'v iB M ` i`a`²B çm' B i?2Q +¬X M? +ªK i?'v T?K M[ i?"i`„+ `®B- Km®M ;b i?b
H" i?-M i?€M? ç•m K" ç¼+ çQÈ+ bmv M;?o +O ?¼X

óhmv i .mv M5ô M? ;¼B pÈB i?2Q- +?°T H'v F?m,m i v +¬ FûQ H¢BX ó M? çQ 2K

*¬ [m v T?„i H¢B i`WM; i`WM; M?bM M?- €M? K„i +,K T?šMX óE?¬M; +¬MX *QM i
+¬M M; QÌB F?€+ [m M i•K- +ªK ÆM +?95ô *¬ i? v ç' B +€+? tQM; ?¬- çQ +QM M;C
+€M? i v ` F?ÄB i v M?- `²B +S i? #QÈ+ çB i?"i M? M? i`QM; KQ X

L?[M; iQÎM; î# M M? i?b F?¬M; +ÁM ;?ûi M?[M; +ÆM KQ M[X 'v p"v K" +¬ H¢B
ç°+X *¬ `O X L m F?¬M; i?Q+? M; QÌB i i?b çWM; H"K K'v i`Á M?Q p"vX G9+ +¬
p¼M;- H9+ +¬ K M; ç-v ?B p¼M; i?b H¢B `9i +¢M M! çBX *?Q /M +! H" M; QÌB H¢M
+?`m M' B +9 b®+ ç!X >m®M; +?B +¬ +?d H" çS +QM ;€B KÈB HÈM- ¬K ç-v ?B p¼

>¢ hmv i .mv M +ªM; QÌB QÈi bkM; #QÈ+ p"Q M?"X >¢ æ¬M; ok M?bM #° /¢M; i? i
i` m ;? QX óæ² M;®+- i?'v KQ F?¬M; +?`m M9T +¬ H¢B ç QÈiX > ? ? 5ô

*¬ +?ŠM; +ÁM i•K i`¢M; i` m çM pÈB 2K i` B- +?d HB + M! K°i +€B `²B p T?ÁM;-

h`QM; T?ÁM; i„K- >¢ hmv i .mv M KÎ pÁB MQÈ+ HÈM ? i+Ð `²B iW iW M;²B # itm®M
i` M ç-m tm®M;X *¬ ¬K M;U+ F?!+ MS+ MÎ- iB M; F?!+ HÈM ç M M¶B >¢ æ¬M; ok ç;

RkX *?QÆM; Ry, *?QÆM; j

>¢ hmv i .mv M `i Qi F?B #` # M?- M?QM; K°i F?B #` # M? i?b ? B im-M +kM; +?C

o" ç•v H" H-M # M? / B /ŠM; ç!X >¬K [m /-K KQ +?Q çO- +¬ +ÁM M;•K MQÈ+ ;
a€M; M v ç½ M^K # T /Q i` M ;BQÌM;X

>¢ æ¬M; ok ;ä +Y K'v H-M K" +¬ F?¬M; ` KÎ- M M ç" M? iU w t¬M; p"QX ó\*?`5 ."v
? B +?` 2K KbM? +MM; Km K!M [m" çB5ô æ¬M; ok H v M?QM; >¢ hmv i .mv M F?

i?QÌM; +¬ +?ŠM; # Q ;BÌ M;O MQÈM;- p"v K" ?¬K M v H¢B M^K Hb Î ç!- ç9M; H" +?

>¢ æ¬M; ok H v i? K K'v H-M M[- i?'v +¬ F?¬M; M?9+ M?Q+?- KÈB +?"K`½B FÙC
*"m M?|+`mM`~v çQ i v H M KkB +?`- +ªK M?"M +ÁM ?ÆB 'K T?€i` KÈB i?Î T?"C
H"TiS+ T?€i ?B M ibM? i`¢M; +?ŠM; K'v F?ª [m M +O +?`- # M ;¼B ?"M; t|KiÈB

¬ Gw #„i i tB- ¬K >¢ hmv i .mv M ç M # M? pB MX ó?€m Î M?" +QB F?| +Y +~M
#° [m-M €Q-`²B +® HB M H¢+ pÈB M;QÌB HÈMX hbM? ?bM? i? M"Q +¬ ;¼B #€Q +
Gw /†M /Á id Kd çO i?S- #ªQ >¢ æ¬M; ok çWM; [m€ HQ H„M;- T?ªB #bM? ioM? b„T
`²B ?ŠM p"Q pB MX >¢ æ¬M; ok +?ŠM; M;?2 HÌB B- p"v K" H-M M"v H¢B H"K i?2Q

"€+ bo F?€K +?Q +¬ +?~M çQ€M`^M; +¬ +?d #`b®i- F Ki?2Q #B m ?B M +O bmv
+¬ Gw H"K ;B'v iÌ M?"T pB MX

ob T?ªB çB M K°i b® i?¬M; iBM +-M i?B i ç H"K t€+ M?"M #ªQ ?B K- K" +¬ Gw H
çB M +?Q >¢ æ¬M; okX

ó*| K°i b® i?¬M; iBM +¬ F?¬M; #B i`ä- +?€m t2K +| B [m2M F m ?¼ ç M # M? pB M
i ?®B /[H„K5ô

ó*?€m pšM +?Q HB M H¢+ çQÊ+ pÈB # +?€m- F?¬M; #B i T?ªB H"K b Q M[5 *¬ #
pB M i`QÊ+-`²B +?€m +?¢v H M HB M5ô >¢ æ¬M; ok HQ H„M;- M;„i K€v ;¼B +?Q
ç M ;BÌ K" pšM F?¬M; HB M H¢+ çQÊ+- K + "m i?b Î [m€ t - +| ;¼B +kM; +?d F?B M

æ9M; H9+ +Sm iBM? tm'i ?B MX >¢ æ¬M; ok i`¬M; i?'v h`-M h`bM? çSM; i`QÈ+ +

ó*?9 T?M ?°5 J v [m€5 M? K m ç M # M? pB M ?mv M HB M çB- ;B9T +?`2K pÈB
;€TX

h`-M h`bM? F?¬M; ?B m +| +?mv M ;b ç M; tªv` X M? i`'M M >¢ æ¬M; ok`²B ?ÄB
M;?2 tQM;- M? H"TiS+ t€+? i?2Q i9B ç² >¢ æ¬M; ok +?m~M #`bÆM- H2Q H M t2

h?2Q HÌB +O >¢ æ¬M; ok- M? ibK ç M +?¶ #~M i?O iK+- ibK M;QÌB i M H" Gw h?
M? +?"Q ?ÄB [m HQ - F ç| H"K i?O iK+ M?"T pB M +?Q >¢ hmv i .mv MX

*¬ Gw /šM M? ç M +?¶ ;BQÌM; # M? +O >¢ hmv i .mv MX h?'v +¬ M^K +?mM; ;BC
M[F?€+- #'i idM? F?¬M; #B i ;b- /•v /Ê i?b +„K iMK HmK i` M M;QÌBX M? +ªK
+?mv M +¬ b M; M^K T?ÁM; ç†+ #B i- /M +?B T?Q +| ?ÆB ç„i K°i iQ- M?QM; M;QÌ

ó*"m H" ;b +O +QM #û\ô *¬ Gw ?ÄBX

ó*?€m H" X X X M? ?¼ +O 2K 'v5ô h`-M h`bM? 'T 9M;X

óh? Î H¢B +?,K b|+ M| M?û- +¬ +ÁM +| pB +- T?ªB p i`QÊ+X *| +-M ;B9T ;b i?b
h`-M h`bM? ;"i ç-m pÊB +¬ GwX

a m F?B iB M +¬ Gw p - h`-M h`bM? [m v i`Î H¢B T?ÁM; # M? +O >¢ hmv i .mv M-
;BQìM; +¬X

*?d b m K°i ç K- ;QÆM; K†i +¬ iB m iKv- M?Êi M?¢i ?ŠMX M? iU i`€+? #ªM i?•M
/-K KQ p K°i KbM? M?Q i? X "•v ;Bì M? +?ŠM; #B i H"K ;b M;Q" B pB + i9+ i`U+

>¢ hmv i .mv M KÎ ç¬B K„i M†M; i`om ` - M?QM; +® ? i bS+ +kM; +?d ?û çQÊ+ M[
KbM? ç M; Î ç•m- +?d +ªK i?'v ``i ``i H¢M?- +ª +Æ i? M?Q #` ç¬M; +SM;- Km®M
+kM; F?¬M; çQÊ+X *?ŠM; # Q H•m b m +¬ ç½ #` +ÆM K i KÄB ç€M? ;K+ i`Î H¢BX

E?QªM; M[iB M; b m- >¢ æ¬M; ok ?Èi ?ªB +?¢v ç M- i?2Q b m H" ¬M; >¢X

ó*?`5ô >¢ æ¬M; ok pW ç M ç½ ;¼B +?`- ç M # M ;BQìM; M„K H'v #`M i v M|M; ?'B

ó"€+ bo M|B +QM #û #` H"K b Q\ô «M; >¢ M?bM h`-M h`bM?- ?"M; H¬M; K"v +? m
i`€MX

óa®i + Q- bmv M?QÊ+ i?-M FBM?5ô h`-M h`bM? i`ª HìB- K„i M? pšM F?¬M; `ìB F

ó>¬K [m +QM i?'v +?` H¢ H„K- ç°B KQ p - tQM; H¢B +ÁM F?|+ i`QM; T?ÁM; i„K
F?B M"Q +?` 'v i?B i`QÊi M M ?"M? ?¢ #ªM i?•M F?¬M;\ô >¢ æ¬M; ok M?bM ¬M;
H MX L; v +ª #ªM i?•M +"m +ÁM F?¬M; iBM bmv Hm" M +O KbM?- M|B ;b ç M M;Qì

óh?^M; çB M5ô «M; >¢ +®+ ç-m >¢ æ¬M; ok- ó*| K"v `Èi i?b ç9M;- +?` K"v ?¼+ ;B
"5 *QM pÊB +€BX *?d ;BÄB K9 KB M;5ô «M; >¢ ç~v +QM i` B ` +?¶ F?€+- M;²B p
+QM ;€B FB K i` M?B i ç°X óª Q H¢B b®i + Q i? M"v5ô

ó"€+ çWM; HQ [m€- #€+ bo M|B K v K" çQ p"Q F`T- M^K pB M p" B ?¬K H" p çQÊ
s€+? i9B ç² +O >¢ hmv i .mv M #Ä p"Q iO- `²B ç|M; H¢BX

ó*?€m F?¬M; #B i ç'v i?¬BX *QM #û K" ç½ # M? H" M^K MY i?€M; +kM; +?Q +?„+
HQ çQÊ+ìô «M; i†+ HQÐB- t|it pm®i i|+ +QM ;€BX

æ M ;¬M i®B- +ÆM b®i +O >¢ hmv i .mv M ;BªK tm®M; ç¬B +?9i- +¬ ç½ +| i? K
M?QM; +?d p" B ;B•v- `²B H¢B M?„K i`i K„i ?¬M K X

«M; >¢ p¨ >¢ æ¬M; ok Km®M Î H¢B- i? v T?B M M? m +?, K b!+ >¢ hmv i .mv M pb
h¬-M h`bM?X

óE?¬M; b Q ¸•m- #€+ +ÁM T?ªB ¸B H¨K- æ¬M; ok +ÁM ¸B ?¼+- +?€m H¢B F?¬M;
i?•M i?B i- #€+ +S v M i•K p M?¨M; ?d M; ÆB ¸B- +?€m +?, K hmv i .mv M ¸QÊ+ K¨
p - +ÁM /9B +?Q >¢ æ¬M; ok Qi iB M ¸ p t2X óJ¼B +?mv M Î M?¨2K +® i?m t T M

ó.¢- H¨K T?B M M? [m€5ô >¢ æ¬M; ok +9B ¸-m +?¨QX

Zm v H¢B M;²B +¢M? ;BQÌM; # M?- h¬-M h`bM? M„K H'v #¨M i v M?Ä M?„M +O >¢
K„i ` - €M? ¸B M [m€ +?¡B F?B M +¬ M?2Q K„i H¢B- ¸Q +€M? i v ¸ M; ¸QÊ+ h¬-M

h¬-M h`bM? iBM? w HB M +?¢v ¸B i„i ¸ M HÈM- +?d ¸ H¢B +•v ¸ M KÌ # M +¢M? ;E

óæÐ ?ÆM +?9i M¨Q F?¬M; \ M? ¸B Km +?Q 2K Qi +?€Q M?û5ô h¬-M h`bM? +9B K

>¢ hmv i .mv M F?¬M; i`ª HÌB- K¬B +¬ F?¬ +SM; ¸ M M´B bS+ HU+ v m Èi +O +¬ F

oW KÎ K„i ` - ?bM?ªM? ¸-m iB M ¸¨T p¨Q K„i H¨ h¬-M h`bM? F?B M +¬ Km®M M´
KbM? F?¬M; M M Î ¸•v- +¨M; F?¬M; M M M?bM i?´v #° /¢M; +? i /Î M¨v +O +¬X *¬
bS+ ¸•m K¨ +¬m tBM HÁM; i?QÆM; t¡i +O M?X

óo"v 2K M; O ¸B- F?B M¨Q ¸¡B +?Q M? #B i5ô h¬-M h`bM? ¸„T H¢B K M +?Q +¬- H
#¬M; i?'K MQÊ+ +?'K H M K¬B +¬X

æ¬B K¬B F?¬ F?®+ ¸QÊ+ i? K MQÈ+ i?b KÎ ` - M?QM; +¬ +?ŠM; Km®M M¡BX *?C
Km®MX

> B ?¬K b m- M?B i ¸° +O +¬ ;BªK /¬M- bS+ HU+ +kM; H'v H¢B ¸¬B +?9i M M iÄ `

E?B # p¨ 2K i` B p¨Q i?,K- +¬ pšM H¨ ¸S +QM; €B M; Q M- H¨ M; QÌB +?` i`QÎM; i?
h`bM?- +¬ KÈB i`Î M M +°+ +^MX J¼B i?S M? K M; ¸ M +¬ ¸ m ?Q†+ H¨ MûK ¸B ?

«M; >¢ p¨ >¢ æ¬M; ok i?'v H¢- M?QM; M; ?o pb +¬ ¸ M; # M? M M F?¬M; ?ÄB HQ /
`ä p¨ •K i?-K +?`m ¸UM; X

óG-M M¨v ¸Ð ?ÆM H-M i`QÈ+ ¸'v5 "€+ bo M¡B ? B ?¬K M[ H¨ +?` ¸QÊ+ tm'i pB M
K¨5ô >¢ æ¬M; ok +QÌB HÈM- M?QM; M; v F?B #` +?` ;€B M?bM K°i +€B HB M BK #

>¢ hmv i .mv M M?bM ¬M; >¢- ?û KÎ ¸¬B K¬B M?Êi M?¢iX ó" - +QM M?"M ¸QÊ+ ;B

?¼+ E`²BX L;QìB i #ªQ +m®B i?€M; H M H`K i?O iK+ ç,M; FQ5ô *¬ +® MÎK°i MK

*ª¬M; >¢ p` +”m >¢ ç m iÄ` KWM; `Ð F?¬M tB i- M?QM; pW M;?o iÈB F?QªM iB
+QM ;€B çB ?¼+ -¬M; >¢ H¢B i?’v M†M; HÁM;X

>¢ hmv i .mv M M?bM` i•K bU +O # - +¬ i?O i?d, ó” çWM; HQ [m€- K #ªQ b) ;Y
+QM ?¼+ ;BÄB M?Q p”v- +?„+ b) FB K çQÊ+ ?¼+ #´M; i?¬B5ô

h`QM; ç¬B K„i ?^M`ä /’m p i +O i?ìB ;B M- M?[M; p i M?,M HQ H„M; i` M ;QÆM;
«M; [m v K†i b M; +?¶ F?€+- MûM /ÁM; MQÊ+ K„iX

h`-M h`bM? ç°i M?B M H M iB M;X ó*¬M; iv +O # M? +| M?”M i?U+ i”T bBM?- H
+| i? ç,M; FQ i?Y5ô

«M; >¢ M;?2 i? i?b KWM; `Ð- ?ÄB M? çO i?S- iW [mv i`bM? ç,M; FQ +?Q ç M T
.mv M +ªK i?’v +?€M ;?ûi M M H’v +Ê Km®M M^K M;?d ç çm´B K¼B M;QìB` M;Q`

æ M i®B- h`-M h`bM? i9+ i`U+ # M +¢M? hmv i .mv M- pb +¬ F?¬M; +?’m ,M M M
+¬ ,M +?Q #^M; çQÊ+X

> B M;QìB F?¬M; B M¡B ;b pÈB BX *?Q ç M i”M F?mv - h`-M h`bM? M;²B # M +¢
ç½ M;O ? v +?Q - pb M? ;¼B +¬ K’v H-M K” +¬ F?¬M; i`ª HìB- ?Q†+ H” +¬ +® ibM

ó>¢ hmv i .mv MX L m 2K +ÁM i?S+- H`K ÆM M;²B /”v M;?2 M? M¡B çQÊ+ F?¬M
M? F?~M i?B i- M?QM; +¬ pšM M^K BK F?¬M; M?9+ M?Q+?X

h`-M h`bM? FB M M?šM çÊB i? K MY iB M;- i?’v +¬ pšM +® +?’T M?Q p”v- M? H
i? K- M M ç H€i?Q H M #”M-`²B H†M; H) #QÊ+ çBX

L?QM; h`-M h`bM? F?¬M; #B i- +¬ i?U+ bU ç½ M;O`²BX

a€M; ?¬K b m- b m F?B çQ K„i tmM; [m M? ibK F?¬M; i?’v h`-M h`bM?- >¢ hmv
S?€i ?B M +| H€i?Q ç†i i` M #”M- M;Q”B #b ç i M +¬- M M +¬ KÎ` t2KX

ö>¢ hmv i .mv M5

*?”Q #m´B b€M;- +¬ ;€B #QÈM; #dM? +O M?X h?U+` M? +|`i M?B m +?mv M
H¢B +?9i Fd MB K tQ pÈB 2K- M?QM; t2K` 2K F?¬M; Km®MX

>¬K M v M?È ,M M?B m K°i +?9i- M? M?ì v i€ K M; +?€Q p”Q +?Q 2K`²B-`€M; ,M

o" +ÁM iB id i?S M? Km®M /†M /Á M?„+ M?Î 2K- M?QM; i?ìB ;B M ?¢M ? T- M? F

oÈ p~M p"v çO `²B- M? p"Q p'M ç +?QM? ç•v5

>¢ hmv i .mv M +O M? i?•M K M5 1K ?ÄB M? t2K 2K H" ;b +O M?\ M? i`ª HìB
M? M;?o M? #B i Hw /Q i¢B b QX L?QM; M? tBM H¶B- M? F?¬M; i? iB M t ?Æ

1K +! ;B"M M? +kM; +?`m- pb 2K +?Q ?B m `ä ibM? +ªK +O KbM? ç'v i?¬B5 a m
` v m M? H" [mv i ç`M? b B H-K- p" Î # M +¢M? M? H" çB m 2K ?®B ?"M M?'iX

1K +ÁM M?Ä- b) +ÁM ;†T M?B m M;QìB i®i ?ÆM M?- çWM; pb çQÊ+ M;QìB F?€+
ibM? v m- çB m ç! F?¬M; i®i +?Q 2KX

M? i?W M?"M- #ªM i?•M +! i?Q+? 2K- M?QM; M! +?d /WM; H¢B Î ç!- F?¬M; ?ÆM
b) F?¬M; +ªK M?"M çQÊ+ ?¢M? T?9+- M? F?¬M; i? K M; H¢B çB m ç! +?Q 2KX E
M?- 2K i`€+? M?- F?¬M; b Q +ª- `²B b m M"v 2K b) M?"M ` - HQ /Q i¢B b Q M? i

o" F?B 2K ç¼+ H€ i?Q M"v- M? ç½ çB `i t `²B- F?¬M; +ÁM H½M; p½M; i`QÊ+ K†
M; v i?¬B5 _²B F?B p"Q æ¢B ?¼+- 2K b) v m K°i +?"M; i` B i`QM; ç°B #!M; ``K" [

æB m +m®B +MM;X >¢ hmv i .mv MX >½v ç~v M? ?Q"MiQ"M ` F?ÄB +m°+ çìB 2K

h¢K #B i +¬ ;€B- M? #B i 2K Hm¬M K¢M? K)- ?½v Hm¬M M?Q i? 5

L;`v Rk i?€M; e

h`-M h`bM?Xö

*¬ ¬K H€ i?Q p"Q M;U+- #°i F?!+ MS+ MÎ M?Q çS i` X

:†T H¢B M? m b m KQìB M,K- M? ç M`²B çB ç m #'i +?Êi M?Q i? - ? i M?Q +ÆM H

RjX *?QÆM; Ry, *?QÆM; j

>¢ hmv i .mv M `i Qi F?B #` # M?- M?QM; K°i F?B #` # M? i?b ? B im-M +kM; +?O

o" ç•v H" H-M # M? / B /ŠM; ç|X >¬K [m /¬K KQ +?Q çO- +¬ +ÁM M;•K MQÈ+ ;
a€M; M v ç½ M^K # T /Q i` M ;BQìM;X

>¢ æ¬M; ok ;ä +Y K'v H-M K" +¬ F?¬M; ` KÎ- M M ç" M? iU w t¬M; p" QX ó\*?`5 ."v
? B +?` 2K KbM? +MM; Km K|M [m" çB5ô æ¬M; ok H v M?QM; >¢ hmv i .mv M F?
i?QìM; +¬ +?ŠM; # Q ;Bì M;O MQÈM;- p"v K" ?¬K M v H¢B M^K Hb î ç| - ç9M; H" +?

>¢ æ¬M; ok H v i? K K'v H-M M[- i?'v +¬ F?¬M; M?9+ M?Q+?- KÈB +?"K`½B FûC
*"m M?|+`mM`~v çQ i v H M KkB +?`- +ªK M?"M +ÁM ?ÆB 'K T?€i` KÈB i?Î T?"C
H"TiS+ T?€i ?B M ibM? i`¢M; +?ŠM; K'v F?ª [m M +O +?`- # M ;¼B ?"M; t|K iÈB

¬ Gw #„i i tB- ¬K >¢ hmv i .mv M ç M # M? pB MX ó?€m î M?" +QB F?| +Y +~M
#° [m-M €Q-`²B +® HB M H¢+ pÈB M;QìB HÈMX hbM? ?bM? i? M"Q +¬ ;¼B #€Q +
Gw /†M /Á id Kd çO i?S- #ªQ >¢ æ¬M; ok çWM; [m€ HQ H„M;- T?ªB #bM? ioM? b„T
`²B ?ŠM p"Q pB MX >¢ æ¬M; ok +?ŠM; M;?2 HìB B- p"v K" H-M M"v H¢B H"K i?2Q

"€+ bo F?€K +?Q +¬ +?~M çQ€M`^M; +¬ +?d #`b®i- F K i?2Q #B m ?B M +O bmv
+¬ Gw H"K ;B'v iì M?"T pB MX

ob T?ªB çB M K°i b® i?¬M; iBM +-M i?B i ç H"K t€+ M?"M #ªQ ?B K- K" +¬ Gw H
çB M +?Q >¢ æ¬M; okX

ó*| K°i b® i?¬M; iBM +¬ F?¬M; #B i`ä- +?€m t2K +| B [m2M F m ?¼ ç M # M? pB M
i ?®B /[H„K5ô

ó*?€m pšM +?Q HB M H¢+ çQÊ+ pÈB # +?€m- F?¬M; #B i T?ªB H"K b Q M[5 *¬ #
pB M i`QÊ+-`²B +?€m +?¢v H M HB M5ô >¢ æ¬M; ok HQ H„M;- M;„i K€v ;¼B +?Q
ç M ;Bì K" pšM F?¬M; HB M H¢+ çQÊ+- K + "m i?b î [m€ t - +| ;¼B +kM; +?d F?B M

æ9M; H9+ +Sm iBM? tm'i ?B MX >¢ æ¬M; ok i`¬M; i?'v h`-M h`bM? çSM; i`QÈ+ +'

ó*?9 T?M ?°5 J v [m€5 M? K m ç M # M? pB M ?mv M HB M çB- ;B9T +?` 2K pÈB
;€TX

h`-M h`bM? F?¬M; ?B m +| +?mv M ;b ç M; tªv` X M? i`'M M >¢ æ¬M; ok`²B ?ÄB
M;?2 tQM;- M? H"TiS+ t€+? i?2Q i9B ç² >¢ æ¬M; ok +?m~M #`b€M- H2Q H M t2

h?2Q HìB +O >¢ æ¬M; ok- M? ibK ç M +?¶ #~M i?O iK+- ibK M;QìB i M H" Gw h?
M? +?"Q ?ÄB [m HQ - F ç| H"K i?O iK+ M?"T pB M +?Q >¢ hmv i .mv MX

*¬ Gw /šM M? ç M +?¶ ;BQìM; # M? +O >¢ hmv i .mv MX h?'v +¬ M^K +?mM; ;BC
M[F?€+- #'i idM? F?¬M; #B i ;b- /•v /Ê i?b +„K iMK HmK i` M M;QìBX M? +ªK

+?mv M +¬ b M; M^K T?ÁM; ç†+ #B i- /M +?B T?Q +| ?ÆB ç„i K°i iQ- M?QM; M;Qì

ó*”m H” ;b +O +QM #û\ô *¬ Gw ?ÄBX

ó*?€m H” X X X M? ?¼ +O 2K ’v5ô h`-M h`bM? ’T 9M;X

óh? î H¢B +?,K b|+ M| M?û- +¬ +ÁM +| pB +- T?ªB p i`QÊ+X *| +-M ;B9T ;b i?b
h`-M h`bM? ;”i ç-m pËB +¬ GwX

a m F?B iB M +¬ Gw p - h`-M h`bM? [m v i`î H¢B T?ÁM; # M? +O >¢ hmv i .mv M-
;BQìM; +¬X

*?d b m K°i ç K- ;QÆM; K†i +¬ iB m iKv- M?Êi M?¢i ?ŠMX M? iU i`€+? #ªM i?•M
/-K KQ p K°i KbM? M?Q i? X ”•v ;Bì M? +?ŠM; #B i H”K ;b M;Q”B pB +i9+ i`U+

>¢ hmv i .mv M Kî ç¬B K„i M†M; i`om ` - M?QM; +® ? i bS+ +kM; +?d ?û çQÊ+ M[
KbM? ç M; î ç•m- +?d +ªK i?’v `’i `’i H¢M?- +ª +Æ i? M?Q #` ç¬M; +SM;- Km®M
+kM; F?¬M; çQÊ+X *?ŠM; # Q H•m b m +¬ ç½ #` +ÆM K i KÄB ç€M? ;K+ i`î H¢BX

E?QªM; M[iB M; b m- >¢ æ¬M; ok ?Èi ?ªB +?¢v ç M- i?2Q b m H” ¬M; >¢X

ó*?’5ô >¢ æ¬M; ok pW ç M ç½ ;¼B +?’- ç M # M ;BQìM; M„K H’v #”M i v M|M; ?’B

ó”€+ bo M|B +QM #û #` H”K b Q\ô «M; >¢ M?bM h`-M h`bM?- ?”M; H¬M; K”v +? m
i`€MX

óa®i + Q- bmv M?QÊ+ i?¬M FBM?5ô h`-M h`bM? i`ª HìB- K„i M? pšM F?¬M; `ìB F

ó>¬K [m +QM i?’v +?’ H¢ H„K- ç°B KQ p - tQM; H¢B +ÁM F?|+ i`QM; T?ÁM; i„K
F?B M”Q +?’ ’v i?B i`QÊi M M ?”M? ?¢ #ªM i?•M F?¬M;\ô >¢ æ¬M; ok M?bM ¬M;
H MX L; v +ª #ªM i?•M +”m +ÁM F?¬M; iBM bmv Hm”M +O KbM?- M|B ;b ç M M;Qì

óh?^M; çB M5ô «M; >¢ +®+ ç-m >¢ æ¬M; ok- ó*| K”v `Èi i?b ç9M;- +?’ K”v ?¼+ ;B
”5 *QM pËB +€BX *?d ;BÄB K9 KB M;5ô «M; >¢ ç~v +QM i` B ` +?¶ F?€+- M;²B p
+QM ;€B FB K i` M?B i ç°X óa Q H¢B b®i + Q i? M”v5ô

ó”€+ çWM; HQ [m€- #€+ bo M|B K v K” çQ p”Q F`T- M^K pB M p”B ?¬K H” p çQÊ
s€+? i9B ç² +O >¢ hmv i .mv M #Ä p”Q iO- `²B ç|M; H¢BX

ó*?€m F?¬M; #B i ç’v i?¬BX *QM #û K” ç½ # M? H” M^K MY i?€M; +kM; +?Q +?„+

HQ çQÊ+\\ô «M; it+ HQÐB- t|i t pm®i i|+ +QM ;€BX

æ M ; -M i®B- +ÆM b®i +O >¢ hmv i .mv M ;BªK tm®M; ç¬B +?9i- +¬ ç½ +| i? K
M?QM; +?d p¨B ;B•v- `²B H¢B M?„K i`i K„i ?¬M K X

«M; >¢ p¨ >¢ æ¬M; ok Km®M Î H¢B- i? v T?B M M? m +?,K b|+ >¢ hmv i .mv M pb
h¬-M h`bM?X

óE?¬M; b Q ç•m- #€+ +ÁM T?ªB çB H¨K- æ¬M; ok +ÁM çB ?¼+- +?€m H¢B F?¬M;
i?•M i?B i- #€+ +S v M i•K p M?¨ M;?d M;ÆB çB- +?€m +?,K hmv i .mv M çQÊ+ K¨
p - +ÁM /9B +?Q >¢ æ¬M; ok Qi iB M ç p t2X óJ¼B +?mv M Î M?¨ 2K +® i?m t T M

ó.¢- H¨K T?B M M? [m€5ô >¢ æ¬M; ok +9B ç-m +?¨QX

Zm v H¢B M;²B +¢M? ;BQÌM; # M?- h¬-M h`bM? M„K H'v #¨M i v M?Ä M?„M +O >¢
K„i ` - €M? çB M [m€ +?|B F?B M +¬ M?2Q K„i H¢B- çQ +€M? i v ç M; çQÊ+ h¬-M

h¬-M h`bM? iBM? w HB M +?¢v çB i„i ç M HÈM- +?d ç H¢B +•v ç M KÌ # M +¢M? ;E

óæÐ ?ÆM +?9i M¨Q F?¬M;\\ M? çB Km +?Q 2K Qi +?€Q M?û5ô h¬-M h`bM? +9B K

>¢ hmv i .mv M F?¬M; i`ª HÌB- K¬B +¬ F?¬ +SM; ç M M´B bS+ HU+ v m Èi +O +¬ F

oW KÎ K„i ` - ?bM?ªM? ç-m iB M ç¨T p¨Q K„i H¨ h¬-M h`bM? F?B M +¬ Km®M M´
KbM? F?¬M; M M Î ç•v- +¨M; F?¬M; M M M?bM i?'v #° /¢M; +? i /Î M¨v +O +¬X *¬
bS+ ç•m K¨ +¬m tBM HÁM; i?QÆM; t|i +O M?X

óo"v 2K M;O çB- F?B M¨Q ç|B +?Q M? #B i5ô h¬-M h`bM? ç„T H¢B K M +?Q +¬- H
#¬M; i?'K MQÊ+ +?'K H M K¬B +¬X

æ¬B K¬B F?¬ F?®+ çQÊ+ i? K MQÈ+ i?b KÎ ` - M?QM; +¬ +?ŠM; Km®M M|BX *?C
Km®MX

> B ?¬K b m- M?B i ç° +O +¬ ;BªK /¬M- bS+ HU+ +kM; H'v H¢B ç¬B +?9i M M iÄ `

E?B # p¨ 2K i` B p¨Q i?,K- +¬ pšM H¨ çS +QM ;€B M;Q M- H¨ M;QÌB +?` i`QÎM; i?
h`bM?- +¬ KÈB i`Î M M +°+ +^MX J¼B i?S M? K M; ç M +¬ ç m ?Q†+ H¨ MûK çB ?

«M; >¢ p¨ >¢ æ¬M; ok i?'v H¢- M?QM; M;?o pb +¬ ç M; # M? M M F?¬M; ?ÄB HQ /
`ä p¨ •K i?-K +?`m çUM;X

óG-M M"v çÐ ?ÆM H-M i`QÊ+ ç'v5 "€+ bo M!B ? B ?¬K M[ H" +?`çQÊ+ tm'i pB M
K"5ô >¢ æ¬M; ok +Q!B HÊM- M?QM; M; v F?B #` +?` ;€B M?bM K°i +€B HB M BK #

>¢ hmv i .mv M M?bM ¬M; >¢- ?û KÎ ç¬B K¬B M?Êi M?¢iX ó" - +QM M?"M çQÊ+ ;B
?¼+ E `²BX L;Q!B i #ªQ +m®B i?€M; H M H"K i?O iK+ ç,M; FQ5ô *¬ +® MÎ K°i MK

*ª¬M; >¢ p" + "m >¢ ç m iÄ ` KWM; `Ð F?¬M tB i- M?QM; pW M; ?o iÈB F?QªM iB
+QM ;€B çB ?¼+ - ¬M; >¢ H¢B i?'v M†M; HÁM;X

>¢ hmv i .mv M M?bM ` i•K bU +O # - +¬ i?O i?d, ó" çWM; HQ [m€- K #ªQ b) ;Y
+QM ?¼+ ;BÄB M?Q p"v- +?„ + b) FB K çQÊ+ ?¼+ #´M; i?¬B5ô

h`QM; ç¬B K„i ?^M `ä /'m p i +O i?!B ;B M- M?[M; p i M?,M HQ H„M; i` M ;QÆM;
«M; [m v K†i b M; +?¶ F?€+- MûM /ÁM; MQÊ+ K„iX

h`-M h`bM? ç°i M?B M H M iB M;X ó*¬M; iv +O # M? +! M?"M i?U+ i" T bBM?- H
+! i? ç,M; FQ i?Y5ô

«M; >¢ M; ?2 i? i?b KWM; `Ð- ?ÄB M? çO i?S- iW [mv i`bM? ç,M; FQ +?Q ç M T
.mv M +ªK i?'v +?€M ;?ûi M M H'v +Ê Km®M M^K M; ?d ç çm´B K¼B M;Q!B ` M;Q

æ M i®B- h`-M h`bM? i9+ i`U+ # M +¢M? hmv i .mv M- pb +¬ F?¬M; +?`m ,M M M
+¬ ,M +?Q #^M; çQÊ+X

> B M;Q!B F?¬M; B M!B ;b pÈB BX *?Q ç M i" M F?mv - h`-M h`bM? M;²B # M +¢
ç½ M;O ? v +?Q - pb M? ;¼B +¬ K'v H-M K" +¬ F?¬M; i`ª H!B- ?Q†+ H" +¬ +® ibM

ó>¢ hmv i .mv MX L m 2K +ÁM i?S+- H"K ÆM M;²B /"v M; ?2 M? M!B çQÊ+ F?¬M
M? F?~M i?B i- M?QM; +¬ pšM M^K BK F?¬M; M?9+ M?Q+?X

h`-M h`bM? FB M M?šM çÊB i? K MY iB M;- i?'v +¬ pšM +® +?'T M?Q p"v- M? H
i? K- M M ç H€i?Q H M #¨M- `²B H†M; H) #QÊ+ çBX

L?QM; h`-M h`bM? F?¬M; #B i- +¬ i?U+ bU ç½ M;O `²BX

a€M; ?¬K b m- b m F?B çQ K„i tmM; [m M? ibK F?¬M; i?'v h`-M h`bM?- >¢ hmv
S?€i ?B M +! H€i?Q ç†i i` M #¨M- M;Q¨B #b ç i M +¬- M M +¬ KÎ ` t2KX

ö>¢ hmv i .mv M5

*?¨Q #m´B b€M;- +¬;€B #QÈM; #dM? +O M?X h?U+` M? +|`'i M?B m +?mv M
H¢B +?9i Fd MB K tQ pÈB 2K- M?QM; t2K` 2K F?¬M; Km®MX

>¬K M v M?È ,M M?B m K°i +?9i- M? M?l v i€ K M; +?€Q p¨Q +?Q 2K`²B-`€M; ,M

o¨ +ÁM iB id i?S M? Km®M /†M /Á M?„+ M?Î 2K- M?QM; i?lB ;B M ?¢M ? T- M? F

oÈ p~M p¨v çO`²B- M? p¨Q p'M ç +?QM? ç•v5

>¢ hmv i .mv M +O M? i?•M K M5 1K ?ÄB M? t2K 2K H¨;b +O M? \ M? i`ª HlB
M? M;?o M? #B i Hw /Q i¢B b QX L?QM; M? tBM H¶B- M? F?¬M; i? iB M t ?Æ

1K +|;B¨M M? +kM; +?`m- pb 2K +?Q ?B m`ä ibM? +ªK +O KbM? ç'v i?¬B5 a m
` v m M? H¨ [mv i ç`M? b B H-K- p¨Î# M +¢M? M? H¨ çB m 2K ?®B ?¨M M?'iX

1K +ÁM M?Ä- b) +ÁM ;†T M?B m M;QlB i®i ?ÆM M?- çWM; pb çQÊ+ M;QlB F?€+
ibM? v m- çB m ç| F?¬M; i®i +?Q 2KX

M? i?W M?¨M- #ªM i?•M +| i?Q+? 2K- M?QM; M| +?d /WM; H¢B Î ç| - F?¬M; ?ÆM
b) F?¬M; +ªK M?¨M çQÊ+ ?¢M? T?9+- M? F?¬M; i? K M; H¢B çB m ç| +?Q 2KX E
M?- 2K i`€+? M?- F?¬M; b Q +ª-`²B b m M¨v 2K b) M?¨M` - HQ /Q i¢B b Q M? i

o¨ F?B 2K ç¼+ H€ i?Q M¨v- M? ç½ çB`'i t`²B- F?¬M; +ÁM H½M; p½M; i`QÊ+ K†
M; v i?¬B5 _²B F?B p¨Q æ¢B ?¼+- 2K b) v m K°i +?¨M; i` B i`QM; ç°B #|M;`´K¨ [

æB m +m®B +MM;X >¢ hmv i .mv MX >½v ç~v M? ?Q¨M iQ¨M` F?ÄB +m°+ çlB 2K

h¢K #B i +¬;€B- M? #B i 2K Hm¬M K¢M? K)- ?½v Hm¬M M?Q i? 5

L;¨v Rk i?€M; e

h`-M h`bM?Xö

*¬¬K H€ i?Q p¨Q M;U+- #¨i F?|+ MS+ MÎ M?Q çS i`X

:†T H¢B M? m b m KQlB M,K- M? ç M`²B çB ç m #'i +?Êi M?Q i? - ? i M?Q +ÆM H

R9X *?QÆM; RR, *?QÆM; 9

L?B m M,K b m ç!- [m^a i?U+ >¢ hmv i .mv M pšM b®M; i®i- M?[M; FQ S+ p h`-M
M?B mX a€m M,K- M!B /`B +kM; F?¬M; /`B- M!B M;„M +kM; F?¬M; M;„MX

"^M; K°i bU K v K„M M"Q ç!- +¬ ç½ çQÊ+ M?"M p"Q ç•v- p"Q #° T?"M /`+? i?m"i +O

óL`v5 L;?2 M!B ?¬K M v b T KÈB ç M i?,K T?ÁM; +?9M; i ç`v5ô

óL;?2 M!B ç•v H` +¬M; iv i?S KQ!B # K`i" T çQ`M :1JJ i?•m i!KXô

ó*€+ #° T?"M FB M!B p` ;B€K ç®+ M`v ç T i` B H„K5ô

ô X X X ô

æ²M; M;?B T çm M? m #`M i€M +?mv M h´M; ;B€K ç®+ KÈB ;?û i?,K T?ÁM; +O #
M;?o i?-K- KÈB ? v +k +kM; p"v i?¬B- K´v M;Q!B F?2M M;Q!B i i?b +kM; H`K M?
#Èi çQÊ+ pB + i?b +?` ç•v b) F?2M ç M`KM; HQÐB Hm¬MX

>" JšM L?m b m F?B bBM? +QM ç½ çB H`K i`Í H¢B- ibM? +ªK pÊ +?²M; pšM M„M; K
F?B M F?®B M;Q!B ;?2M i`- i`QM; ç! +! >¢ hmv i .mv MX

óL`v- G•K >B M +! 2K i` B F?¬M; \ "ªQ + "m i K B K®B +?Q i¬B çB5ô *¬ M!B- /MM; €

óL;Q!B i +ÁM +?Q çO im´B i?"M? MB M ç•m ç`v5 \*"m Km®M i?"M? v m `•m t M?`
HB + M?bM F?BM? #dX ó*! i? K Km®M i?b M?ªv p"Q HÁM; ¬M; b T KÈB çB Fb - #
F?´5ô

G!B pW M!B tQM;X h?b #®M # BK „M;X h´i +ª ç²M; HQ¢i +?¢v ` +Y t T ? B ?"M
p` hmv i .mv M +kM; T?ªB H`K i?2QX

ó:B€K ç®+ b„T iÈB- K¼B M;Q!B #B m ?B M +?Q i®i- M m i®i +?9M; i b) çQÊ+ /¼M
b¢+? b) ?ÆM M[X *® H M5ô *?` h? M?- M;Q!B +! i?•K MB M H•m M?´i- H M iB M;

h´i +ª +MM; ç²M; i? M? ç€T H¢B H!B +?` ´vX

o` ;B•v T?9i KQM; çÊB +kM; ç MX hW ç^M; t - K¼B M;Q!B ç½ i`¬M; i?´v p` :B€K ç
i`!B- F?B i? ?WM; ?U+- #QÊ+ +?•M p[M; p`M; - /€M; /`T p[M; +?½BX X X o` +ÁM
+Q!B ´K €TX X X `i ´K €TX

>¢ hmv i .mv M #` ;QÆM; K†i FB H`K +?Q FBM? ?½BX " Q M?B m M,K i`!B- +m®
i? M`vX \*¬ F?¬M; çO + M çªK ç ç®B /B M pÈB M?- pÈB M;Q!B ç`M ¬M; +¬ ç½ +®
ç m #KM; +?¢v p"Q M?" p bBM?- Í Hb i`QM; ç! ;¬M ? B iB M; ç²M; ?²X

E?B i?´v K´v ç²M; M;?B T M[p"Q M?" p bBM?- tb t-K iQ M?Ä p h`-M h`bM?- +¬ H
+¬- ?¼ HB M M!BX ó*?` hmv i .mv M- H9+ M½v :B€K ç®+ KÈB i†M; [m` +?Q K¼B
ç! M? - iB + H` +?` F?¬M; +! K†i5ô

*¬ tm i v- óE?¬M; b Q- i¬B +ÁM F?Ä25ô

h`QM; T?ÁM; H`K pB +- +! i? M!B >¢ hmv i .mv M H`M;Q!B T?K M[;¬M # KQÆB
M? +?"M; +! w H`K [m2M M?QM; +¬ i?šM; iQM?- iW +?®B M; v- i? H`K°i KbM? iÈ
+¬ i?´v B +kM; +-K i` M i v #`+? i?m®+ #´- ?¼ F?2M H´v F?2M ç p` h´M; :B€K ç®

ó!®M; çB M`v5ô >" JšM L?m çQ +?Q +¬ K°i i9B- M!B i? KX óL?" KbM? M?B m H„K
M;€M H„K`²B5ô

ó*¬ ç M; F?Q2 +?²M; ? v F?Q2 ;B bªM ç•v\ô >¢ hmv i .mv M HQ!K JšM L?mX

óG9+ M½v b Q H¢B i`®M\ô

*•m ?ÄB +O >¨ JšM L?m F?B M +¬ ;B"i KbM?X S?ªB `²B- ?¼ i?•M M? m M?Q i? - b
 ` M¶B MB K +O +¬ çQÊ+X
 óL m i¬B M¡B p` h´M; :B€K ç®+ KÊB +O +?9M; i p¨ i¬BX *¡ [m2M #B i M? mX *
 .mv M M?bM JšM L?m- ;ä ;ä i v tm®M; #¨MX
 óE KbM? M;?2 çB5ô >¨ JšM L?m FûQ ;? H¢B ;¬M hmv i .mv M- p K†i M;?B Ki9+
 o"v H¨ >¢ hmv i .mv M F iQ¨M #° +?Q JšM L?m M;?2X
 óS?S+ i¢T [m€5 L m M? i F?¬M; i?Q+? +"m- i?b b Q H¢B Km +¬M; iv +?9M; i \
 i¡K +"m b Q\ô JšM L?m ?ÄBX
 ôE?¬M; #B i- M?QM; i¬B F?¬M; Km®M ;†T M? 'v- K¨ F?QªM; i?ÌB ;B M

R8X *?QÆM; RR, .¨M? *ª h? M? sm•M æ u m B æ|

L?B m M,K b m ç| - [mª i?U+ >¢ hmv i .mv M pšM b®M; i®i- M?[M; FQ S+ p h`-M
M?B mX a€m M,K- M|B /¨B +kM; F?¬M; /¨B- M|B M;„M +kM; F?¬M; M;„MX

¨M; K°i bU K v K„M M¨Q ç| - +¬ ç½ çQÊ+ M?“M p¨Q ç•v- p¨Q #° T?“M /¨+? i?m¨i +O

óL¨v5 L;?2 M|B ?¬K M v b T KÈB ç M i?,K T?ÁM; +?9M; i ç'v5ô

óL;?2 M|B ç•v H¨ +¬M; iv i?S KQ|B # K¨i¨T çQ¨M :1JJ i?•m i|KXô

ó*€+ #° T?“M FB M|B p` ;B€K ç®+ M¨v ç T i¨ B H„K5ô

ó ó

æ²M; M;?B T çm M? m #¨M i€M +?mv M h´M; ;B€K ç®+ KÈB ;?û i?,K T?ÁM; +O #
M;?o i?-K- KÈB ? v +k +kM; p¨v i?¬B- K'v M;Q|B F?2M M;Q|B i i?b +kM; H¨K M?
#Èi çQÊ+ pB + i?b +?¨ ç•v b) F?2M ç M`KM; HQÐB Hm¬MX

>¨ JšM L?m b m F?B bBM? +QM ç½ çB H¨K i`Î H¢B- ibM? +ªK pÊ +?²M; pšM M„M; K
F?B M F?®B M;Q|B ;?2M i¨- i¨QM; ç| +| >¢ hmv i .mv MX

óL¨v- G•K >B M +| 2K i¨ B F?¬M; \ ¨ªQ +¨m i K B K®B +?Q i¬B çB5ô *¬ M|B- /MM; €

óL;Q|B i +ÁM +?Q çO im´B i?“M? MB M ç•m ç'v5 *¨m Km®M i?“M? v m `•m t M?¨
HB + M?bM F?BM? #dX ó*| i? K Km®M i?b M?ªv p¨Q HÁM; ¬M; b T KÈB çB Fb - #
F?´5ô

G|B pW M|B tQM;X h?b #®M # BK „M;X h'i +ª ç²M; HQ¢i +?¢v ` +Y t T ? B ?¨M
p¨ hmv i .mv M +kM; TªB H¨K i?2QX

ó:B€K ç®+ b„T iÈB- K¼B M;Q|B #B m ?B M +?Q i®i- M m i®i +?9M; i b) çQÊ+ /¼M
b¢+? b) ?ÆM M[X *® H M5ô *?¨ h? M?- M;Q|B +| i?•K MB M H•m M?'i- H M iB M;

h'i +ª +MM; ç²M; i? M? ç€T H¢B H|B +?¨ 'vX

o¨ ;B•v T?9i KQM; çÊB +kM; ç MX hW ç^M; t - K¼B M;Q|B ç½ i¨¬M; i?'v p` :B€K ç
i`|B- F?B i? ?WM; ?U+- #QÊ+ +?•M p[M; p¨M;- /€M; /'T p[M; +?½B o¨ +ÁM ;QÆM
'K €T `¨i 'K €TX

>¢ hmv i .mv M #` ;QÆM; K†i FB H¨K +?Q FBM? ?½BX " Q M?B m M,K i`ìB- +m®
i? M¨vX *¬ F?¬M; ¸O + M ¸ªK ¸ ¸®B /B M pÈB M?- pÈB M;QìB ¸¨M ¬M; +¬ ¸½ +¢
¸ m #KM; +?¢v p¨Q M?¨ p bBM?- Î Hb i`QM; ¸| ;¬M ? B iB M; ¸²M; ?²X

E?B i?'v K'v ¸²M; M;?B T M[p¨Q M?¨ p bBM?- tb t-K iQ M?Ä p h`-M h`bM?- +¬
+¬- ?¼ HB M M|BX ó*?` hmv i .mv M- H9+ M½v :B€K ¸®+ KÈB i†M; [m¨ +?Q K¼B
¸| M? - iB + H¨ +?` F?¬M; +| K†i5ô

*¬ tm i v- óE?¬M; b Q- i¬B +ÁM F?Ä25ô

h`QM; T?ÁM; H¨K pB +- +| i? M|B >¢ hmv i .mv M H¨ M;QìB T?K M[;¬M # KQÆB
M? +?¨M; +| w H¨K [m2M M?QM; +¬ i?ŠM; iQM?- iW +?®B M; v- i? H¨ K°i KbM? iÈ
+¬ i?'v B +kM; +-K i` M i v #`+? i?m®+ #´- ?¼ F?2M H'v F?2M ¸ p` h´M; :B€K ¸®

ól®M; ¸B M¨v5ô >¨ JšM L?m ¸Q +?Q +¬ K°i i9B- M|B i? KX óL?¨ KbM? M?B m H„K
M;€M H„K `²B5ô

ó*¬ ¸ M; F?Q2 +?²M; ? v F?Q2 ;B bªM ¸•v\ô >¢ hmv i .mv M HQìK JšM L?mX

óG9+ M½v b Q H¢B i`®M\ô

*•m ?ÄB +O >¨ JšM L?m F?B M +¬ ;B¨i KbM?X S?ªB `²B- ?¼ i?•M M? m M?Q i? - b
` M¶B MB K +O +¬ ¸QÊ+X

óL m i¬B M|B p` h´M; :B€K ¸®+ KÈB +O +?9M; i p¨ i¬BX *| [m2M #B i M? mX *
.mv M M?bM JšM L?m- ;ä ;ä i v tm®M; #¨MX

óE KbM? M;?2 ¸B5ô >¨ JšM L?m FûQ ;? H¢B ;¬M hmv i .mv M- p K†i M;?B Ki9+

o"v H¨ >¢ hmv i .mv M F iQ¨M #° +?Q JšM L?m M;?2X

óS?S+ i¢T [m€5 L m M? i F?¬M; i?Q+? +¨m- i?b b Q H¢B Km +¬M; iv +?9M; i \
i|K +¨m b Q\ô JšM L?m ?ÄBX

óE?¬M; #B i- M?QM; i¬B F?¬M; Km®M ;†T M? 'v- K¨ F?QªM; i?ìB ;B M M¨v H¢B
FB m ;b +kM; T?ªB ¸B ?¼T `²B +?¢K K†i M? 'vX h¬B F?¬M; Km®MX h?¨ +S H¨K
¸B bÈK p bÈK- Qi` F?¬M; +-M ;†T M? 'v5ô

óE?¬M; T?ªB +¨m ;B[i`BM? iB i ¸ M ;Bì H¨ pb M? 'v ?ª\ a Q H¢B Km®M i`®M\ô

ó*?Q çO + M çªK ç ;†T H¢B ô

óæWM; M?Q i? X G¨K p"v +ª ? B ç m ç m F?´X L?Q KbM? pÈB G•K >B M- +€B ;b Kb
'v F?¬M; #B i- KbM? F?¬M; M|B- ``i / i¢Q F?QªM; +€+?X h?" /Si F?Q€i K°i H-M +

>¢ hmv i .mv M BK H†M;- +¬ F?¬M; M;?o çQÊ+ ;b ç9M; ç„MX JšM L?m M|B T?ªB-
"ÎB pb F?B çSM; i`QÊ+ K†i h`-M h`bM?- +¬ H¢B i`Î M M v m çm®BX

J'v M;¨v b m ç| - +¬ Hm¬M ç M +¬M; iv iW bÈK- i M H¨K F?¬M; p M; v K¨Î H¢B +
i`QM; M;¨v- ?¬K M¨Q H¨K tQM; ? i pB + +¬ +ÁM H'v pB + +O M;Q|B F?€+ H¨K F?
?°B i?,M; +?S+ K¨ +?`h? M? ç H M- #Ä [m +ª H|B F?mv M +O >¨ JšM L?mX

L?QM; +?mv M ;b M M ç M +kM; tªv ç MX

:¬M #ªv ;B|i®B- >¢ hmv i .mv M i?m /¼M ç² ç¢+ #Ä p¨Q i9B t€+?- çSM; çÊB i? M;
*Y i? M; K€v KÎ` - M?QM; i? v pb çB p¨Q- +¬ H¢B [m v M;Q|B #Ä çBX E?QªM? F?
+¬ +ªK i?'v iBK KbM? M?Q M;WM; ç"TX S?ªB +?,M; M? H¨i?¬M +? i- ?9i +¢M ?Æ

*¬ H[M; i?[M; #QÊ+ p¨Q M?¨X J'v M,K ;¬M ç•v +¬ F?¬M; +ÁM Î pÈB # M[K¨ /¼M
.M p"v M?QM; +m®B im¬M M¨Q +¬ +kM; +?¢v t2 p i?,K # p¨ 2K i` BX

oW ç†i HQM; tm®M; ;BQ|M;- +¬ M; v H"TiS+ FûQ iO- H¬B iW ç€v H M K°i H€i?Q
+€T ;?BK p¨Q iBK +¬X

óa Q H¢B tm'i ?B M i`QÊ+ K†i 2K\ a Q F?¬M; #B M K'i Hm¬M çB\ a Q H¢B [mv M`
H€i?Q- `²B #¨i F?|+ - `²B Q€M i`€+? - `²B K M; MQÊ+ K„i +?bK p¨Q ;B'+ M;OX

am®i b€m M,K [m - ç K M¨Q +¬ +kM; ¬K F?mM;ªM? +?S H€i?Q +O h`-M h`bM? K
?°K M? +O KbM?X L?B m ç K v m HÁM;- +¬ pW m®M; `QÊm pW F?|+ - i`QM; p¬
h`bM?X \*| K°i i?|B ;B M +¬ ;¬M M?Q M;?B M `QÊm- ç K M¨Q +kM; m®M; +?d pb K
a m ç| - F?B +ÆM ç m /¢ /¨v ?¨M? ?¢- +¬ KÈB +?`m #Ä `QÊm- +kM; iW #Ä Hm¬M h`
M?ûi /QÊB ç€v iO- +| H) F?¬M; M?bM i?'v b) i®i ?ÆMX

L;¨v ?¬K b m- >¢ hmv i .mv M çB H¨K ``i bÈK- p¨ H¢B +?¢K K†i h`-M h`bM?X

hW i®B ?¬K [m - b m F?B ;†T H¢B >¢ hmv i .mv M- M? +| ?ÆB ;B"i KbM?X *m®B
iWM; ç| M,K- +m®B +MM; M? ç½ +| i? ;†T H¢B +¬- +| i? v m p¨ ç|M M?"M ibM? +

h¢B b Q M,K ç| M? #Ä çB p¨ F?¬M; ç|M M?"M ibM? +ªK +O +¬\ ob ``i M?B m Hw
M?" ç½ #` # M? çm´B b M; S?€T H¨K pB +- K M? H¢B ç M; +?[ i`¨mM; i?Q- K
H9+ ç| M? ç²M; w v m +¬- ?¼ +?„+?„M b) v m t - K¨ v m t i?b ``i F?| # Mc +?Q M
J†+ /M #B i H¨K M?Q p"v +| i? b) K'i +¬ K½B K½B- M?QM; M? pšM H¨K- pb i?'v

?¢M? T?9+X

a€M; M v M? /"v iW bÊK- bY bQ¢M +?dM +?m `²B ¸ M +¬M; iv M; vX M? ¸Q€M +
Î +Y i? M; K€vX

>¢ hmv i .mv M M?bM M?- +¬; €B +O M? i`QÎM; i?"M? `²B- tBM? ¸ T p" F?¬M M
`Ki` K¶B F?B ;†T M? pšM +ÁM H¢B ¸|X

ó*?"Q 2K5ô h`-M h`bM? KÎ HÌB- KdK +QÌB pÈB +¬X

h? v pb +?"Q H¢B- +¬ +?d ;"i ¸-m `²B #QÈ+ p"Q i? M; K€vX h`-M h`bM? +MM; M?

*¬ ¬K +?†i t'T i" B HB m i`QÈ+ M;U+- K„i M?bM +?^K +?^K p"Q +QM b® ¸ M; i,M; /
+^K ;B€+ M"v F?¬M; / +?"m +?9i M"QX

óh®B M v 2K +| ? M F?¬M;\ô M? H¢B #„i +?mv MX

óE?¬M;X L?QM; +QM +?| +O 2K Î M?" F?¬M; B +?,K- M M 2K T?^B p +?,K M|Xô
?"B HÁM; pÈB +•m i`^a HÌB +O KbM?X

óo"v i®B M v ¸B ,M +ÆK +MM; M? M?û5ô M? HÌ ¸B +•m i`^a HÌB t'+ tQÈ+ +O +¬X

óoÊ +QM M? Î M?" HQ H„M; ¸'v5 E?¬M; +-M +^K i?'v +| H¶B pÈB 2K ¸•mX 1K [m2
+® ibM? M?'M K¢M? # +?[+m®B +MM;- ¸9M; H9+ +Y i? M; K€v KÎ` - +¬ HB M #Q
M?bM H¢BX

Í i`QM; i? M; K€v- i`Ê HQ M M;¢+ M?B M pÈB i?€B ¸° +O >¢ hmv i .mv MX M? #
¸®B tY ``i i®i pÈB K¼B M;QÌB- M?QM; +¬; €B pW `²B H¢B iÄ i?€B ¸° [m€ ¸€M; p
i`QÈ+ ;BÎ +?Q B /€K H`KX

ó M? F?¬M; b Q +?S :B€K ¸®+\ô GK+ M ?ÄBX

h`-M h`bM? i?Î /`B- ó*| ?ÆB ¸ m HÁM;5ô

*•m i`^a HÌB +O h`-M h`bM? F?B M GK+ M +"M; i?'i FBM? ?ÆMX G`K pB + +?Q
M;QÌB ¸"M ¬M; M"v +?Q K°i H-M H`K ;b b B i`€B ? v +| w i` m ?Q ;? Q M;mv iX
?B m- `^M; i¢B b Q K°i M;QÌB ¸"M ¬M; ¸ M; i`QM; ¸° im´B bmM; bS+ M?Q p"v H¢B
?¬K M v M? ¸½ #B i HQ /Q i¢B b Q\ ob M;QÌB +QM ;€B FB - M;QÌB F?B M h`-M h

ó*| +-M i¬B ;¼B +¬ 'v +?Q M? F?¬M;\ô GK+ M ?ÄBX

óE?¬M; +¬MX >¬K M v +”m +S p i`QË+ çB- i¬B T?ªB M|B +?mv M pËB +¬ ’v5ô h
p”M; |M; Î+’ i v- ?”M? ç°M; M”v +?Q i?’v M? ç M; [mv i i•K H”K pB + ; b ç|X

*ª M;”v H”K pB + K” ç¬m | + >¢ hmv i .mv M +S ç ç•m ç•mX *¬ Km®M ?ÄB ç²M; M;?
h`bM? ç½ +| pË +QM ;b +?Q - M?QM; ç°i M?B M ?ÄB i?b Fb [m€- i? H” +¬ +S #²M
F?B i M H”K K” K°i #ªM ?ËT ç²M; +kM; +?Q /`+? tQM;X

>ÆM #ªv ;BÌ- +¬ H i?•M ` F?ÄB +¬M; iv- i?2Q ?QËM; i`¢K t2 #mb K” çBX "¶M; M
? i M?Q #|M; K - +?ËT K„i K°i +€B HB M i?’v çSM; i`QË+ K†iX

ó*?”Q 2K5ô M? M|BX

*¬ +9B ç¬m i`€M? €M? K„i +O M?- Mû b M; K°i # M ç çB iB TX

ó>¢ hmv i .mv MXô M? ;¼B i M +¬X

"QË+ +?•M +¬ F?UM; H¢B- +ªK i?’v #ªM i?•M i?”i v m çm®BX *?d K°i +•m M|B +O
K°i €M? K„i +O M? ç½ F?B M +¬ M;WM; i?ÎX

óæB pËB M?5ô æ| `ä`”M; H” K°i K M? H M?- M?QM; M? M|B ` `’i M? M?”M;- ?
M? /”M? +?Q +¬X

h`¬M h`bM? M„K i v +¬- M? i?’v +¬ ç M; K M; ç¬B ;B”v + Q ;|i F?€ p’i pª M M +?¼
`²B ’M +¬ M;²B tm®M;X

ó" 2K pšM F?Ä2 +?S\ô M? ?ÄBX

óošM F?Ä2Xô *¬ i`ª HÌB i?2Q i?¬M; H X \*| +?9i F?| +?`m pËB bU /`m /”M; +O M?

ó1K i` B 2K i?b b Q\ô

óošM p”v5ô

óL| +| pB + H”K ´M ç`M? `²B +?S ?ª\ô

óI?K ô

ó1K i?b b Q\ô

*¬ çQ K„i M?bM M?- F?| ?B mX ó M? +| w ;b\ Jm®M ;b i?b +S M|B- 2K F?¬M; i?Q ;QÆM; K†i H¢M? i M? F?¬M; +?9i +ªK t9+X

ó1K +ÁM v m M? F?¬M;\ô h`-M h`bM? +9B K†i b€i K†i +¬- ?ÆB M•M; +^K +¬ H M K„i +¬X

*¬ +KT K„i- i`€M? MûX óE?¬M; T?ªB M? iWM; M|B ç| H`` +ªK t9+ M?'i i?lB b Q\ :B #` pÊ #Ä M M ç M i bK i¬B ç'v ``\ô

ó M? F?¬M; +| pÊXô J†+ /M #` +¬ ç v M;?B M M?QM; M? pšM FB M M?šM- iW i®M

óo"v #•v ;Bl M? ?ÄB +•m ç| ç H``K ;b\ô *¬ M?bM M? +?^K +?^K- €M? K„i ç-v ;B" M

ó M? Km®M #B iXô M? pm®i p2 ;QÆM; K†i +¬X

ó1K /"M? +ª i? M? tm•M +?d ç v m K°i KbM? M?X M? #B i M?QM; pšM H``K M;Æ +| i?'v p¬M;?o F?¬M;\ô *¬;¢i i v M?` F?ÄB K†i KbM?- çSM; /"v #Ä çB- KB M; +Ä

ReX *?QÆM; Rk, *?QÆM; 8

L;``v ?¬K b mX

>¢ hmv i .mv M F?¬M; çB H``KX >`` JšM L?m ;¼B çB M- +¬ HQlB M?€+ M;?2 K€vX ó*"m # M? ?ª\ô :B¼M; +¬ ç-v [m M i•KX

óE?¬M;X *?d H`` F?¬M; Km®M çB H``K M[5ô *¬ ?l ?[M; i`ª HlB- çSM; # M +Y b´ M óL;?d Hm¬M ?ª\ *| +?mv M ;b p"v\ô JšM L?m ?®i ?QªM;X

óæWM; HQ [m€X " i¬B ;B``²B- i¬B Km®M Î ;¬M ¬M; ?ÆM- +?šM; +| +?mv M ;b iQ ó*| TªB h`-M h`bM?X X Xô JšM L?m M;"T M;WM;X óL m pb M? i i?b i?¬B çBX i?B m +?¶ F?€+ +?Q +"mXô

>¢ hmv i .mv M ;QÊM; +QlBX óªK ÆM ç½ [m M i•K- M?QM; i¬B [mv i`²B5 æWM; h`-M h`bM? #B i- +| H) +?B m M v i¬B b) ç M +¬M; iv- M°T çÆM i?¬B pB +5ô

ó>¢ hmv i .mv MX X Xô :B¼M; >`` JšM L?m M?d /¬MX

óG•m`²B +?9M; i F?¬M; çB +?ÆB +MM; M? m- ? M i®B M v M?û5 h¬B # Q5ô

>¼ i€M ;šm i? K p``B +•m`²B +9T K€vX \*¬ i` M? i?O i?m /¼M ç² ç¢+- [m¬M Q +kM pW ç-v K°i i9B HÈMX J'v i?S F?€+ +¬ #€M H¢B +?Q +Y ?"M; #€M ç² +kX

æ M +?B m- +¬ bY bQ¢M ç M +¬M; ivX *?` h? M? pW i?'v +¬ i?b KWM; `Ð F?¬M t çÆM tBM i?¬B pB + H M #"M- +?` h? M? HB M b b-K K†i K"vX

h?lB ;B M [m +ªK ÆM +?``'i M?B m5ô *¬;"T M;QlB +9B b•mX

ó1K +? +¬M; iv i`ª HQÆM; Qi ``\ô *?` h? M? #U+ #°BX

óE?¬M;X 1K Km®M p +?,K b|+ # M M X X Xô *¬ bB i +?†i /•v i9B t€+?X
 *?`h? M? BK H†M; `i H•m- b m ç| KÈB KÎ KB M;X óæ +?`pB i +€B çÆM ;BÈB i?
 F?| F?,M [m€ i?b [m v H¢B ç•v5ô
 >¢ hmv i .mv M`QM;`QM;MQÈ+K„i- +¬ F?¬M;M;ì`^M;[mv i ç`M?+O KbM?H¢B
 ç M p"vX L?QM; i?" M?Q p"v +ÁM ?ÆM pB +¬ T?ªB M;"v M;"v HQ bÊ h`-M h`bM?
 h M H`K- +¬ ? M >" JšM L?m Î [m€M # ` ;¬M +¬M;ivX E?B JšM L?m ç M i?b >¢ hmv
 KB M; i?b +S H`K #`K ;¼B i M h`-M h`bM?X *¬ ;¼B +?Q G•K >B M- ?ÄB M? +| [n
 J v K" +| H`K ,M [m M M [m2M #B i- i? H" +¬ ;¼B +?Q h`-M h`bM?X
 h`-M h`bM? iW +¬M; iv +?¢v b M;- M? +? m K"v M?bM >¢ hmv i .mv M M^K # T /Q
 óG)` i¬B F?¬M; M M ;¼B M?- M?QM; X X Xô +¬ M?bM >¢ hmv i .mv MX óX X Xi-
 ç|- M?•M /`T M"v ;BªB [mv i Hm¬M çBX *"m 'v M|B M;"v K B b) +?mv M çBX æ•v H
 h`-M h`bM? #QÈ+ ç M çÐ >¢ hmv i .mv M M;²B i?ŠM; H M- ç +¬ /U p"Q M;QÌB K
 hmv i .mv M F?¬M; \ô
 ó*|- çÊB +?9i i¬B ;?B +?Q M?5ô JšM L?m H'v ` K°i iì ;B'v M?È- ;?B `ä ç` +?d +M
 .mv M`²B çQ +?Q h`-M h`bM?X
 óªK ÆMX æ i¬B F m i" B t çQ +¬ p 5ô h`-M h`bM? M|BX
 óE?¬M; +¬M ç•m- H€i M[+?²M; i¬B ç M ç|M i¬B `²B5ô *¬ iW +?®BX
 h`-M h`bM? i?2Q ç` +?d >" JšM L?m çQ K" ibK M?" >¢ hmv i .mv MX *¬ pšM M;
 h`Ê HQ M KÎ +Y ;B9T M?- b m ç| ç|M; +Y ` p X
 M? ç†i +¬ H M ;BQÌM;- ç„T K M ;B9T +¬ `²B çB `Y K†iX
 LY ç K +¬ ç°i M?B M idM? ;B'+- pMM; p^M; F?| +?`m- +S çQ i v +® KÎ F?| €Q M
 +¬ +?"i p"i HB M Km®M ;B9TX M? ;B[i v ? B i v +¬ H¢B #^M; K°i i v- i v FB Hm²
 M;U+ ;B9T +¬X G-M i?S ? B idM? ;B'+ i`QM; ç K- +¬ pW F?| + pW ;¼B i M M?X '
 MQÈ+K„i +?ªv ` - K¬B M? H-M ç M K¬B +¬- ?¬M `i H•m p" `i b•mX
 L;QÌB ç`M ¬M; ;¬M #®M KQÆB- pšM ;B[ H'v bU i`QM; i`„M; +O KbM?- M;?2 +| p
 i?"i- +?d ?B K ?QB p`B H-M M?È +¬- M? F?¬M; +QÐM; H¢B çQÈ+ HQÊM; ?Q`KQ
 [mv i p'M ç - M;Q`B ` M? +?Q iWM; [m M ? pÈB #'i +S M;QÌB T?K M[M`QX
 "®M M,K i`QÈ+- K M? K'i- bS+ F?Ä2 +O # M? F?¬M; +ÁM i®i M?Q i`QÈ+ M[-
 ibK >¢ hmv i .mv MX M? ?ÄB i?,K F?„T F?m T?® +k M?QM; +?ŠM; B #B i +?QM?
 +¬ H M i?"M? T?® H`K pB + +?Q +¬M; iv HÈM- ¬M; >¢ bm®i M;"v F?Q2 +QM ;€B i?
 Q i i?¬M; iBM ç|- M? ç½ H M i?"M? T?®- i?m Km `i M?B m +¬M; iv +?mv M p .`+
 / M? b€+? M?•M pB M +O +¬M; iv +€B i M >¢ hmv i .mv MX am®i #®M M,K`ÁM; M
 ç w ç M b® HQÊM; +¬M; iv KbM? Km M;"v K°i i,M; H M- M? +?d KQM; ibK ` +€B
 o` X X X *m®B +MM; +kM; ibK i?'vX E?¬M; TªB iU M?B M K" M? +?¼M T?ÁM; +
 +¬X
 M? #B i KbM? [m€ ç€M;- iW +?®B ibM? +ªK +O K°i +¬ ;€B im´B KÈB HÈM K°i +€
 ç€M;- ?ÆM M[+ÁM H" +¬ ;€B ç½ K M; H¢B ç°M; HU+ b®M; +?Q M?X
 h`-M h`bM? M;„K M?bM ;QÆM; K†i b v M;O +O >¢ hmv i .mv MX ""M i v M? Hm²
 HÁM; M¶B H¢B +9B tm®M; M?'K M?€T #Ì K¬B K K K¢B `K QÈiX
 >¢ hmv i .mv M ;B"i KbM? idM? /"vX æ-m +¬ ?ÆB +?Q€M; p€M;- +¬ +ªK i?'v K¬B
 €Q M;U+ #` ç~v H M i` M- +¬ KÆ K`M; i?Á i v p"Q i`QM; €Q- FûQ ? B /•v €Q ` F?Ä
 tm®M; +m®B ;BQÌM;X *¬ +?ŠM; M?È M´B +?mv M ;b tªv ` M;"v ?¬K [m - F?¬M; #
 L^K H,M [m H,M H¢B i` M ;BQÌM; ? B H-M `²B KÈB +?`m `ÌB #Ä i'K +?,M 'K €TX *-
 #° ç² i`QM; p HB- F K i?2Q [m-M H|i p„i i` M p B- #QÈ+ p"Q T?ÁM; i„KX

J°i H9+ b m- +¬ KÎ+Y T?ÁM; i„K #QÈ+ ` - +¬K +€B F?,M H m i!+X æ`M? #KM; b)
H€i M[+¬ p X æ M; HQ v ?Q v i bK çB M i?Q¢B i?b +¬ T?€i ?B M +| €Q F?Q€+ +O
i?QÌM; M;²B

RdX *?QÆM; Rk, J†i h`ÌB Í h` M * Q- J•v JM Í :B[- *?d M? Í *¢M?
L;¨v ?¬K b mX

>¢ hmv i .mv M F?¬M; ¸B H¨KX >¨ JšM L?m ;¼B ¸B M- +¬ HQÌB M?€+ M;?2 K€vX

ó*"m # M? ?ª\ô :B¼M; +¬ ¸-v [m M i•KX

óE?¬M;X *?d H¨ F?¬M; Km®M ¸B H¨K M[5ô *¬ ?Ì ?[M; i`ª HÌB- ¸SM; # M +Y b´ M

óL;?d Hm¬M ?ª\ *| +?mv M ;b p"v\ô JšM L?m ?®i ?QªM;X

óæWM; HQ [m€X " i¬B ;B¨ `²B- i¬B Km®M Î ;¬M ¬M; ?ÆM- +?ŠM; +| +?mv M ;b iQ

ó*| T?ªB h`¬M h`bM? ô JšM L?m M;"T M;WM;X óL m pb M? i i?b i?¬B ¸BX JbM?
+?¶ F?€+ +?Q +¨mXô

>¢ hmv i .mv M ;QÊM; +QÌBX óªK ÆM ¸½ [m M i•K- M?QM; i¬B [mv i `²B5 æWM;
h`¬M h`bM? #B i- +| H) +?B m M v i¬B b) ¸ M +¬M; iv- M°T ¸ÆM i?¬B pB +5ô

ó>¢ hmv i .mv M ô :B¼M; >¨ JšM L?m M?d /¬MX

óG•m `²B +?9M; i F?¬M; ¸B +?ÆB +MM; M? m- ? M i®B M v M?û5 h¬B # Q5ô

>¼ i€M ;šm i? K p¨B +•m `²B +9T K€vX \*¬ i` M? i?O i?m /¼M ¸² ¸¢+- [m¬M Q +kM
pW ¸-v K°i i9B HÈMX J'v i?S F?€+ +¬ #€M H¢B +?Q +Y ?¨M; #€M ¸² +kX

æ M +?B m- +¬ bY bQ¢M ¸ M +¬M; ivX *?` h? M? pW i?'v +¬ i?b KWM; `Ð F?¬M
¸ÆM tBM i?¬B pB + H M #¨M- +?` h? M? HB M b b-K K†i K¨vX

h?ÌB ;B M [m +ªK ÆM +?`¨i M?B m5ô *¬ ;"T M;QÌB +9B b•mX

ó1K +? +¬M; iv i`ª HQÆM; Qi¨\ô \*?` h? M? #U+ #°BX

óE?¬M;X 1K Km®M p +?,K b|+ # M M ô *¬ bB i +?†i /•v i9B t€+?X

*?` h? M? BK H†M;¨¨i H•m- b m ¸| KÈB KÎ KB M;X óæ +?` pB i +€B ¸ÆM ;BÈB i?
F?| F?,M [m€ i?b [m v H¢B ¸•v5ô

>¢ hmv i .mv M`QM;`QM;MQÊ+K„i-+¬F?¬M;M;ì`^M;[mv i ç`M?+O KbM?H¢B
ç M p"vX L?QM; i?" M?Q p"v+ÁM ?ÆM pB + +¬ T?ªB M;¬v M;¬v HQ bÊ h`-M h`bM?

h M H`K-+¬ ? M>" JšM L?m Î [m€M # `;-M+¬M;ivX E?B JšM L?m ç M i?b>¢ hmv
KB M; i?b+S H`K #`K ;¼B i M h`-M h`bM?X *¬ ;¼B +?Q G•K>B M- ?ÄB M? +| [
J v K" +| H`K ,M [m M M [m2M #B i- i? H" +¬ ;¼B +?Q h`-M h`bM?X

h`-M h`bM? iW +¬M; iv +?¢v b M;- M? +? m K"v M?bM>¢ hmv i .mv M M^K # T /Q

óG)` i¬B F?¬M; M M ;¼B M?- M?QM; ô +¬ M?bM>¢ hmv i .mv MX ó i¬B M;?o ?
M?•M /`T M"v ;BªB [mv i Hm¬M çBX *"m 'v M|B M;¬v K B b) +?mv M çBX æ•v H" +A

h`-M h`bM? #QÊ+ ç M çÐ >¢ hmv i .mv M M;²B i?ŠM; H M- ç +¬ /U p"Q M;QÌB K
hmv i .mv M F?¬M; \ô

ó*|- çÊB +?9i i¬B ;?B +?Q M?5ô JšM L?m H'v ` K°i iì ;B'v M?Ê- ;?B `ä ç` +?d
hmv i .mv M`²B çQ +?Q h`-M h`bM?X

óªK ÆMX æ i¬B F m i" B t çQ +¬ p 5ô h`-M h`bM? M|BX

óE?¬M; +-M ç•m- H€i M[+?²M; i¬B ç M ç|M i¬B `²B5ô *¬ iW +?®BX

h`-M h`bM? i?2Q ç` +?d>" JšM L?m çQ K"ibK M?">¢ hmv i .mv MX *¬ pšM M;
h`Ê HQ M KÎ+Y ;B9T M?- b m ç| ç|M; +Y ` p X

M? ç†i +¬ H M ;BQÌM;- ç„T K M ;B9T +¬ `²B çB `Y K†iX

LY ç K +¬ ç°i M?B M idM? ;B'+- pMM; p^M; F?| +?`m- +S çQ i v +® KÎ F?| €Q M
+¬ +?"i p"i HB M Km®M ;B9TX M? ;B[i v ? B i v +¬ H¢B #^M; K°i i v- i v FB Hm²
M;U+ ;B9T +¬X G-M i?S ? B idM? ;B'+ i`QM; ç K- +¬ pW F?| + pW ;¼B i M M?X '
MQÊ+K„i +?ªv ` - K¬B M? H-M ç M K¬B +¬- ?¬M `i H•m p" `i b•mX

L;QÌB ç" M ¬M; ;-M #®M KQÆB- pšM ;B[H'v bU i`QM; i`„M; +O KbM?- M;?2 +| p
i?"i- +?d ?B K ?QB p" B H-M M?Ê +¬- M? F?¬M; +QÐM; H¢B çQÊ+ HQÊM; ?Q`KQ
[mv i p'M ç - M;Q" B ` M? +?Q iWM; [m M ? pÊB #'i +S M;QÌB T?K M[M"QX

"®M M,K i`QÊ+- K M? K'i- bS+ F?Ä2 +O # M? F?¬M; +ÁM i®i M?Q i`QÊ+ M[-
ibK>¢ hmv i .mv MX M? ?ÄB i?,K F?„T F?m T?® +k M?QM; +?ŠM; B #B i +?QM?
+¬ H M i?"M? T?® H`K pB + +?Q +¬M; iv HÊM- ¬M; >¢ bm®i M;¬v F?Q2 +QM ;€B i?
Q i i?¬M; iBM ç|- M? ç½ H M i?"M? T?®- i?m Km `i M?B m +¬M; iv +?mv M p .`+
/ M? b€+? M?•M pB M +O +¬M; iv +€B i M>¢ hmv i .mv MX am®i #®M M,K`ÁM; M
ç w ç M b® HQÊM; +¬M; iv KbM? Km M;¬v K°i i,M; H M- M? +?d KQM; ibK ` +€B

o" *m®B +MM; +kM; ibK i?'vX E?¬M; T?ªB iU M?B M K" M? +?¼M T?ÁM; +O +¬

æ-m /•v # M F B i`mv M ç M i B M ; i?„M ; ; 'T X \*Á M # M M`v- >¢ æ¬M ; ok ?€ ?®+ K 2
+¬ p W i?®i` X

ó h m v i . m v M \ >¢ h m v i . m v M \ ô . Q Ì M ; M ? Q M ? F ? ¬ M ; i B M p ¨ Q M ? [M ; ; b K b M ? p W

ó G ¨ 2 K X ô *¬ M ¡ B + ? „ + + ? „ M X

ó 1 K ç M ; î ç • m \ ô

ó " M ? p B M i d M ? E X ô

o W M ; ? 2 t Q M ; M ? ç ½ / " T K € v - F ? B M + ¬ M ; Æ M ; € + F ? ¬ M ; ? B m + ? m v M ; b ç M ; t

ó * ? ` p W M ¡ B + ? m v M p È B M ? h ` b M ? ? ª \ * ¡ i ? " i F ? ¬ M ; \ E ? ¬ M ; i ? i B M ç Q Ê + H ¨ ? B
M ? m X ô >¢ æ¬M ; ok i U ? Ä B i U i ` ª H Ì B - i U M ¡ B i U M ; ¢ + M ? B M X

*¬ + ? Š M ; M ¡ B ; b - B K H † M ; , M ? i + ? ¶ + ? € Q i ` Q M ; i ¬ X • M t Q M ; - + ¬ K È B M ¡ B X ó > B
' v ? Ä B i ? , K # p È B 2 K X ô * Á M ? M b) ç M t B M # + ? Q T ? û T M ? ' v + Q È B + ? ` M [X L ; ?

R 3 X * ? Q Æ M ; R j , * ? Q Æ M ; e

G 9 + h ` - M h ` b M ? ç M # M ? p B M i ? b >¢ h m v i . m v M ç M ; î i ` Q M ; T ? Á M ; p b B M ? X
p B M + ¬ î ç • m M ? Q M ; ? ¼ F ? ¬ M ; # B i - + Á M M ¡ B H ¨ F ? ¬ M ; + ¡ i M M ` v X M ? i b K i W M ;
+ ª + € B # M ? p B M H M + ? d ç i b K + € B # ¡ M ; + O + ¬ X

æ M F ? B i b M ? + Ì ; † T ¬ M ; >¢ - M ? K È B # b M ? i o M ? H ¢ B ç Q Ê + + ? 9 i X ó * ? 9 5 h m v i . n
« M ; >¢ # ` M ? H ¨ K + ? Q ; B " i K b M ? X ó h ` - M h ` b M ? ç ' v ¨ \ G • m H „ K ` ² B K È B ; † T H ¢ B
ç • m \ ô

ó * Q M b) + ? ¨ Q ? Ä B + ? 9 b m X * ? 9 K m M ¡ B + ? Q + Q M # B i h m v i . m v M ç M ; î ç • m ç O
• v ; B Ì M ; Q ¨ B + ¬ ` - M ? + ? Š M ; K ¨ M ; i È B + ? m v M ; b + ª X

ó š - M ¡ î T ? Á M ; e y R - K M ¡ p W i d M ? X X X ô « M ; + ? Q M ¡ B t Q M ; i ? b M ? ç ½ + ? ¢ v ç B
J ¶ B ; B • v i ` ¬ B [ m H Á M ; M ? H ¢ B M † M ; i ? K - # • v ; B Ì i ? b M ? ç ½ ? B m + ª K ; B € + # ` #
+ ¬ î M ? ¨ - M ? ; - M M ? Q b K T ç ´ X E ? ¬ M ; H B M H ¢ + ç Q Ê + p È B + ¬ - M ? ; - M M ? Q i „ i
* Y i ? M ; K € v + ? Q K Î ` ? i - M ? ç ½ H Q ` M ; Q ¨ B - i b K T ? Á M ; e y R ` ² B K Î + Y t Q M
i b K i ? ' v + ¬ ` ² B X

>¢ h m v i . m v M [m v ç - m M ? b M M ; Q Ì B t ¬ M ; + Y # Q È + p ¨ Q X *¬ ? Æ B M ; ¢ + M ? B M
+ ¨ M ; M ; ¢ + M ? B M ? Æ M F ? B M ? # Q È + ç M ¬ K + ? - K H ' v + ¬ - / K B K † i p ¨ Q + ´ + ¬ - i ?
` m M ` ~ v X

ó h ` - M h ` b M ? X X X ô *¬ F ?) ; ¼ B - ç Q i v H M p m ® i p 2 i ' K H Q M ; ` ° M ; H È M + O M ? X

ó 1 ? K X ô J + ¬ ? „ M ; ; B ¼ M ; X ó h ` Q M ; M ` v + ¡ i ` M ? Ä p ¨ M ; Q Ì B ; B ` X ô

>¢ hmv i .mv M ç~v M?` - #B i M? ç M; HQ H„M; M M +¬ M„K H'v i v M?X óJ - ç•
 Î ; -M M? " # - ``i i?•M pÈB +QM p" æ¬M; okXô *¬ ;BÈB i?B mX

h`-M h`bM? +?dM? bY H¢B i` M; T?K+- +9B ç-m +?“Q #” GQm h?“M? L;¼+X ó*?
 M¢M M M ;?û i?,KX J” M;¢B [m€- +?€m çB p°B M M F?¬M; F`T +?m~M #` ;bXô

ó> B çS i?•M M? m M?d\ô "" GQm [m M b€i iWM; +Y +?d +O h`-M h`bM?X L;QÌB
 "" M?bM ` h`-M h`bM? +| w pÈB +QM ;€B- H¢B +ÁM M; M; M?B M ¬K +QM ;€B i`
 i`QM; K„i M? +?d +| K¶B +QM ;€B #`X

ó1K +?“Q M?5ô *?B m .QÆM; çSM; Î t t H M iB M; +?“QX J†i +QM #û çÄ ? i +ª H
 M?€i- ``i Qi F?B iB T t9+ pÈB M;QÌB H¢- M M F?B i?`v h`-M h`bM? HB M iÄ ` M;¢
 ;QÆM; K†i F?€ ç T i` B +O M? M M +QM #û KÈB M?Q i? X

óG9+ M?Ä- M;`v M`Q M? h`bM? +kM; +?Q +?“ 2K +QM [m` #€M?- K” iQ”M ç² M;QM
 +?Q +QM ,M +ª- iQ”M +`i çBX æ9M; H” t`m iQM?5ô >¢ æ¬M; ok çB ç M # M +¢M?
 F?B M K¼B M;QÌB #”i +QÌB- +?d +| >¢ hmv i .mv M H” Km®M ç€M? +? i +”m 2K i`
 h`-M h`bM? M„K i v >¢ hmv i .mv M bm®i iW H9+ ;†T +?Q ç M F?B #” GQm çm´B p
 óJ`v çS p çB- +| /QÊM; Î ç•v +?,K b|+ K `²BX >¬K M”Q `ªM? i?b p¬i?,K K X X Xô
 H9+- +?Êi M?Ê ` ;b ç| - #” M|B iB T- ó§ ç9M; `²BX hmv i .mv M- +QM M?Ê M;?d M
 H¢B bS+X *ªK ÆM +QM M?B m H„K5ô "" KdK +QÌB pÈB +QM ;€B- K†+ /M ;QÆM; K
 pšM M?bM i?`v iB ?¢M? T?9+ i` M ç¬B K„i ç½ ?^M /`m i?ÌB ;B M +O #`X

óo”v i?¬B i¬B p - M? oä +S Î H¢B +?,K #” `v çB- ç i¬B pÈB i?^M; ok çQ *?B m .Q
 M;?`X

«M; oä ;”i ç-m- +?¢v ç M #„i i v iÄ HÁM; #B i ÆM pÈB ¬M; >¢X *| M?B m H-M +¬
 /QÊM; b Qc ¬M; +?d i`ª HÌB- +| M;QÌB # M +¢M? +?,K b|+ K +QM H” # pmB `²B-
 T?ªB p”v i?¬BX "ÎB pb iW i`QÊ+ ç M M v +¬ +?Q iWM; i?`v # +¬ pÈB /QÊM; HÈM
 +kM; H¢- b Q # +| i? H”K çQÊ+ M?Q p”v F?B K” # +kM; iWM; v m K b•m ç”K\

*ª +Æ i? +¬ K i`½ `ÌB- ? B K„i M†M; i`om F?¬M; KÎ M´BX J v K” +| h`-M h`bM? /
 +kM; FB K K°i T?ÁM; M^K ;B®M; K +¬X

h`-M h`bM? çÐ +¬ M;²B p”Q ;? H€B T?K- KÎ +®T FB K +?Q +¬ +€B +?,M KÄM; `²B K
 .mv M M;O b v F?¬M; #B i;b- M; v +ª F?B M? # +¬ p”Q M?”- p¬ iB M? ç ç-m +¬
 F?¬M; idM? /”vX

hmv KÈB [m M b€i +| K°i H-M- M?QM; M? ``i iBM? w- #B i +¬ b) F?| +?“m F?B M;O
 HK+ i`QM; `QÆM; ?”M? HQ- FB K #° ç² i?QªB K€B i? v ;B9T +¬X Zmª M?B M MY
 ;B’+ M[X

h`-M h`bM? F?¬M; i? M;O M;QM çQÊ+X "ÎB +?d +¬M M?9+ M?Q+? H” M? H¢B +?
 K” K°i F?B ç½ +?¢K p”Q H¢B F?¬M; Km®M /Si` X h? H” M? HK+ H¼B FB K F?|
 ;®B ` M;Q”B T?ÁM; F?€+?- b m ç| F?| +Y `²B MûK +?b F?| p”Q i`QM; T?ÁM; M
 i?`v v M i•K ?ÆM ?ŠM- /M T?ªB M^K i` M ;? bQ7 M?QM; i•K i`¢M; M? F?€ i?QªB

*€B M|M; QB #S+ +O #m´B b€M; ç-m ? ç€M? i?S+ >¢ hmv i .mv MX > B K„i +¬ b
 ?ŠM çBX *¬ i?2Q i?|B [m2M- p”Q M?” p bBM? ç€M? ` ,M; `Y K†i- b m ç| ` T?ÁM;

RNX *?QÆM; Rj, L,K h?€M; " ` G½M; Zm M

G9+ h`-M h`bM? ç M # M? pB M i?b >¢ hmv i .mv M ç M; î i`QM; T?ÁM; p bBM?X
pB M +¬ î ç•m M?QM; ?¼ F?¬M; #B i- +ÁM M|B H` F?¬M; +| i M M`vX M? ibK iW
imM; +ª +€B # M? pB M H M +?d ç ibK +€B #|M; +O +¬X

æ M F?B ibM? +î ;†T ¬M; >¢- M? KÈB #bM? ioM? H¢B çQÊ+ +?9iX ó*?95 hmv i .m

«M; >¢ #` M? H`K +?Q ;B"i KbM?X óh`-M h`bM? ç'v ``\ G•m H„K `²B KÈB ;†T H¢B
ç•m\ô

ó*QM b) +?“Q ?ÄB +?9 b mX *?9 K m M|B +?Q +QM #B i hmv i .mv M ç M; î ç•m çC
#•v ;BÌ M;Q`B +¬ `` - M? +?ŠM; K`M; iÈB +?mv M ;b +ªX

óš- M| î T?ÁM; eyR- K M| pW idM? ô «M; +?Q M|B tQM; i?b M? ç½ +?¢v çB K'iX

J¶B ;B•v i`¬B [m HÁM; M? H¢B M†M; i? K- #•v ;BÌ i?b M? ç½ ?B m +ªK ;B€+ #
i?'v +¬ î M?“- M? ;¬M M?Q bKT ç´X E?¬M; HB M H¢+ çQÊ+ pÈB +¬- M? ;¬M M?Q

*Y i? M; K€v +?Q KÎ` ? i- M? ç½ H Q` M;Q`B- ibK T?ÁM; eyR `²B KÎ+Y tQM
ibK i?'v +¬ `²BX

>¢ hmv i .mv M [m v ç-m M?bM M;QÌB t¬M; +Y #QÊ+ p`QX *¬ ?ÆB M;¢+ M?B M
+`M; M;¢+ M?B M ?ÆM F?B M? #QÊ+ ç M ¬K +?¬K H'v +¬- /KB K†i p`Q +´ +¬- i?
`mM `~vX

óh`-M h`bM? ô *¬ F?) ;¼B- çQ i v H M pm®i p2 i'K HQM; `°M; HÈM +O M?X

ó1 ? KXô J +¬ ?„M; ;B¼M;X óh`QM; M`v +| i` M?Ä p`M;QÌB ;B`Xô

>¢ hmv i .mv M ç~v M? ` - #B i M? ç M; HQ H„M; M M +¬ M„K H'v i v M?X óJ - c
'v î ;¬M M?“ # - ``i i?•M pÈB +QM p` æ¬M; okXô *¬ ;BÈB i?B mX

h`-M h`bM? +?dM? bY H¢B i` M; T?K+- +9B ç-m +?“Q #` GQm h?“M? L;¼+X ó*?
M¢M M M ;?û i?,KX J` M;¢B [m€- +?€m çB p°B M M F?¬M; F`T +?m`M #` ;bXô

ó> B çS i?•M M? m M?d\ô "" GQm [m M b€i iWM; +Y +?d +O h`-M h`bM?X L;QÌB
"" M?bM ` h`-M h`bM? +| w pÈB +QM ;€B- H¢B +ÁM M; M; M?B M ¬K +QM ;€B i`
i`QM; K„i M? +?d +| K¶B +QM ;€B #`X

ó1K +?“Q M?5ô *?B m .QÆM; çSM; î t t H M iB M; +?“QX J†i +QM #û çÄ ? i +ª H

M?€i- ``i Qi F?B iB T t9+ pÈB M;QÌB H¢- M M F?B i?`v h`-M h`bM? HB M iÄ ` M;¢
;QÆM; K†i F?€ ç Ti` B +O M? M M +QM #û KÈB M?Q i? X

óG9+ M?Ä- M;`v M`Q M? h`bM? +kM; +?Q +?` 2K +QM [m` #€M?- K` iQ`M ç² M;QM
+?Q +QM ,M +ª- iQ`M +`i çBX æ9M; H` t`m iQM?5ô >¢ æ¬M; ok çB ç M # M +¢M?
F?B M K¼B M;QÌB #`i +QÌB- +?d +| >¢ hmv i .mv M H` Km®M ç€M? +? i +`m 2K i`

h`-M h`bM? M„K i v >¢ hmv i .mv M bm®i iW H9+ ;†T +?Q ç M F?B #` GQm çm´B p

óJ`v çS p çB- +| /QÊM; î ç•v +?,K b|+ K `²BX >¬K M`Q `ªM? i?b p¬i?,K K ô `` G
H9+- +?Êi M?Ê ` ;b ç|- #` M|B iB T- ó§ ç9M; `²BX hmv i .mv M- +QM M?Ê M;?d M
H¢B bS+X *ªK ÆM +QM M?B m H„K5ô `` KdK +QÌB pÈB +QM ;€B- K†+ /M ;QÆM;
+¬ pšM M?bM i?`v iB ?¢M? T?9+ i` M ç¬B K„i ç½ ?^M /`m i?ÌB ;B M +O #`X

óo`v i?¬B i¬B p - M? oä +S î H¢B +?,K #` `v çB- ç i¬B pÈB i?^M; ok çQ *?B m .Q
M;?`X

«M; oä ;`i ç-m- +?¢v ç M #„i i v iÄ HÁM; #B i ÆM pÈB ¬M; >¢X *| M?B m H-M +¬
/QÊM; b Qc ¬M; +?d i`ª HÌB- +| M;QÌB # M +¢M? +?,K b|+ K +QM H` # pmB `²B-
T?ªB p`v i?¬BX "ÎB pb iW i`QÊ+ ç M M v +¬ +?Q iWM; i?`v # +¬ pÈB /QÊM; HÈM
+kM; H¢- b Q # +| i? H`K çQÊ+ M?Q p`v F?B K` # +kM; iWM; v m K b•m ç"K\

*ª +Æ i? +¬ K i `½ `ÌB- ? B K„i M†M; i`om F?¬M; KÎ M´BX J v K` +| h`-M h`bM? /
+kM; FB K K°i T?ÁM; M^K ;B®M; K +¬X

h`-M h`bM? çÐ +¬ M;²B p`Q ;? H€B T?K- KÎ +®T FB K +?Q +¬ +€B +?,M KÄM; `²
hmv i .mv M M;O b v F?¬M; #B i ;b- M; v +ª F?B M? # +¬ p`Q M?`- p¬ibM? ç ç-
+kM; F?¬M; idM? /`vX

hmv KÈB [m M b€i +| K°i H-M- M?QM; M? ``i iBM? w- #B i +¬ b) F?| +?`m F?B M;
ç½ HK+ i`QM; `QÆM; ?`M? HQ- FB K #° ç² i?QªB K€B i? v ;B9T +¬X Zmª M?B M
i?S+ ;B' +M[X

h`-M h`bM? F?¬M; i? M;O M;QM çQÊ+X "ÎB +?d +-M M?9+ M?Q+? H` M? H¢B +?
K` K°i F?B ç½ +?¢K p`Q H¢B F?¬M; Km®M /Si` X h? H` M? HK+ H¼B FB K F?|
;®B ` M;Q`B T?ÁM; F?€+?- b m ç| F?| +Y `²B MûK +?b F?| p`Q i`QM; T?ÁM; M
i?`v v M i•K ?ÆM ?ŠM- /M T?ªB M^K i` M ;? bQ7 M?QM; i•K i`¢M; M? F?€ i?QªB

*€B M|M; QB #S+ +O #m´B b€M; ç-m ? ç€M? i?S+ >¢ hmv i .mv MX > B K„i +¬ b
?ŠM çBX *¬ i?2Q i?|B [m2M- p`Q M?`p bBM? ç€M? ` ,M; `Y K†i- b m ç| ` T?ÁM;
m®M; i` p`Q #m´B b€M; H` /Q # +¬ªM? ?QÎM; ç M +¬X E?B +ÁM Î pÈB # - b€M;
m®M;- H•m /-M i?`M? [m2M pÈB KMB i` i?Q M; i?QªM; M;¼i M;`Q ?ÆB bQÆM;X

*¬ + - K H v i `` - ç Q H M K k B M ; Y B K M B i ? Æ K - + ^a K i ? ' v i • K ? ² M i ? Q ^a B K € B ? Š M X æ
i `` M ; Q M i ? b h ` - M h ` b M ? F ? ¬ M ; ` ä i W ç • m # ¶ M ; t m ' i ? B M X M ? # Q Ê + ç M - + Q Ê T
M ; K K - b m ç | ç t i i ` ^a H € B p `` Q i v + ¬ - F K i ? 2 Q K ° i M K ? ¬ M b • m X L B K ? € M ? T ? 9 + i

ó * ? `` Q # m ' B b € M ; 5 ô h ` - M h ` b M ? û T + ¬ p `` Q i ? `` M ? # T - ? B i v ç ? B # M F ? Q € + ¬

ó * ? `` Q 5 ô \* ¬ + ¼ K k B K b M ? p `` Q K k B M ? - + Q Ì B i B M ? M ; ? ` + ? X

ó > ¬ K M v + | / U ç ` M ? ; b F ? ¬ M ; \ ô M ? i ? b i ? - K # M i B + ¬ X

ó . € + | - 2 K K m ® M ç M i ? , K K * Á M + ^a > € æ ¬ M ; ô

ó E i ? ¬ M p È B M ? M ? û 5 ô M ? # ' i M ; Ì H M i B M ; + ? † M H € B + • m M | B + O + ¬ - M ; ? B

> € h m v i . m v M ç Æ ` p `` Q ; B • v - + ¬ K ' T K € v K ¬ B F ? ¬ M ; i ? @ i M M H Ì B X a m F ? B ç `
b m H Q M ; - M ? b M ; Q Æ M ; K t i + ? Ì ç Ê B + O h ` - M h ` b M ? - b m v M ; ? o F ? ¬ M ; # B i M M
i ' M i ? Q Æ M ; X

ó h ` - M h ` b M ? - 2 K ô * ¬ + „ M K ¬ B - + 9 B ç - m M û i ` € M ? X

ó > € h m v i . m v M X J ' v M , K [m H 9 + M `` Q M ? + k M ; M ; ? o ç M + ^a M ? ; † T H € B 2 K - H 9 +
+ - m ? ¬ M 2 K - b) [m € i ` Q Ê + K t i 2 K p `` ç 2 Q + ? B + M ? Š M M `` v p `` Q i v 2 K X ô M ? H ¬ B
? ¬ K [m i W i ` Q M ; i 9 B [ m - M ` X ó M ? F ? ¬ M ; # B i K b M ? + Á M b ® M ; ç Q Ê + # Q H • m -
+ Á M H € B M ? K m ® M ç Q Ê + b ® M ; + M M ; 2 K X > € h m v i . m v M X L ; Q Ì B ç `` M ¬ M ; ; - M #
F i ? ¬ M + M M ; 2 K X ô h ` - M h ` b M ? [m € ; ® B T ? ^a B t m ® M ; - / M M ; i v i ` € B ç Q + ? B + M ?

* ? B + M ? Š M i Ä b € M ; H ' T H € M ? - i ? U + b U ` ' i # „ i K „ i X h ` Q M ; H Á M ; + ¬ ` ® B M ? Q i
M ? Q M ; H € B F ? ¬ M ; i ? ç ² M ; w H Ì B + - m ? ¬ M M `` v X " Í B + ¬ b Ê i ` € B i B K K b M ? H € B # `

ó æ W M ; - t B M 2 K X ô G - M M `` v M ? ç ½ [m € ? Š M # ^ M ; ? B + ? • M - ç - m + 9 B i ? ' T M ? Q M
+ Q - M „ K ` ' i + ? † i X

> € h m v i . m v M [m € t m ® M ; p È B M ? - # `` M i v + ¬ € T H M K € M ? X ó h ` - M h ` b M ? - 2 K
M `` v X * ? 9 M ; i + ? d # B i ç ® B T ? Q Æ M ; + O b € m M , K p i ` Q Ê + - + | i ? 2 K F ? ¬ M ; + Á M
+ Á M H `` + ¬ ; € B i ` Q M ; i ` Q M ? Ê + O M ? M [ X G Ð M ? Q 2 K H `` ç S t ' m i Q M ? - + ? d K m ®

ó * ? ^a b Q + ^a X M ? + ? Q 2 K ? i - + ? d + - M F i ? ¬ M p È B M ? i ? ¬ B 5 ô M ? M ; Q Ê + M ? b M +
i v X

> Æ B i ? Î + O M ? T ? ^a H M K t i + ¬ - M ? b M b U ç m F ? ' ? ^ M ` ä i ` M K t i M ? F ? B M + ¬
ç m F ? ' M ? Q p `` v \ \* ¬ i ? - K M ? O X \* S ç <sup>2</sup> M ; w H `` ç Q Ê + - b Q + Á M T ? ^a B ç „ M ç Q b m v M

M?bM M? i? M"v +¬ +kM; +?ŠM; pmB bQÈM; ;bX

ó1K M|B ;b çB5ô h`-M h`bM? H M iB M; F?B i?'v +¬ BK H†M; i`-K M;•KX M? ç M;

h`QM; i`Q M?È +O M?- +¬ Hm¬M Hm¬M M;?2 HÌB- H¢B +ÁM M?9i M?€i p" ? v #,
i`Q M?È +O +¬- M? F?¬M; v m çm®B M?Q i? M"vX L?QM; +| M?[M; +?mv M +¬ +
M;QÌB i`i / #` i€+ ç°M; #ÎB K¬B i`QÌM; p" ?Q" M +ªM?X

hW b m +€B +? i +O K - M? i`Î M M i`-K H†M; ?ÆM H9+ i`QÈ+X J†+ /M i`QÈ+ ç|
M?QM; ç| H" FB m Qi M|B- +ÁM #•v ;BÌ H" FB m F?¬M; [m M i•KX h•K i`¢M; +O
K¬B i`QÌM; tmM; [m M?X °M; i? K +?mv M +¬ ;€B K" M? v m i?ÌB i`mM; ?¼+ H¢B
+O M?- çQ¢M ibM? +ªK /Î / M; #'v H•m #¶M; /QM; H¢B i`¶B /"v F?B M iQM? +€+?
çB M;QÌB K i?QÆM; v m- M;QÌB +QM; €B M? iWM; v m`i M?B m H¢B +QÈB # M
K'i K€i- M? Hm¬M bÊ KbM? #` #Ä`ÆB- bÊ #ªM i?•M #` H½M; [m M

æ¬B H-M M? ibK ç M #€+ bo i•K HQ- ?¼ M|B M? +¬M T?ªB #bM? ioM?- T?ªB F?®
+® [m M çB [m€ F?S H"K i`M i?QÆM; KbM?X " Q M,K [m M? pšM H"K i®i- i? M?C
M M v m çm®B ?ÆM # Q ;BÌ ? iX "€+ bo M|B- +| H) +¬ H" M;QÌB b) ;•v i`M i?QÆM
´M ç`M? +ªK t9+ M m Km®M # M +¢M? +¬- ?Q†+ H" Hb t +¬ K½B K½B ç F?¬M; T
ç #` i`M i?QÆM; i?b F?ª M,M; #MM; T?€i +€+ i`B m +?SM; i•K i?-M H" `i + QX an
/M ç½ iQÎM; iQÈM; `i M?B m p ?Q" M +ªM? ;†T M? m- M?QM; F?B ;†T i`U+ /B M
i? FB K +? çQÊ+ +ªK t9+ +? i iB i FB X *?Q M M #^M; K¼B ;B€ M? T?ªB +| çQÈ
H¢B- M? F?¬M; Km®M `iB t M[

>¢ hmv i .mv M M?Q MQM i?Î- +¬ +„M K¬B- +® ;„M; çB m +?dM? ?ÆB i?Î- +m®B
*¬ M|B # +?[K°i +€+? `ä`"M;X

h`-M h`bM? KWM; `Ð ¬K +?¬K H'v +¬- bB i`i +?†i- M?[M; ;B¼i MQÈ+ K„i H,M tm®
+ªK ÆM p" M|B HÌB v m +¬X

óæ2Q M?šM +?Q 2K çBXô *¬ KdK +QÌB /`m /"M;X

h`-M h`bM? +?Êi #WM; idM?- M? #m¬M; +¬ ` - i v`mM`~v F?B Hm²M +?B + M?š
K°i MK ?¬M H M K†i M?šM- M;„K M;?Q M|`i H•m pb F?¬M; i? iBM M´BX M? ?¬
M?B m +ªK t9+ F?¬M; M|B ? i çQÈ+X

ó.WM; H¢B çB- M? +ÁM T?ªB çB H"K M[K"5ô *¬ ç~v M? `X

h`-M h`bM? +S /•v /Q pÈB +€M? K¬B +¬ K½B F?¬M; +?`m #m¬M; i? - ;QÆM; K†i

ó M? +| i? /ÌB #m´B ?¼T H¢B5ô M? M|BX

óE?¬M; çQÊ+- M? T?ªB çB H"K FB K iB M Mm¬B 2K +?S5ô *¬ +QìB- H-M M"v /Si
M;QìB ;¼B +Y X >¢ hmv i .mv M M? M? +?•M` KÎ+Y - H" +¬ ;€B Km M?"X

ó*?"Q +?"5ô *¬ ;€B i` KdK +QìB pÈB +¬X ó1K ç M M?"M M?"5ô

>¢ hmv i .mv M M?~K iQM? `²B i?ûi H M i`QM; ç-m- ç9M; `²B- ?¬K M v +¬ T?ªB ;
K" H¢B [m M K'iX

*¬ KìB +¬ ;€B i` p"Q M?"- #„i ;†T h`-M h`bM? ç M; F?¬M; K†+ €Q- +¬ i?'v ?ÆB t'f

ó*?mv M ;b i? \ô M? ?ÄBX

óL;QìB i ç M M?"M M?"5ô *¬ MìB- ?"M; H¬M; K"v M?Qm H¢BX óL?•M iB M- M? K

h`-M h`bM? M?9M p B- #Ä p"Q T?ÁM; M;O- +¬ i?Q€M; i?'v MK +QìB i` M ;QÆM; K

ó*?`tBM H¶B- [m M K'i KbM? +! ? M pÈB 2KXô \*¬ `!i MQÊ+ KìB +¬ ;€B i` X

óE?¬M; b Q ç•m ¢5 L m +?" +?Q ibK çQÊ+ +?¶ ÎKÈB i?b +S Î H¢B- 2K +?Q +-M ;
`ä H" ç M; +-M ;'T KÈB p°B p"m; ç M Fw ?ÊT ç²M;- p"v K" +ÁM MìB F?¬M; b QX

óL;"v K B 2K /¼M p"Q çQÊ+ `²B- +?" /¼M çB M; v i?¬B5ô *¬ ç†i #9i FQ p"Q #ªM ?f
H¢B +?Q +¬ ;€B i` t€+ M?"MX ó*?b F?Q€ +?" ;YB Î +?¶ #ªQ p X J B 2K ç M +?¶ +

*¬ ;€B i` #Ä #ªM ?ÊT ç²M; p"Q i9B t€+?- +9B ç-m +?"Q ` p X

>¢ hmv i .mv M iB M +¬ ;€B i` çB- b m ç! [m v H¢B i?b i?'v h`-M h`bM? çSM; M
KbM?X

ó.M b Q +kM; F?¬M; +! +?¶ Î- ? v ç M +?¶ M?X L?" M? pšM +ÁM /Q K°i T?ÁM;Xô h

ó1K MìB pÈB # b) p Î pÈB ¬M; `²B5ô *¬ M?9M p B- çB HQÈi [m M;QìB M? ç p"Q

o®M ç`M? i?m /¼M H¢B ç² ç¢+ H-M +m®B +MM;- M?QM; h`-M h`bM? H¢B M? M? ?
ç² `²B ç†i i` M ;BQìM;- K¼B i?S ;¼M ;"M; ç•m p"Q ç!X

*¬ [m v H¢B M?bM M?- MûM +QìB- +® H"K K†i ;B"M /[M?QM; #'i i?"M?X

óG'v +?²M; i?b T?ªB i?2Q +?²M; 5ô h`-M h`bM? çB iÈB- t€+? ? B +€B p HB +O +
H M? +?Q +¬ çB i?2Q M?X

*,M M?" +O M? M^K Î i`QM; F?m /•M +Q- v M ioM? p" i`QM; H" M?X L; ¬B M?" iQ
K"m i`„M; M?Q +€+ M; ¬B M?" H•M + "MX M? ç"m t2 p"Q ?-K M^K /QÈB K†i ç'i`²B
çQ +¬ H M i-M; i` M- KÎ +Y T?ÁM; - ç†i p HB +O +¬ +¢M? ;BQÌM; - b m ç! FûQ +-

E?¬M; `ä b m # Q H•m- M?QM; T?ªB `i H•m M? KÈB +?`m `ÌB F?ÄB K¬B +¬X æ¬B
KM KÄM; K"m ?²M; M?ç i +?2 T?O- €M? H M iB ?¢M? T?9+X

ó1K ç M # M? pB M ç•v- M? çB H"K çBX h®B ;†T H¢B5ô *¬ bY H¢B pç i €Q +?Q
T?OB T?OB HÈT #KB i` M p B M?X h`¬M; +¬ H9+ M"v +?ŠM; F?€+ M"Q +¬ pÊ i`
K°iX

óL;`v K B M? Fw tQM; +€B ?ÊT ç²M; `²B M; ?d ? B M;`vX M? çQ 2K p M?"- bÆM
pm®i bÊB i!+ HÁ tÁ i`QÈ+ i`€M` b m ;€v ;B9T +¬X

*¬ F?¬M; M!B ;b- +?d ;"i ç-m`²B +QÌB #)M H)MX "•v ;BÌ +¬ KÈB ç9M; H" +¬ ;€B K

h`-M h`bM? F m i" B t çQ +¬ ç M # M? pB M idM? E- +ÁM M? iU çB ç M +?¶ H"KX

ó*QM F?¬M; çB H"K ``\ô "" GQm h?"M? L;¼+ ?ÄB F?B i?'v +QM ;€B tm'i ?B MX

ó*QM tBM M; ?d p" B ?¬KXô *¬ M!B /®B pb F?¬M; Km®M #" HQ H„M; X

ó.QÊM; +! pB + Î tQÎM; M M p `²B- H€i /QÊM; H¢B H MX *QM F?¬M; +-M T?ªB K'
M?B m H" iB M5ô "" [mÎX JB M; i?b i`€+? M?QM; i`QM; HÁM; H¢B `i pmbX

>¢ hmv i .mv M F?¬M; M!B ;b- ç M M;²B # M +¢M? K - i`Á +?mv M `i H•mX hQM?
H•m M?'i i`QM; bm®i K'v M,K [m +O ? B K +QMX h`QÈ+ ç•v #" GQm +?d ;¼B çB
H-M +¬ p i?,K- #" pb #"M #`m pÈB *?B m .QÆM; M M ? B K +QM +kM; F?¬M; +! i
J†+ /M i? i?b ibM? +ªK ;B[? B K +QM ?¼ pŠM i®iX *! ç¬B H-M +¬ i`€+? pb bm®
F?¬M; Î # M +¢M? KbM?- M?QM; b m M"v HÈM H M- +¬ ç½ M?bM M?"M p'M ç K°i
i`€+? ;b #" M[X æ! +kM; H" Hw /Q i¢B b Q +¬ Hm¬M H¢M? M?ç i pÈB *?B m .QÆM
K" H9+ M"Q M! +kM; +! K Î # M +¢M?X

a m F?B i?,K F?€K +?Q #" GQm tQM; - #€+ bo M!B +?WM; M,K M;`v M[H" #" +! i
/QÈB Km Qi ç² i~K #´ +?Q #" GQm- ç9M; H9+ ;†T ¬M; oä p" *?B m .QÆM; çB p"Q-
i?2Q K°i ;BÄ ç² ,MX

óhmv i .mv M5ô «M; oä ;¼BX

ó*?`5ô \*?B m .QÆM; `Ki` F m +¬X

>¢ hmv i .mv M ;"i ¢-m +?"Q ? B M;QÌB ?¼- i?€B ¢° F?¬M; H¢M? F?¬M; M?¢i tQ

ó*QM ¢ M i?,K K " \ a Q p M? M? i? \ô «M; oä ?ÄBX

ó*QM tm®M; Km Qi i?S+ ,MXô *¬ i`a HÌBX

óE?¬M; +¬M Km ¢•m5 .QÊM; K M; i?2Q ``i M?B m ¢²- +QM H M ,M +MM; +?Q pmB
+¬ t2KX

>¢ hmv i .mv M KB M +QÐM; ;"i ¢-m- ¢B +MM; ? B M;QÌB ?¼ H M H¢B T?ÁM; # M

L?bM i?'v ¬M; oä +?,K b|+ +?Q K - +¬ F?¬M; F?ÄB +ªK i?€MX S?ªB +?B M;"v tQ #
p"v i?b ;B ¢bM? ?¼ ¢½ +?ŠM; HB i€M- +¬ b) +?ŠM; T?ªB ¢B ; M? i` pÈB ¢S i` p-
M?bM *?B m .QÆM; ¢ M; HQ v ?Q v pÈB ¢®M; #`B i"TK` HÁM; M†M; i`omX

æ M +?"T i®BX «M; >¢ +MM; >¢ æ¬M; ok KÈB tm'i ?B MX oW i?'v +?` ;€B- >¢ æ
FBM? M;¢+ i°i ¢°- i?"K +?Q +ÁM iU i€i KbM? ? B +€B ¢ i`M ioM?X

ó"" +?` ;B" +O i¬B b Q H¢B Î ¢•v\ô >¢ æ¬M; ok M|B ``i M?Ä- K„i F?¬M; /€K M?bM

ó>¢ æ¬M; ok5ô >¢ hmv i .mv M ;¼B 2K i` B- ;B¼M; ``i M? X

>¢ æ¬M; ok M;?2 +?` ;€B ;¼B i M KbM? i?b i?'i FBM?- i v +?•M Hm®M; +m®M; +
+?` ;€B ¢ M; M;²B i` M bQ7 X ó*?`X h¢B M| ¢€M? 2K i`QÊ+- M| +?¼+ ;B"M 2K M M
F?¬M; M;ì M| v m p"v- KÈB ¢'K +| K°i +€B K` H¢B T?ªB ¢B M?´ ? B +€B ` ,M;X *?`-
H¢B v m ¢m®B ¢ M p"v5 *?` i? +?Q 2K H-M M"v M? - M? - M? 5ô

>¢ æ¬M; ok Hmv M i?mv M K°i ?²B- F?¬M; ¢€M? ¢½ iU F? BX

óL;QÌB i +| #` H`K b Q F?¬M;\ô *¬ ?ÄBX

ó*kM; F?¬M; M†M; H„K- K†i +?d ?ÆB bQM; K°i +?9i p" #` ;½v ? B +€B ` ,M; i?¬B5ô

h` M ¢ÌB M"v + "m +?d bÊ K¶B #` +?` M"v- K°i T?¬M pb FQM? i`¼M;- K°i T?¬M pb +
M?bM p`Q K„i +¬ i?¬B +kM; F?B M >¢ æ¬M; ok +KT ¢m¬B M;Q M M;Q½MX

>¢ hmv i .mv M i?Î /`BX óGÈM `²BX *Q tY +?Q ¢"M; ?Q"M;- ¢WM; +| ¢°M; iQ H` ¢

M;Q`iB i +?Q \ô

ó.¢ +?Q X L?QM; K" 2K i?U+ bU F?¬M; +| H¶B K" ô >¢ æ¬M; ok M;QÊ+ M?bM +?` ;
;B¼M; M?Ä /¬MX

ósBM H¶B F?¬M; T?ªB pb KbM? H"K b B- K" H" i? ?B M bU i`QÎM; i?"M? +O #ªM

>¢ æ¬M; ok ;"i ç¬mX

*?B m .QÆM; M?bM i?'v +ªM? M"v i?b MûM +Q`iB i`QM; #KM;- >¢ æ¬M; ok i?QÎM;
+| M;"v F?m'i T?K+ i`QÊ+ +?`;€B +?S\ æ9M; H" ?B K ?QB X

kyX *?QÆM; R9, *?QÆM; d

óJB M +QÐM; F?¬M; ?¢M? T?9+Xô

E?B K†i i`lB pW i„i M„M;- h`¬M h`bM? ç½ ;¼B çB M ?ÄB i?,K >¢ hmv i .mv MX >
+•m M²M; i?„K `²B +9T K€vX

ó*?`Xô >¢ æ¬M; ok ;QB X ó1K M;?2 # M|B +?` b„T /¼M p M?" ?ª\ô

*¬ "K UX

>¢ æ¬M; ok HB M M?ªv ç" M? ç¢+? M?Q +€ K„+ +¢MX a m K°i ?²B HQ v ?Q v FB K
+"m +kM; M|BX ó*?` F?¬M; p çQÊ+ ç•mX 1K #B M T?ÁM; +?` i?"M? +€B M?" F?Q

*¬ M?bM 2K i` B pÈB €M? K„i H¢M? HMM;- w #ªQ F?¬M; /¼M M´B +kM; T?ªB /¼MX

óh?U+ bU F?¬M; /¼M M´B ç•mX hQÎM; i?b K|+ K2Q- ç² ç¢+ pSi #W #½B F?„T MÆE
«M; >¢ H M iB M;X ó*?Q M M +QM +S ÎT?ÁM; +O M| - ç M| p"Q +€B #½B `€+ ç| Î

ó" X X Xô >¢ æ¬M; ok FûQ /"B iB M; ;¼B # - p K†i i?ªK i?QÆM;X

æ9M; H9+ #€+ bo p"Q i?,K F?€K- +ª M?" +€+? t ;BQÎM; # M? ç iB M +?Q #€+ bo
tm®M; +?¶ i`®M; # M +¢M? >¢ hmv i .mv M- K„i +QM #û +S HûM H9i M?bM +¬X

óL"v M?|+5ô hB M; ;¼B +O >¢ æ¬M; ok F?B M *?B m .QÆM; ;B"i Mªv KbM?X

*QM #û çQ ç¬B K„i i`QM; p2Q M?bM +"mX

óh?^M; M?|+ ?¬K [m H"K T?B M 2K "lô *"m ?ÄBX

ó.¢\ B ¢lô *?B m .QÆM; KQK K¬B bmv M;?oX

ó*€B i?^M; +?†M t2 2KXô >¢ æ¬M; ok #U+ #°B- M? p®M F?¬M; Q ;b HQ¢B +QM ;€

ó.¢ F?¬M;X *"m 'vX X X +"m 'v +?d çM i?¬B5ô *QM #û M;"T M;WM;X

>¢ hmv i .mv M M;²B # M +¢M? M?bM #B m +ªK +O +QM #û- çQ€M +?„+ +QM #û +
ç M F?B >¢ æ¬M; ok çB t - +¬ KÈB ?ÄBX ó1K i?Q+? B Î i`QÎM; ?ª\ô

J†i *?B m .QÆM; çÄ H M- i v M| ?mÆ ?mÆ i`QÊ+ K†i HB H` - KB M; Hm¬M M|B
H"K b Q K" +¬ F?¬M; M?bM ` çQÊ+- #ÎB pb \*?B m .QÆM; `i / çQ€M- p" +kM; pb
ç|X

ó*| T?ªB + "m M?| + +?†M t2 2K F?¬M; \ô *¬ ?ÄBX
 " +?` ; €B M?bM ` - *?B m .QÆM; +9B ; ^K K†i tm®M; - ; B¼M; HQ M?QX ó*"m 'v iÄ
 ibM? +ªK pÈB + "m 'vX L?QM; b„T T?ªB i?B æ¢B ?¼+ `²B- 2K bÊ +?mv M v m çQÆ
 >¢ hmv i .mv M M?Q+? H¢B ; -M +QM #ûX ó1K M; ?o çQÊ+ M?Q p"v H" i®iX æWM;
 i?Q+? 2K i?b b) +?l çQÊ+ 2KXô
 ó*"m 'v M|B + "m 'v b„T çB MQÊ+ M; Q" B- M M Km®M t€+ ç`M? [m M ? pÈB 2KXô
 óo"v i?b 2K + "M; F?¬M; M M ç²M; wX * "m i Km®M t€+ ç`M? [m M ? pÈB 2K- M?Q
 ?B m çQÊ+ i-K [m M i`¼M; +O HÌB ?S X 1K +ÁM M?Ä- +ÁM +ª +m° + çÌB b m M"v
 pb + "m i çQÊ+Xô
 *?B m .QÆM; BK H†M; - +QM #ûM; šK M; ?o ; b ç| `²B H M iB M; X óL; "v tQ +?` +| i
 *¬ +QÌB F?) - MK +QÌB M; ®+ M; ? +? +| T?¬M ?¢M? T?9+X óu m K°i +€+? M; m M; ®
 . "M? +ª i? M? tm•M ç v m K°i M; QÌB- / "M? +ª +m° + çÌB ç +?l +?d pb K°i HÌB i?
 +kM; ç-MX
 >¬K ç| *?B m .QÆM; F +?Q +¬ M; ?2 `i M?B m +?mv M- ç M +ª «M; oä p" # " GQm
 M?B M F?B i? 'v ? B +?` 2K H¢B i?•M ç M p"vX E?QªM; +€+? ; B[+¬ p" +QM #û +
 F?¬M; +ÁM M; ¢B M; MM; K¶B F?B i`Á +?mv M pÈB +?` ; €B M[X
 h®B- +¬ î H¢B # M? pB M +MM; # " GQm h?"M? L; ¼+X *¬ ç½ M?l M; QÌB i F +?Q
 +¢M? ; BQÌM; # M?- ? B K +QM M^K M|B +?mv M ç M ; -M b€M; KÊB +?`m M? „K K„
 >¢ hmv i .mv M KÆ K" M; idM? ; B' +¬ +¬ çQ K„i M?bM tmM; [m M?- #„i ; †T #|M; H
 +MM; +€B ; €v [mv M `k p" K€B i| + F?¬M; i? ; ¼M ; "M; ?ÆM- +¬ ; B"i KbM? /KB K„
 ?ÆMX
 «M; oä- ¬M; >¢ M; ²B m®M; i` ç"K ç¢Q bU çÌB pÈB h`-M h`bM?- i? 'v +¬ i`ÁM K„i
 ¬M; >¢ KÊB H M iB M; X ó"B i K'v ; BÌ `²B F?¬M; ?ª +QM\ô
 *¬ H„ + ç-m- €M? K„i H¢B /€M p"Q T?¬M ; €v +O M?X
 æ°M; i€+ +O M? `i +?"K `½BX M? F?¬M; p°B [m v ç-m M?bM +¬- K" b m F?B ç
 +€+? i Q M?½- M? KÊB tQ v M; QÌB H¢BX
 "®M K„i M?bM M? m- +¬ +?bK ç„K i`QM; MK +QÌB #m´B b€M; +O M?- Mûi +QÌB
 i`„M; [m€ KS+X >¢ hmv i .mv M +| T?¬M ; QÊM; ; ¢Q /Q #° /¢M; H¬B i?¬B H9+ M"v
 +?dM +?m +O M?X
 óJ ç•m `²B ¢\ô *¬ M?bM ¬M; >¢- +® HÌ M? çB pb bU t'm ?´ FB X
 óJ çB H"K tûi M; ?B K H¢B `²B- #€+ bo Km®M +?„ +?„ M F?¬M; +| p'M ç ; bXô «M
 M; KK i`X
 óh¬B çB t2K # " 'v i? M"QX «M; çB +MM; F?¬M; \ô «M; oä ?ÄB- ? B M; QÌB ç" M ¬M;
 H¢B +?Q ? B çS i` X
 > B M; QÌB # çB `²B- h`-M h`bM? p°B p" M; # "i / "v F?ÄB ; ? - #QÊ+ ? B #QÊ+ ç½ ç
 tm®M; +€B M K çQÊ+ F i¢K- €T i v H M K€- FûQ +¬ H¢B ; -M `²B ?¬M i? "i b•mX
 *?m¶B ?"M? ç°M; +O M? F?B M +¬ ?ÆB # 'i M; l- +¬ F?¬M; M; ?o M? H¢B H"K K'v
 MÆB ç¬M; M; QÌBX
 ó*?"Q 2K5ô M? M|B- K¬B pšM F?¬M; +?`m `lB F?ÄB ; QÆM; K†i +¬X
 ó1K +?Q ç€M? `„M; Xô *¬ M|B- [m v K†i b M; +?¶ F?€+X
 M? # "i +QÌB- iB M; +QÌB ; BÁM ; B½X
 óE?¬M; T?ªB M? M|B ? B ?¬K M[KÊB ç M ibK 2K b Q\ô *¬ pm®i p2 F?m¬M +^K +

ó M? ç M bÈK 2K F?¬M; p m B " \ô M? H"K ç B m #° ; B" M / ¶ B pÈB +¬X
 h v +¬ +?¢K p"Q i|+ M?- p¬ i b M? T?€i ? B M K°i bÈB i|+ #¢+X GÁM; +¬ +?MM; t
 i?-K v m ç½ ; B" `²BX
 ó1K M?´ i|+ #¢+ +?Q M? M?û5ô *¬ M?b M M?X
 h`-M h`b M? çQ i v H M +ªMX óæWM;5ô
 óa Q i? \ô *¬ M; ¢+ M?B M- +?d H" K°i bÈB i|+ i?¬B K"- b Q M? H¢B F?¬M; Km®M
 ó1K K" M?´ i?b M? ?|B K'i5ô
 ó*?d K°i bÈB i?¬B K"- F?¬M; ?|B çQÊ+ ç•m5ô *¬ M; M; #QÈM; çQ i v H M i|+ M?
 óv M? H" M? ; B" `²BX " Q ; Bì 2K KÈB +?`m F i?¬M pÈB M?\ô M? ; B[+?†i ? B
 tQ€v p"Q ; QÆM; K†i +¬X
 ó*?ŠM; T?ªB 2K ç²M; w `²B b Q\ *?mv M F i?¬M pÈB M? ç|X h¢B M? H K - F?¬M
 +?`m M?û5ô \*¬ H HQÐB- MÎ MK +QìB iBM? M; ?`+?X
 M? M; „i KkB +¬- b m ç| F?¬M; ç" M? HÁM; M M H¢B tmwi tQ / ¶ / " M?X
 h®B ç| >¢ hmv i .mv M F?¬M; p M?" ¬M; >¢- +¬ M|B /®B KbM? T?ªB p M?" i`¼
 M?QM; i?"i` H¢B i?2Q h`-M h`b M? p M?" M?X
 h?Ì ; B M ç-m b®M; +?mM; - ? B M; QìB ?¼ Î ? B T?ÁM; F?€+ M? mX
 ó1K Km®M ç€K +QÈB i? M"Q\ô h`-M h`b M? ?ÄB F?B ?¼ ç M; t2K iB pBX
 >¢ hmv i .mv M M; ŠK M; ?o K°i H9+- `²B M|BX ó\*| ?Q K"m i`„M; - ; ? K"m i`„M; - €Q
 X M?X h? H" çO `²B5ô *¬ +QìB iQì K„iX
 óæ9M; H" / /½B5ô M? +ªK i?€M- +®+ M? p"Q i`€M +¬X
 *¬ #om K¬B- F?¬M; +?`m i?m M?X *¬ ; B[H'v +€M? i v M?- +„M K°i +€B- M?b M
 i v M?- +¬ KÈB i?®i` K°i iB M; i?Ä K½MX
 h`-M h`b M? tQ tQ +?¶ #` +„M- M? ç°i M?B M FûQ +¬ p"Q HÁM; - ç +¬ ` +„M p"Q
 " ` M? H"K +?Q #m²M +QìB- >¢ hmv i .mv M +"Q +"Q p"Q M; U+ M?X
 *ªK ; B€+ i ` -M +?¢v /¼+

kRX *?QÆM; R9, S?Q " M EB L;¼M L9B

óJB M +QÐM; F?¬M; ?¢M? T?9+Xô

E?B K†i i`ìB pW i„i M„M;- h`-M h`bM? ç½ ;¼B çB M ?ÄB i?,K >¢ hmv i .mv MX >
+•m M²M; i?„K `²B +9T K€vX

ó*?`Xô >¢ æ¬M; ok ;QBX ó1K M;?2 # M|B +?` b„T /¼M p M?“ ?ª\ô

*¬ "K UX

>¢ æ¬M; ok HB M M?ªv ç¨M? ç¢+? M?Q +€ K„+ +¢MX a m K°i ?²B HQ v ?Q v FB K
+”m +kM; M|BX ó*?` F?¬M; p çQÊ+ ç•mX 1K #B M T?ÁM; +?` i?“M? +€B M?“ F?Q

*¬ M?bM 2K i` B pÈB €M? K„i H¢M? HMM;- w #ªQ F?¬M; /¼M M´B +kM; T?ªB /¼MX

óh?U+ bU F?¬M; /¼M M´B ç•mX hQìM; i?b K|+ K2Q- ç² ç¢+ pSi #W #½B F?“T MÆI
«M; >¢ H M iB M;X ó*?Q M M +QM +S îT?ÁM; +O M| - ç M| p¨Q +€B #½B `€+ ç| î

ó" X X Xô >¢ æ¬M; ok FûQ /¨B iB M; ;¼B # - p K†i i?ªK i?QÆM;X

æ9M; H9+ #€+ bo p¨Q i?,K F?€K- +ª M?“ +€+? t ;BQìM; # M? ç iB M +?Q #€+ bo
tm®M; +?¶ i`®M; # M +¢M? >¢ hmv i .mv M- K„i +QM #û +S HûM H9i M?bM +¬X

óL¨v M?|+5ô hB M; ;¼B +O >¢ æ¬M; ok F?B M *?B m .QÆM; ;B”i Mªv KbM?X

*QM #û çQ ç¬B K„i i`QM; p2Q M?bM +”mX

óh?^M; M?|+ ?¬K [m H¨K T?B M 2K ``\ô *”m ?ÄBX

ó.¢\ B ¢\ô *?B m .QÆM; KQK K¬B bmv M;?oX

ó*€B i?^M; +?†M t2 2KXô >¢ æ¬M; ok #U+ #°B- M? p®M F?¬M; Q ;b HQ¢B +QM ;€

ó.¢ F?¬M;X *”m ’vX X X +”m ’v +?d çM i?¬B5ô *QM #û M;”T M;WM;X

>¢ hmv i .mv M M;²B # M +¢M? M?bM #B m +ªK +O +QM #û- çQ€M +?“+ +QM #û +
ç M F?B >¢ æ¬M; ok çB t - +¬ KÈB ?ÄBX ó1K i?Q+? B î i`QìM; ?ª\ô

J†i *?B m .QÆM; çÄ H M- i v M! ?mÆ ?mÆ i`QÈ+ K†i HB H` - KB M; Hm¬M M!B
H"K b Q K" +¬ F?¬M; M?bM ` çQÈ+- #ÎB pb \*?B m .QÆM; `i / çQ€M- p" +kM; pb
ç!X

ó*! T?ªB +"m M?!+ +?†M t2 2K F?¬M;\ô *¬ ?ÄBX

çQÊ+ - +?S KÆ iQÎM; [m2M çQÊ+ M? 'v i?b F?¬M; +| +Y ç•mX h?•M H„K i¬B KÈB
.B ;?û b€i H¢B ;¬M +¬- ;B¼M; i?'T tm®M;X ó"" +?O +O M?" M"v- " F?¬M; - T?ªB
¬M; +?O M?" M"v- +?QM? H" #¢M ;€B +k +O h¬-M h`bM?X *¬ iBM M´B F?¬M; \ô

",M; .B /WM; H¢B- m®M; K°i M;KK MQÊ+ `²B M|B iB TX ó\*?` ?¼ i¬B M;"v tQ ?¼+
`^M; ibM? +ªK +O ?¼ `i ç€M; M;QÐM; K°X S?ªB ;¼B H" iB M ç²M; M;¼+ M[X _²B
K F +O h¬-M h`bM?X J†+ /M p"v M? 'v pšM `i v m +¬ i - M;?2 M|B M? 'v ç M;
i? +QÊB +¬ i H"K pÊX L;QÌB i M|B ibM? ç-m H" ibM? b•m ç"K M?'i- [mª i?U+ F
H„+ ç-m- K"m bQM +O +¬ i çÄ ç M KS+ +?|B K„i- çÄ ç M KS+ ç•K i?ŠM; p"Q iBK

*¬ M;²B #-M i?-M ` ç|X *¬ M M iBM B ç•v\ hBM M;QÌB ç½ iWM; iW +?®B ibM? +ª
HÌB ç²M ç¢B +| +,M +S\ æ-m | + +¬ [m v KÁM; KÁM;- +?Q # Q ;B| +¬ +ªK i?'v H¢+

J°i H9+ b m ç| - +¬ pšM F?¬M; i?'v h¬-M h`bM?X æ M F?B M[+?O M?•M +O M;¬B
imv M #® Hw /Q +O #m´B iB +- +¬ KÈB ibK i?'v M?- ç M; çSM; # M +¢M? M[+?O
i M GQÆM; S?B u M- i` i`mM; tBM? ç T- +€B ç T +O M?[M; M;QÌB ;B"m- pW [mv

hB T ç| H" iB iKK+ /B M tB +- K'v M;QÌB #B m /B M pÈB HY H-M HQÊi +?¢v ` b•
F K i?2Q K°i `i? M ?²M;X "KB i? M # v i?2Q iWM; ç°M; i€+ ç€M? çm +O ?¼- M?
€M? b€M; i"m +O T?€Q ?Q X

GQÆM; S?B u M +MM; h¬-M h`bM? pW #QÊ+ tm®M; b•M F?'m ç½ p°B +?"Q K'v p
F?€ b€i M? m- i?dM? i?QªM; F?B /B +?mv M +¬ +ÁM i?'v M? çÐ +¬ i - M?bM `i +

æ°i M?B M +¬ M;?2 i?'v iB M; i?ûi- b m ç| K°i ç®K HY # v iW ç•m ç| ?QÈM; ç M T
p bo ;¬M ç| +?¢v ç M çÐ +?Q +¬ i M?QM; F?¬M; F`T- ç®K HY `ÆB i` M p B +¬ i
i? M #` ç´- K°i i? M? b„i M|M; `ÆB tm®M; +?¶ >¢ hmv i .mv M- +¬ i?2Q T?ªM t¢ çQ
M|M; `U+ `Èi i`9M; i v +¬ `²B `ÆB tm®M; ç'i- i¢Q i?"M? •K i? M? çBM? i BX o`B M
#` T?ÄM; M? - +| M;QÌB i?b #` +?€v [m-M €Q- F?mM; +ªM? ²M "Q `®B HQ¢MX

J¼B M;QÌB H"K i`QM; M?" ?¼ h¬-M +?¢v ` ;B9T çÐ- F?¬M; B #` i?QÆM; M†M;- +
iW p B tm®M; ç M i?„i HQM;- HÈT / Î HQM; +O +¬ i çÄ iQK #QM; i`| + i`¬M; `i ç€
MÎ MûT p"Q HÁM; h¬-M h`bM?X M? M? M? +?|M; çQ +¬ i çB- H9+ ?¼ çB M; M; [
hB M; ;¼B +O +¬ F?¬M; HÈM H„K- M?QM; ?bM? M?Q M? M;?2 i?'vX

h¬-M h`bM? [m v ç-m HB M #„i ;†T çQÊ+ +¬- ;QÆM; K†i M? ç-v M¶B HQ H„M;- p
+?Q +¬X

ó1K +| b Q F?¬M; \ô M? ?ÄBX

*¬ H„+ ç-m- K¬B K'T K€v F?¬M; M|B M M HÌBX

óo"v i?b i®iX :B| 2K p i`QÊ+ çB- Î ç•v M;mv ?B K H„K5ô M? M|B `²B H¢B çB iB T

*¬ M?bM i?2Q #|M; ? B M;QÌB +?mB p"Q i`QM; t2 `²B #B M K'i b m ?"M; ``Q + Q H
#QÊ+ çBX

*?9 L?•M +?¢v ç M +¢M? +¬- T?€i ?B M p i T?ÄM; /"B iW +´ i v ç M F?m, m i v +¬
ç M # M? pB M F?€KX *¬ F?¬M; iW +?®BX

h` M ;QÆM; K†i +¬ H9+ M"v +?d iQ" M M¶B +?m t|i p" + v ç„M;X h`€B iBK +¬ ç m
F?¬M; H" M;?o HQ ;bX

a m F?B F?€K tQM; p i i?QÆM;- #€+ bo F +?Q +¬ p" B HB m ;BªK ç m F K i?m®+
i?m®+ +MM; #¬M; #,M;- i?m®+ çÄ- ;¢+ v i -

*?9 L?•M çQ +¬ p M?"- +¬ M;²B i?W K°i H9+ i` M t2 `²B KÈB KÎ+Y X h`QÊ+ F?B
tBM +?9 ;B[#Q K"i +?mv M +?€m #` i?QÆM;X *?€m F?¬M; Km®M M? 'v HQXô

óæQÊ+X h¬B #B i`²B5ô

ó§- +ÁM M[- T?B M +?9 M?„M H¢B pÈB M? 'v- K'v M;"v M[+?€m +MM; 2K i` B ç
M|B M? 'v çWM; ibK +?€mX *?d p"v i?¬BX *?€m +?"Q +?95ô *¬ tm®M; t2- ç|M; b-

G9+ ç| H" KQÌB ? B ;BÌ KQÌB b€m T?9iX «M; >¢ p" >¢ æ¬M; ok ç½ çB M;OX *¬ i?
M^K QÌM i` M ;BQÌM;X "'v ;BÌ +ÆM ç m M?S+ Î i v KÈB i`mv M ç M M½Q #°X *¬ #'
H" pb +QM iBK ? v H" pb p i i?QÆM;\

kkX *?QÆM; R8, G®B JÁM

ó*?mv M ;b `²B +kM; [m çB- +?d +| Fw S+ H" i²M i¢B K½B K½BX X Xô

"av ;BÌ #®M T?9i b€M;X >¢ hmv i .mv M F?¬M; i? M;O i? K çQÊ+ M[X *¬ i` Q tm
+¢M? `QÆM; [m-M €Q- +?¼M +€B €Q /"B i v K†+ p"Q- `²B ;QK p" B #° [m-M €Q +?

«M; >¢ ç½ ` M;Q" B ç€M? +Ì +MM; K'v +€+ #€+ HÈM im´B i`QM; F?m T?®X >¢ æ¬M
i` M ;? b¬ T? t2K T?BK i`mv M ?bM?X

ó*?` çB ç•m p"v\ô *"m ?ÄB- M;²B i?ŠM; /"vX

*¬ F?¬M; i`ª HÌB- çB M; M; [m b¬ T? ç ç M iO çUM; ;B"vX

ó*?`5ô >¢ æ¬M; ok H¢B ;¼B +¬- ;B¼M; +| T?¬M ;'T ;€TX

óL|B pÈB # +?` [m M?" #¢M +?ÆBX o" B ?¬K M[p 5ô *¬ M|B #^M; ;B¼M; H¢M? M

*"m #B i- K¶B H-M +¬ M|B #^M; +€B ;B¼M; çB m 'v H" F?B +¬ ç M; +| +?mv M #m
;b +| #¢M M"Q ç +?ÆB +?S\ô *"m M|B pÈB i?2Q M?QM; +¬ ç½ çB K'i `²BX

>¢ hmv i .mv M #„i +?mv M t2 ç-m iB M +¬ M?bM i?'v- H2Q H M M;²B K" F?¬M; #E
æ M F?B t2 p"Q # M- +¬ KÈB M;Æ M;€+ M?bM +ªM? p"i H¢ ?Q„+ tmM; [m M?X _ F

M?bM b¢+? b)- i?m K°i T?ÁM; pÊB ;B€ ?ÆB K„+ pb ¸ M; KM /m H`+?X L?“M +?b
i?2Q bU +?d /šM +O M?•M pB MX æti HQM; M^K tm®M; i'K M K i`„M; - +¬ `9i ¸B
i`®M; i`ÆM F?¬M; K°i i?¬M; #€QX

*¬ #B i i`®M i`€M? F?¬M; ;B^B [mv i ¸QÊ+ p'M ¸ - M?QM; Qi` ¸B m M`v F?B M i•

*S M; ?o #^M i?•M KbM? ¸O K¢M? K) ¸ pQÊi [m M?[M; +?mv M i? M`v- ?| ` F?B
H¢B F?| FB K bQ€i ¸ M p`vX

«M; >¢ ;¼B +?Q +¬ p`B H-M- ?ÄB +¬ ¸B ¸•m- +?„+ +?„M >¢ æ¬M; ok ¸½ K€+? H Q

ó*QM ¸B HQ M? [m M? p`B ?¬KX o`B ?¬K M[+QM p 5ô *¬ i`^ HÌB H'v H X

«M; >¢ /†M /Á p`B +•m `²B #^Q +¬ p M?“ bÈKX *¬ ”K U `²B +9T K€vX

*?B m ?¬K 'v- h`-M h`bM? +| ;¼B ¸B M +?Q +¬ M?QM; +¬ M?'i [mv i F?¬M; M; ?2 K
K°i +m°+ ;¼B ¸|X

h`-M h`bM? Î# M? pB M +?,K b|+ +?Q GQÆM; S?B u MX *¬ i #` b®i- #€+ bo ¸½ i
?¢ b®i K` F?¬M; /MM; F?€M; bBM? pb +¬ i ¸ M; K M; i? BX

M? iB M #€+ bo ` F?ÄB T?ÁM; # M?- #„i ;†T +?9 L?•M ¸ M; ¸ÊB Î# M M; Q`BX

?9 L?•M +9B ¸-m +?“Q M?- iB M ? B #QÊ+ ¸ M ; -MX ó”m +?O5ô

ó*?“Q +?95 *| +?mv M ;b `lô æ¬B K„i M? ?^M `ä M?[M; iB K€m M?Ä HB iB pb K i

a m K°i H9+ +?¬M +?W- +?9 L?•M KÈB M|BX óa€M; M v i¬B i?'v +¬ >¢ H M K°i +?I

*?•M K`v h`-M h`bM? M?Qm H¢B- M? ¸9i K°i i v p`Q i9BX óa Q +¬ 'v H¢B ¸ M ¸|v

óh¬B F?¬M; `äX X Xô *?9 L?•M /WM; H¢B K°i H9+X ô*ÁM K°i +?mv M M[X X Xô

ó*?9 M|B ¸B5ô M? ` H M?- ;B¼M; ¸-v #U+ iS+X

óX X X +?mv M H` ?¬K [m - +¬ >¢ +kM; #` i?QÆM; X o i i?QÆM; iQÆM; ¸®B HÈM-
¸ M # M? pB M FB K i` `²BX a„+ K†i +¬ 'v F?¬M; ¸QÊ+ i®i +?Q H„K5ô

M? ` ?B m +?Q +?9 L?•M ¸B p - #„i ¸-m `ÆB p`Q F?Q^M; F?¬M; #'i i”M #^M i?•M

Zm^i?“i H` +¬ +?^+| M; QÌB #¢M M`Q i?•M ¸ M ¸° +| i? Î +?ÆB p`B M; `v- +?d +| >
+| ;B ¸bM? `²B- Km®M Î +?ÆB +kM; #'i iB MX

L; ?o p`v M?QM; +¬ pšM ;¼B +?Q >” JšM L?mX

óJbM? ¸•v5ô Í ¸-m /•v # MFB i`mv M ¸ M ;B¼M; M[M; ¼i M; ”QX

óh¬B ÎM?“ +¬ p`B M; `v ¸QÊ+ F?¬M; \ *?d K°i M; `v i?¬B5ô *¬ M|B- ¸-m +9B tm®M; -

h? H` >¢ hmv i .mv M ¸ M M?“ >” JšM L?mX \*^+ ,M M?“ `°M; +?d +| pÊ +?²M; G•K
¸S #û ; -M K°i im´B +MM; #` p9 ÎX

*?²M; +O JšM L?m- G•K >B M- +¬ ¸½ iWM; ;†T [m p`B H-MX h?'v +¬ tm'i ?B M i
+?“m ` K†iX

óL?“ +¬ F?¬M; Î H¢B ¸ M ¸•v H`K ;b\ô M? +^M M?^M- HB + +¬ K°i +€BX

óh¬B #` M; QÌB v m T?^M #°B- M? F?¬M; i?QÆM; t|i ¸QÊ+ b Qlô \*¬ O `k #QÊ+ p`Q
K°i ¸ K M?û5ô *¬ #„M +?Q M? K°i MK +QÌB iBM? M; ?`+?- `²B +?¢v ¸B +?ÆB pÊB

G•K hQ JšM M„K K|M ¸² +?ÆB H„+ [m H„+ H¢B- +QM #û +| ¸¬B K„i i`ÁM M?bM ;B
T?¬M KkB p`KB M; H¢B v ? i G•K >B MX

ó> B M;QÌB F?ûQ bBM? i?"i ç'v- +QM #û MY ;B®M; # - MY ;B®M; K - M?bM ç€M
bBM? +QM i` B M?Ê +?W +?Q i-B ç'v5ô >¢ hmv i .mv M # +QM #û H M- ?¬M M?E
M|X

óE?¬M; iÈB HQÊi +¬5ô G•K >B M +QÌB F?~vX

>¢ hmv i .mv M HB + G•K >B M K°i +€B i?"i b„+X

"m´B i®B- b m F?B`m G•K hQ JšM M;O- >` JšM L?m`|M`ûM #QÊ+` F?ÄB T?ÁM;X
ç½ M,M Md ç K M v +¬ T?ªB i?S+ i•K bU +MM; +¬ 'vX *?¶ #¢M # i?•M i?B i- +¬ F?

> B M;QÌB ?¼ M^K /`B i` M ;? b¬ T? - >¢ hmv i .mv M #„i ç-m F H X

óX X X h¬B +ÁM M;?2 M|B M? 'v ç M; +?ì # +? i ç çQÊ+ +QÈB +¬ i X >¬K ç| M
i" M #•v ;Bì pšM F?¬M; ;¼B çB M ? v M?„M iBM ?ÄB i?,KX h¬B K i KÄB [m€5 "•v ;B
K°i M;QÌB- bBM? K°i çS F?€m F?dM? M?Q hQ JšM- i?"i i®i #B i K'vX X Xô

>` JšM L?m BK H†M; H„M; M;?2- b m F?B >¢ hmv i .mv M i`9i ? i #-m i•K bU- +¬ K
M?Q M? 'v b B i?"i ç'vX L?QM; K`X X X JbM? +?d ;Bª bY i?¬B M?û5ô *¬ HB + >¢
'v F?¬M; v m +¬ i M?Q K¼B M;QÌB M;?o i?b b Q\ a Q + "m F?¬M; i?Y M|B +?mv M

*¬ M?bM +?^K +?^K p`Q K°i F?QªM; F?¬M; i` M i`-M M?`- iQ`M i?•M +?Êi H¢M? i
i`QÊ+ +ÁM ?ÆM ç°i M;°i i?`i p¼M;Xô *¬ +QÌB F?`X

L|B +?mv M i? K çQÊ+ K°i H9+ M[i?b >¢ hmv i .mv M F m JšM L?m çB M;O i`QÊ+X
i?`i i bM? H9+ M`v +?d Km®M Î K°i KbM?- bmv M;?o p~M pÆ p ç®B T?QÆM;X > i
>B M M|B HÌB +?B i v pÈB +¬X

h?U+` >¢ hmv i .mv M +?ŠM; M;?o M;ÊB ;b M?B m +ª- pb ç-m |+ +¬ ?Q`M iQ`M i
M?bM i`-M M?`X

L;`v F iB TX \*¬ #` iB M; +?m¬M; çB M i?Q¢B ç€M? i?S+X h`-M h`bM? ;¼BX oW
b® +O M?- +¬ HB M [mŠM; çBX

h`-M h`bM? ;¼B K°i H-M /mv M?`i- b m ç| M? F?¬M; ;¼B i? K M[X h?'v çB M i
tm®M; M;O iB TX L?QM; +?Q çQÊ+ ? B KQÆB T?9i b m çB M i?Q¢B +¬ H¢B `2Q>

*¬ M?"M +m°+ ;¼BX

æ-m # M FB pW #„i çQÊ+ iQM ?B m ç½ M|B HB M i?Q„M;X ó*?` çB ç•m p"v\ \*?`
ç M; Î M?` B\ \*?` M? M? i`ª HÌB çB- +| #B i 2K HQ H„K F?¬M;\ \_®i +m°+ H` +?` ç

óL`v5ô *¬ H M iB M;X ó1K ?¼+ +€B i"i M|B M?B m +O B p"v\ô

ó*?` ç M; Î ç•m\ô *"m ?ÄB H¢B- ;B¼M; ;'T ;€TX

óL?` #¢MX >` JšM L?mXô

óa Q +?` H¢B ç M ç|\ô

óh`-M h`bM? F m 2K ?ÄB T?ªB F?¬M;\ô

æ-m # M FB `T 9M; p`B ;B•v- b m ç| BK H†M; K°i H9+- +m®B +MM; H` K°i ;B¼M;

ó>¢ hmv i .mv M5ô h`-M h`bM? M?'M K¢M? iWM; +?[X

*¬ BK H†M;- M;|M i v ;B[çB M i?Q¢B ?ÆB `mM `~vX

ó" Q ;Bì 2K p \ô :B¼M; M? /`m tm®M;- ç-v bU çÌB •M +¬MX

óæWM; çÊB 2K5 1K F?¬M; Km®M ;†T M? M[5ô J'v +?[+m®B +¬ ;¬M M?Q ?ûi H M
;®B K` F?|+ MS+ MÎX

L?[M; iB M; i9i i9i p°B p½ T?€i` iW +€B çB M i?Q¢BX h`-M h`bM? M;„i K€v- i`ª H

óa Q `²B\ E?B M`Q +?` 'v p \ô *"m ?ÄBX

óL?" >" JšM L?m î ç•m\ô h? v pb i`ª HìB +•m ?ÄB +O + "m- M? HçB ?ÄB M; QÊ+ H
 óG"K b Q 2K #B i çQÊ+ \ô * "m M?9M p BX
 h`-M h`bM? bmv M; ?o ; b ç! - `²B `9i çB M i?QçB iW i`QM; i9B [m-M ` X L; ! M i v i?Q
 ?bM? çB M i?QçB- b m ç! /WM; HçB- #'K ; ¼B +?Q B ç! X
 ó M? ; ¼B B p"v\ô >ç æ¬M; ok M?bM M?X
 ó"çMXô h`-M h`bM? i`ª HìB +° + H®+X
 >ç æ¬M; ok ? i ?SM; M!B +?mv M- + "m /U p"Q HQM; ;? - i v tQ v tQ v +€B çB m F
 óL; QìB +O i¬B î M?" +?9 T?ªB F?¬M; \ô h`-M h`bM? M!B- ; B¼M; +! p #U+ iS+X
 óX X Xô
 óL?" +?9 î ç•m\ô M? ; -M M?Q ? i FB M M?šMX
 óX X Xô
 óG€i M[i¬B ç M5ô M? +9T K€v- #"i /"v F?ÄB ;? - bªB iWM; #QÊ+ /"B ` +Y X
 h`QÊ+ F?B çB- M? +ÁM /†M >ç æ¬M; ok çWM; [m€ HQ- +kM; çWM; +?Q ¬M; >ç #E
 M? +?d F?¬M; Km®M ?¼ T?ªB HQ H„M; i? KX
 M? H€B t2 M? M? M?'i +! i? ç M M?" G•K >B MX S?ªB- M; QìB H9+ M½v M? ; ¼B
 iWM; ?ÊT i€+ pÊB M? m i`QM; K°i /U €M t•v /UM; i`mM; i•K Km b„KX Zm p"BH-M
 i?B iX L; v F?B #B i >ç hmv i .mv M î M?" M? i - M? +! ?ÆB M i•KX ob M m +¬ î
 i?•M M"Q ç! - M? b) T?€i çB M H M K'ix
 M? M; ?o +¬ ; B" M KbM? pb K'v ?¬K i`QÊ+ F?¬M; i? K çQ€B ?Q" B ç M +¬- M?QM;
 F?¬M; i? #Ä`ÆB GQÆM; S?B u M çQÊ+ - pb /M b Q +¬ i +kM; H" M; QìB M?" +O
 2K i` B +O M?X L?QM; ? B ?¬K i`QÊ+ ; †T +¬- i?€B ç° +O +¬ F?¬M; i H„K- p"v
 p"vX M? +ÁM iU ?ÄB- +?šM; H) F?B v m ç m p¬ HQ p" Q+? Fd M?Q p"v\
 >ç hmv i .mv M #Á tm®M; # T m®M; +?9i MQÊ+X "" p9 ç½ çQ G•K hQ JšM b M; M
 +, M M?" BK „M; ç M ç€M; bÊX
 G9+ çB M; M; [m T?ÁM; pÊ +?²M; G•K >B M- +¬ M; ?2 ? B M; QìB ?¼ +½B M? mX
 M; QìB i M M +¬ F?¬M; Km®M t2M p"Q +?mv M +O ?¼- pÊB HçB +¬ i?W #B i ? B
 çQÊ+ H•m- #îB G•K >B M Hm¬M ibK çQÊ+ +€+? /¶ /"M? pÊX
 o" B T?9i b m- G•K >B M +MM; >" JšM L?m #QÊ+ tm®M; X :QÆM; K†i >" JšM L?m
 >B M i?b HçB ?ÊM ?îX
 >" JšM L?m ç M # M +çM? +¬- ; B¼M; +! p 2 / X óhmv i .mv M- KbM? tBM H¶BXô
 ósBM H¶B +?mv M ; b\ô *¬ M; Æ M; €+ - ç†i HB MQÊ+ tm®M; #"MX ó*?šM; H) +¬ Km
 >B M t9B #"v ç9M; F?¬M; \ô *¬ HB + G•K >B M çSM; T?Q b mX
 óE?¬M; T?ªBXô JšM L?m H„+ H„+ i v M?Q ç M; +® #ªQ p +?²M; X óG€i M[X X Xô
 æ°i M?B M +! B ç! ç~v KçM? +Y ç p"Q- M; „i M; M; +•m M!B +O JšM L?mX
 óJbM? i?U+ bU tBM H¶BXô L!B tQM; - >" JšM L?m +MM; +?²M; #Ä çBX G•K >B M
 M?bM ç„+ i?„M; X
 *¬ +ÁM ç M; M; Æ M; €+ #îB HìB tBM H¶B p¬ +Ê +O >" JšM L?m- `²B +ª +€B M; QìB
 b m ç! +¬ ç½ ?B m `X
 > B M; QìB ?¼ pW #QÊ+ ` F?ÄB +Y i?b K°i M; QìB +! p!+ /€M; + Q HÈM #QÊ+ p"Q
 +¬ ? i M?Q K°i +QM i?9 b, M K²BX
 L½Q +¬ F?¬M; F`T ?Qç i ç°M; ç ` H M? +?Q +€+ +Æ T?ªB #Ä +?çv- M M +¬ +S çS
 p" B ; B•v `²B HçB +?mv M [m MÆB F?€+X

ó>¢ hmv i .mv M5ô h`-M h`bM? ;¼B i M +¬X hWM; +?[iWM; +?[`i`ä`M; p` 'K €T
 L;?2 i?'v i M KbM? çQÊ+ T?€i` K°i+€+? i`•M i`¼M; M?Q p"v- +¬ ?ÆB M?|B i`QM
 Hw i`Q ç½ p°B p`M; #€+ #Ä`^M;- M;QìB ç`M ¬M; M`v +?d ç M; çM ;BÐM pÈB KbM
 M? H¢B ;¼B i M +¬ H-M i?S ? BX E?Q°M; +€+? ;B[?¼ K¶B H9+ K°i ;¬M p` +¬ pš
 K„i M?X h`QM; F?B Hw i`Q ç M; K½B T?•M iQ+? i?b M? ç½ ç M i`QÊ+ K†i +¬X
 E?B ç`M? i?¬M H¢B- +¬ #QÊ+ HMB` b m p`B #QÊ+X
 h`-M h`bM? çQ i v ;B[+¬ H¢BX ó1K ç M; M;?o ;b p"v ?ª\ô
 *¬ F?¬M; i`ª HìB- pšM +S +9B ç-m i`€M? €M? K„i +O M?X
 ""M i v M? ;B[+?†i 2Q +¬- i v FB çQ H M M•M; K†i- #„i +¬ M?bM p`Q K„i M?X
 M;?o ;b\ô
 G¬M M`v +¬ F?¬M; i`€M? Mû M[X *¬ i`ª HìB M? #^M; +€B ;B¼M; F?BM? F?dM?X
 M? +| çQÊ+ +Æ i? M`v- M? b) #m¬M; 2K` F?¬M;\ô *Æ i? +¬ iU ç°M; /QM? b€i
 çQ ibM?X
 M? #` ;B"i KbM? #ÎB +•m M|B p` ?°M? ç°M; +O +¬X hQ`M i?•M M? +?Êi +SM; H
 #QÊ+ HMB p b m K°i #QÊ+- ;QÆM; K†i?B M`ä Mûi ç m F?`X óa Q 2K F?¬M; iBM
 *¬ +QìB F?~v- /U p`Q #`MX ó1K M M iBM; b ç•v\ hBM p`Q ibM? +ªK M? /`M? +?Q
 ? v iBM`^M; M? ç M pÈB 2K +?d pb bU ?SM; i?9 #`i +?Êi\ô *¬ M;?B M`„M; M|B`
 ó B M|B pÈB 2K +?mv M ç|\ô h`-M h`bM? +? m K`v- M? F?¬M; M;î +¬ H¢B bmv M;
 *¬ H¢B +QìB M?¢i- MK +QìB +?S iQ`M M¶B +?m t|iX óa Q ?ª\ `` 2K T?€i?B M M
 i ç ;•v bU +?S ;b\ô
 "B m +ªK i` M ;QÆM; K†i +¬ H9+ M`v i?U+ bU`i ç€M; ;?ûi- M? F?¬M; #B i B H
 M?ªK M?Q ç| pÈB +¬X æ9M; H` M? ç`M? ibK M;QìB imM; iBM ç| ç i`WM; i``- pb +
 i@i ç T +O +¬ pÈB M?X
 M? iB M H M K°i #QÊ+- bB i +?†i +€M? i v +¬X ó B M|B\ô
 æ¬m K`v +¬ F?) M?Qm H¢B- +®`9i +€M? i v` F?ÄB i v M? M?QM; F?¬M; i?°M?X
 ó M? ç M; ?ÄB 2K5ô :B¼M; M? ç-v bU iS+ ;B"MX
 ó"Ä i v 2K` 5ô *¬ ;Ð iWM; M;|M i v M?X
 > B M;QìB ;B^M; [m ;B^M; H¢B- M? FûQ iÈB- +¬ FûQ HmB- +m®B +MM; F?B M +
 ç-m- ç H° K°i T?¬M #-m M;U+ i`„M; MäMX
 M? #m¬M; i v- #„i ;†T +ªM? ç T i`QÊ+ K„i F?¬M; i? F?¬M; M;„K M?bM H•m K°i +
 >¢ hmv i .mv M M?bM i?2Q €M? K„i M?`ÆB tm®M; M;U+ KbM?- +¬ p°B p`M; çQ i
 L;|M i v M? KÆ ?² +ªK M?"M çQÊ+ bU b,M +?„+ +O M;U+ +¬ [m HÉT pªB KÄM;X
 óæ² ç m ;Bª5ô *¬ K„M;- +„M +?†i +€M? K¬B /QÈB- K„i`QM;`QM; H X
 ó1K M|B ;b\ô M? i`WM; K„i M?bM +¬- Km®M t€+ M?"M H¢B HìB +¬ pW M|BX
 G¬M M`v +¬ F?¬M; i? iÄ` K¢M? K) çQÊ+ M[X LQÊ+ K„i +?ªv /`B i` M F?m¬M K
 ç€M? p`Q M;U+ M?X ó\_ä`M; F?¬M; v m 2K- i¢B b Q +ÄM +¬m ?¬M\ _ä`M; #B i
 2K ç M t2K M? HQ H„M; +?Q M;QìB T?K M[F?€+ \X X ô
 h`-M h`bM? ç K†+ +¬ ;K+ p`Q M;U+ KbM? Q€M i`€+?- M?ì p"v K` M? #B i çQÊ+
 ;B" M KbM?X
 ó>¢ hmv i .mv M5ô M? ;¼B +¬ #^M; i`i +ª bU +?•M i?"M?X
 hB M; M'+ +O +¬ M?Ä /¬M- +¬ çSM; i?šM; /"v- çQ i v H M [m i MQÊ+ K„iX

óGQÆM; S?B u M ç M; K M; i? B +QM +O # M?- H" 2K i` B +O M?X 1K M; ?o M
>Y\ô M? +9B b€i Kti KbM? p"Q Kti +¬X

>¢ hmv i .mv M +?ÈT +?ÈT ç¬B K„i bQM; çÄ +O KbM? M?bM M?X

ó*! X X X i?"i F?¬M; \ô *¬ bKi bMB- /¬M +^aK i?'v t'm ?' F?B M; ?B M; ! M?X

ó>¬K ç! ç9M; H" M? ç½ b B F?B F?¬M; [m M i•K 2K ?ÆM- M?QM; K¢M; M; QÌB [n
F?¬M; +! Î ç! - M M M? T?^aB #^aQ p +¬ i i? v # Xô J„i M? +?mv M tm®M; +€M? i
H M- +?¢K p"Q HÈT #, M; K°i +€+? +~M i?"MX ó*ÁM ç m M?B m F?¬M; \ô

*¬ KQK K¬B- ;"i ç-mX

ó*ÁM M; ?B M; ! M? M[F?¬M; \ô M? +9B tm®M; M?bM p"Q K„i +¬X

*¬ H„+ ç-m- pMB Kti p"Q M; QÌB M?X L m +¬ +?`m M; ?2 HÌB >" JšM L?m- M!B ? i
pÈB M? i?b ç½ F?¬M; iU H"K KbM? i'M i?QÆM; M?Q K'v M; "v [m X

h`-M h`bM? i?m K°i T?ÁM; Î F?€+? b¢M +! iB M; i`QM; i?"M? T?®- pb +¬ F?¬M; i
`Y - M? ç M; ?` i? v #, M; p i i?QÆM; ; B9T +¬X *¬ F?¬M; iW +?®BX

", M; H¢B p i i?QÆM; tQM; - +¬ `9+ p"Q HÁM; M?X GÈT €Q M; O HQÈi [m / M? F
K„i M? /€M p"Q M; U+ +¬- `²B /B +?mv M iÈB +†T +?•M i?QM /"B /QÈB +€B p€vX

L; ²B # M +¢M? +¬ t2K T?BK i`mv M ?bM? K" M? F?¬M; i? i"Ti`mM; M' B- ç-m ! +
æ M F?B i` M iB pB +?B m +^aM? ? B M; QÌB ?¬M M? m- M? i?U+ bU F?¬M; FB K +

M? ; B[Kti +¬- #„i ç-m #^M; MK ?¬M T?Èi- `²B +m²M; M?B i /¬M /¬MX J¬B HQÐB ?
M; QÌB pW ibK i?'v bm®B M; m²M iQÆB K€iX ""M i v M? F?¬M; v M T?"M- i`QÈi
+O +¬X

"¶M; M?B M +¬ /WM; H¢B- ; B[+?†i i v M?X óL m ç½ H"K +?mv M M"v i?b M? T?
bm®i çÌB5 G"K çQÈ+ F?¬M; \ô

h`QM; K„i M? H9+ M"v +?d +! /K+ p¼M; M!M; #ÄM; X ó1K F?¬M; M; ?o K'v HÌB M"v
M"v b Q\ô ""M i v M? H¢B /B +?mv MX

ó>S pÈB 2K çB5ô *¬ +QÆM; [mv iX

M? /WM; H¢B- M; ?B K i9+ M?bM p"Q K„i +¬- M!BX ó M? b) +?`m i`€+? M?B K +^a

>¢ hmv i .mv M KdK +QÌB ?¢M? T?9+- +?O ç°M; iB TiK+ /K+ p¼M; ç M; / M; /ÎX

M? # M; M; +¬ p"Q T?ÁM; M; O- ç†i H M +?B +; BQÌM; K K K¢BX L; !M i v M? HQ
p€v M; O K¶B H9+ K°i + Q ?ÆMX M? M?bM i?'v bU +, M; i?ŠM; i`QM; K„i +¬ F?B i
+O +¬X J„i M? ; ?BK +?†i p"Q K„i +¬- `²B M? +9B ç-m- M; "K H'v +€M? K¬B `mM
?ÆB /²M /"T- H"K H²M; M; U+ T?"T T?²M; H M tm®M; +~M; FQ+? i?Q+? M? ?ÆMX
F?) `MM; KbM? pb ?ÆB H¢M? M p"QX

M? FûQ +€M? i v #` i?QÆM; +O +¬ ç†i H Mi` M ç-m- ç¬B K¬B #„i ç-m ?¬M F?„T
+~M; tm®M; /¬M T?Q /QÈB- iB M; i?Î+O +¬ +~M; /²M /"TX æ M F?B K¬B M? +?¢
` K°i iB M; ` M- ? B çMB F?ûT +?†i H¢BX L?bM +¬ [m^M [m¢B- M? +kM; F?¬M; /
ç½ ``i HÈM `²BX

M? H°i i`-M +¬ ` - K¢M? K) i€+? ? B +?•M +¬ b M; ? B # M `²B iW iW ?¢ i?•M /Q
+?"K `½B K" +?QM? t€+X

"` p"i H¢t•K M?"T- +¬ +<sup>a</sup>K i?'v ç m M? !B- M; U+ #` M? pÁ M€i +kM; F?¬M; F?€ ?
M? M?Q+? p"Q K°i +?9i- +¬ H¢B #"i` iB M; ` M `d ç-v QÈi €iX M? +SM?Q+? p"
F?¬M; #B i M! /"B ç M +Ð M"Q K" M? çQ p"Q K½B F?¬M; +?`m `9i` X

ó1K +?†i [m€5ô M? i?b i?¬K- ; B¼M; M!B ç-v K K`X

óE?¬M; T?^aB- pb M? HÈM [m€5ô oW M!B tQM; - +¬ HB M t'm ?' 9T Kti p"Q p B M

M? # "i + QÌB b^aM; F?Q€B- /WM; H¢B ¸°M; i€+ iB M p"Q F?B M +¬ ?Ki ?šM;X
ó M? X X X K m p"Q ¸B X X Xô *¬ M" B Md v m ÈiX
:B¼M; M|B /K ?Q†+ +O +¬ FQ+? i?Q+? M? ?ÆM- M? +ÁM ¸ M; HQ +¬ F?¬M; +?
pk M? M? M? ?ÆMX *¬ ;€B M"v i?"i #B i [mv M `k M; QÌB F?€+X
ó a) ¸ m K°i +?9iXô M? M|B- M?QM; +¬ +?šM; ¸ i•K- +?d óWKô K°i iB M; H'v H X
æ M F?B M? p"Q i?"i b•m- i?"i K¢M? K)- +¬ KÈB ?®B ?"M F?|+ tBM M? ¸B `X L?C
iB i K'v M,K [m pb +¬ ¸•m i? / /"M; #Ä [m +Æ ?°B M"v ¸QÊ+X
E?B +¬ F?|+ - M? H"K +?"K H¢BX E?B +¬ ` M `d- M? i,M; i®+X > B M; QÌB T?®B ?
+S iB T /B M i? K p" B H-M M[X
æ M H-M i?S iQ- +¬ i?U+ bU +¢M FB i bS+ HU+- T?ªB +¬m tBM i? - M? KÈB +?`m
"ÎB p"v- +?¼+ ; b i?b +?¼+ - ¸WM; +?¼+ ¸ M M; QÌB ¸"M ¬M; ;B[i?•M pb #¢MX
> B +Æ i? QÈi ¸šK K² ?¬B p" KMB ?|Q+@K¬M- M? pMB K†i p"Q M; U+ +¬- ?Qi ?"X
ó 1K T?ªB ¸B i„K5ô *¬ pm®i i|+ M?- ; B¼M; H¢+ ¸B pb ?ûi M½v ; BìX
ó J°i H9+ M[i?¬B5ô M? ; B[+?†i +¬- M" B Md M?Q K°i ¸S i` X
*¬ # "i + QÌB- H²M; M; U+ `mM H MX *| i? H9+ M½v +¬ [m€ / /½B pÈB M?- F?B i? i
i`QM; iB M? v m ?¼ Hm¬M KM [m€M; M?Q p"v- M? +?d +¬M /¶ M; ¼i p" B +•m- +¬ ¸½
>¼ ¬K M? m- +?bK M; "T i`QM; MB K ?¢M? T?9+X
*a ¸ K +¬ M; O `i M; QM p" `i M; Q M- F?¬M; ¸€+?, M? v H, M H°M F?„T MÆBX h`ìB
;B'+- [m v b M; M?bM +?^K +?^K +¬ ; €B # M +¢M?- K°i +ªK ; B€+ #bM? v M H¢i?Q
M? pm®i p2 ; QÆM; K†i +¬ i?"i M? M?"M; - `²B H¢B i`QÊi tm®M; +€M? i v # `i?Q
M?"M ` p i i?QÆM; M"v- M? ¸ +¬ K°i KbM? +?`m ¸UM;X
L?È H¢B ?bM?ªM? [mv M `k M; "v ¸| +O +¬- M? H¢B #` /K+ p¼M; i?B m ¸®i- +ªK
HÄB F?„T M; QÌB M?X æ`M? #KM; b) H"K i? K K°i +€B M[- M?QM; F?B H"i i'K +
#-K iQK F?„T +Æ i? +¬- M? F?¬M; M?šM i•K H"K ; b M[X
*¬ i`Î KbM?- [m v b M; `9+ p"Q M; QÌB M?- pb HÈT +?, M #` FûQ tm®M; M M +¬ +Q
tm®M; - pÁM; i v # Q i`¼M H'v +¬ ; €B #û M?Ä +O KbM?X
J°i M; "v i?€M; KQÌB K°i- imv i #„i ¸-m `ÆBX *¬ ¸½ idM? M?QM; F?¬M; KÎK„i pb K
h`bM? # M +¢M?X a m F?B t€+ M?"M pÁM; i v M? ¸ M; [m'M H'v KbM?- +¬ KÈB v
ó *?"Q #m´B b€M; 5ô M? M|B- i†M; +¬ K°i MK ?¬M H M K¬BX
*¬ KdK +QÌB M; ®+ M; ? +?- ¸Q i v H M +?¢K p"Q F?m¬M K†i M?X J°i +ÆM ¸ m M
K†i M?bM tm®M; +€M? i v KbM?X hWM; p i iQK iQK p" M; p" M; `ªB ¸-v +€M? i v +
M"Q i` M +Æ i? +¬ +kM; +| p i #-K- ¸†+ #B i /"v ¸†+ Î M; U+- ? B # M 2Q p" T?Q
T?¢K ; •v ` M?[M; i?QÆM; iQ+? ¸|X
M? H"K ` p p¬ i°B- i`ÁM K„i M?bM +¬X ó>¬K [m M? +| ?ÆB T?'M F?Q+?Xô
*¬ M?QÈM; K"v ¸-v M; ?B M; ÌX ó>ÆB\ô *¬ ; B" M /¶ BX
M? ; "i ¸-mX
ó M? HW 2KXô *¬ #m°+ i°B M?- #„i ¸-m F H X ó M? M|B b) ¸ m K°i +?9i M?QM
M? #ªQ b) M? M?"M; M?QM; H¢B F?B M 2K #-K iQK F?„T M; QÌB- M? M|B i? K K
H-MX 1K F?¬M; iBM M? M[¸•m5ô *¬ HB + M?- ¸~v M? ` t X
ó 1K F?¬M; #B i H" F?¬M; M M iBM HìB ¸"M ¬M; F?B Î i` M ; BQÌM; b Q\ô M? +?²K
i` MX
ó M? tm®M; K m5ô *¬ ?QªM; bÊ ¸Q i v H M +?®M; ¸Ð M; U+ M?- M; ,M F?¬M; +?Q

*?d #^M; K°i ç°M; i€+ F?¬M; K'v F?| F?,M- M? ç½ FûQ ? B i v +¬ H M çdM? ç-m-
 *¬ #„i ç-m p M tBMX óæWM; K"5 1K ç m5ô
 ó M? ?S H-M M"v b) F?¬M; ç m5ô LK+QìB i` M K¬B M? +`M; i`Î M M t'm t ?ÆM
 óh v 2K ç m5ô :B¼M; M|B K K KÄM; T?€i` iW+€M? K¬B ~K QÈi F?B M M? F?¬M
 "° T?"M ç`M ¬M; +O M? ç½ +,M; +SM; ç m M?S+- +¬ +| i? +ªK M?"M çQÊ+ `ä`"M
 ;B[?¼ +ÁM +| HÈT +?,M /"vX
 óE?¬M; F`T M[ `²B5ô GìB pW M|B` - M? ç½ p°B p`M; +?mB p`Q i`QM; +?,MX E?
 i? iB M p`QX
 GìB M|B óF?¬M; ç mô +O M? H¢B i`Î M M p¬M; ?o X a m +m°+ K•v KQ - K†i +¬ t
 +® /¶ /"M? +¬ M?QM; F?¬M; i?"M?X
 óæWM; +?¢K p`Q 2K5ô *¬ [m v HQM; H¢B pÈB M?X
 óL"v- K'v M;"v iÈB M? T?ªB çB +¬M; i€+ F?€ H•m M M KÈB +m²M; M?B i M?Q p"v5
 ó*kM; +| T?ªB F?¬M; ;†T H¢B M[ç•m5 M? H`K M?Q p"v b Q 2K /€K p M?"\ô
 óí M?" M?5ô h`-M h`bM? +?¢K p`Q p B +¬- ;B¼M; ç-v +QM; +?B mX
 >¢ hmv i .mv M BK H†M; ?²B H•m- +m®B +MM; +kM; +?"m M?bM M?X ó M? çB +¬
 ó" im-MXô M? pm®i i|+ +¬- F?) ?¬M H M i`€M +¬ K°i +€BX
 óæ M MÆB M?È ;¼B +?Q 2KXô L;|M i v +¬ pm®i p2 +€B +^K H9M T?9M `•m +O M?
 M;|M i v KÈB / +?"m H`K b QX
 " im-M t M? m- M;"v M`Q M? +kM; ;¼B çB M +?Q +¬X æ i`ª i?M M? pb i°B /€K
 +¬ ç½ ;YB iBM M?"M +?Q M?X L?[M; iBM M?"M +O +¬ iQ`M çQÊ+ ;YB çB p`Q ;Bì
 HQ¢B M?Q óJ'v p i #-K i M ;¬M ? i`²B- 2K +ªK i?'v M?È +?9M; ô ?Q†+ H` ó?¬K M
 K`m ç2M- M?bM tBM? H„Kô p` çdM? çB K H` F?B +¬ ;YB +?Q M? i'KªM? +?KT Kb
 F K /ÁM; +?[óM?È M? `²BôX
 J`K iQM? +ÁM ?ÆM #®M M;"v M[M? KÈB p - M M F?B M? ;¼B +?Q +¬- ;B¼M; +
 óæ T F?¬M; ?ª\ô *¬ ?ÄB- +QìB i?¬K i`QM; #KM;X
 ó1K pmB H„K "\ M? ç M; F?| +?"m H„K ç•v5ô *¬ M; ?2 i?'v ?ÆB i?Î M; „i [m½M; +O
 æ€M; çìB M?- +?Q +?W +€B i°B H`K 2K #` i?QÆM;X *¬ M; ?o i?¬KX óomB +?S5
 H`K 2K #-K iQK M?Q p"v M[F?¬M; \ô
 ó1K M M #B i H` i?€M; M;"v +?9M; i Î# M M? m +ÁM `i /"B- 2K M; ?o 2K i`ª i?M M
 óJ¶B H-M M? çB +¬M; i€+X hQM? ` F?QªM; +?WM; K¶B i?€M; K°i H-MXô G-M
 F?¬M; ? +?2 ;B'm +ªK t9+ +?B M i?"M; +O KbM?X
 h`-M h`bM? ç°i M; °i M; „i K€v F?B M +¬ +`M; F?Q€B +?Q ?ÆMX *¬ pšM K†+ #° €Q
 M; ÈM i` M +€B ;? /"B i`QM; T?ÁM; b€+? ç¼+ b€+?X
 J°i H9+ H•m b m- +¬ ;'T +m®M b€+? H¢B- çSM; /"v pQÆM p B- tQ v M; QìB i`Î p
 M; QìB çSM; Î +Y M?bM +¬ M½v ;BìX
 >¢ hmv i .mv M KWM; `Ð- +?¢v ç M çm H M M; QìB h`-M h`bM?X
 óE?¬M; T?ªB #®M M;"v M[M? KÈB p b Q\ô *¬ çSM; tm®M; M?QM; +Æ i? pšM /
 óL m 2K F?¬M; ;YB K'v +€B iBM M?"M +? i iB i ç| i?b ;Bì M`v M? ç½ F?¬M; Î ç•v`
 H¶B +?Q +¬ H`KªM? ?QîM; ç M +¬M; pB + +O M?X
 ó M? ç½ ,M ;b +?Q \ô *¬ ?ÄB- +® H€B b M; +?O ç F?€+X

ó M? ç½ M?`M KQÌB H,K M;`v M v `²B- F?¬M; i? M?`M i? K çQÊ+ M[5ô M? M„K
b€+?X

óa Q H¢B F?¬M; ,M\ 1K H`K +?9i ;b +?Q M? M?û\ô *¬ M„K i v M?- ;B[H¢BX

ó•M 2K H` [m€ çO `²B5ô GÌB M? pW /Si- +¬ KÈB ?B m ` K'v M;`v [m M? M?`M ,
t'm t 5

h?9 iQM? +O ç`M ¬M; # KQÆB [mª i?U+ `i ç€M; bÊ5

h®B ç|- M? ç +¬ i` M +?B + ;? /`B /MM; ç M^K ç¼+ b€+?X G-M M`v +¬ ç½ [m2
F?¬M; +ÁM F?| +?`m M?Q H-M ç-m M[ - M?QM; +kM; F?¬M; K'v / +?`m F?B M? I

E?¬M; +?d /WM; H¢B Î ç|X G9+ +¬ M'm ,M- çQ i v [m i i?Y KB M; MQÊ+ b®i +?Q
h`bM? Î # M +¢M? M?bM +¬- K„i i®B b-K H¢BX M? i„i # T- F?¬M; ç i•K ç M iB M
ç†i i` M #`M ,MX

óL`v- 2K ç M; M'm ,M K`5ô *¬ #`i /"v- ç~v M? ` X

óo"v i?b çWM; +| H`K K'v +€B ç°M; i€+ FQ+? ibM? ç|5ô h v M? Hm²M p`Q i`QM; €Q

ó1K X X X H`K ;b X X X F?¬M; X X X /WM; H¢BXô *¬ ;B[i v M?- M; ,M F?¬M; i v
+O KbM?X h? M?QM; +¬ F?¬M; i? - pb F?B M? +?¢K p`Q- M; QÌB +¬ K K Q†i ` X

M? M? M? +?|M; +ÎB #Ä HÈT [m-M €Q pQÈM; pQm ;B[? B M; QÌB- 'M +¬ p`B H-M
M;mv M iQ i? Î i`QM; +¬- M? çQ +¬ p ;BQÌM;X

ó M? ?¼+ +€B i`Á M`v Î ç•m p"v ?ª\ô *¬ M'+ H M i?2Q K¶B #QÊ+ +?•M +O M?X

óG` #ªM M,M; i?¬B- +¬M ;b ?¼+Xô M? M;'m M;?B M +€M? K¬B +¬- i?ª +¬ M^K tm©

a m M?B m H-M- +m®B +MM; M? +kM; #B i +€+? /¢Q ç-m ç +¬ Qi ç m çÈM M?'iX
i`ÈM F?B M +¬ i /¢BX L?bM i?'v +¬ +,M; T?²M; KÌB ;¼B- M? F?¬M; M?šM i•K ;B'
K) iB M p`Q- H'T ç-v K¼B F?QªM; i`®M; i`QM; +Æ i? +¬X

J°i H-M F?€+- +¬ p¬ i?S+ HB K K¬B F?B ç M; ,M- #` M? #„i ;†T- i? H` M? H¢B H
#`M ,MX

J°i H-M F?€+ M[- +¬ pW i„K tQM;- ç-m i|+ QÈi M? TX M? M?bM i?'v HB M H-E
ibM? i`QM; ç|X

ó M? F?¬M; i?'v M;€M ``\ô *¬ M^K i`-M i`KB # M +¢M? M?- F?) ?ÄBX

óE?¬M;Xô h v M? H¢B K•M K +Æ i? +¬X

óJ B 2K p M?` ç•v- F?¬M; i? Î +¢M? M? i? K çQÊ+ M[5ô

ô X X X ô M? M?bM +¬ F?| ?B mX

óh?€M; b m ç€K +QÈB `²B5 1K F?¬M; i? K†+ p€v +QÈB pÈB K'v p i #¬K M`v çQÊ-
iQm30`B M?û5ô ó° çQi /¢BX

h`-M h`bM? bmv M;?o ;b ç|- `²B`9i çB M i?QçB iW i`QM; i9B [m-M`X L;|M i v
K`M ?bM? çB M i?QçB- b m ç| /WM; HçB- #'K ;¼B +?Q B ç|X

ó M? ;¼B B p"v\ô >ç æ¬M; ok M?bM M?X

ó"çMXô h`-M h`bM? i`ª HìB +°+ H®+X

>ç æ¬M; ok ? i ?SM; M|B +?mv M- +°m /U p`Q HQM; ;? - i v tQ v tQ v +€B çB m F

óL;QìB +O i¬B î M?" +?9 T?ªB F?¬M;\ô h`-M h`bM? M|B- ;B¼M; +| p #U+ iS+X

óX X Xô

óL?" +?9 î ç•m\ô M? ;¬M M?Q ? i FB M M?šMX

óX X Xô

óG€i M[i¬B ç M5ô M? +9T K€v- #'i /"v F?ÄB ;? - bªB iWM; #QÈ+ /"B` +Y X

h`QÈ+ F?B çB- M? +ÁM /†M >ç æ¬M; ok çWM; [m€ HQ- +kM; çWM; +?Q ¬M; >ç #E
M? +?d F?¬M; Km®M ?¼ T?ªB HQ H„M; i? KX

M? H€B t2 M? M? M?'i +| i? ç M M?" G•K >B MX S?ªB- M;QìB H9+ M½v M? ;¼B
iWM; ?ÊT i€+ pÈB M? m i`QM; K°i /U €M t•v /UM; i`mM; i•K Km b„KX Zm p`B H¬M
i?B iX L; v F?B #B i>ç hmv i .mv M î M?" M? i - M? +| ?ÆB M i•KX ob M m +¬ î
i?•M M`Q ç|- M? b) T?€i çB M H M K'iX

M? M;?o +¬ ;B" M KbM? pb K'v ?¬K i`QÈ+ F?¬M; i? K çQ€B ?Q`B ç M +¬- M?QM;
F?¬M; i? #Ä`ÆB GQÆM; S?B u M çQÈ+- pb /M b Q +¬i +kM; H`M;QìB M?" +O
2K i`B +O M?X L?QM; ? B ?¬K i`QÈ+ ;†T +¬- i?€B ç° +O +¬ F?¬M; i H„K- p"v
p"vX M? +ÁM iU ?ÄB- +?ŠM; H) F?B v m ç m p¬ HQ p`Q +? Fd M?Q p"v\

>ç hmv i .mv M #Á tm®M; # T m®M; +?9i MQÈ+X "" p9 ç½ çQ G•K hQ JšM b M; M
+,M M?" BK „M; ç M ç€M; bÊX

G9+ çB M; M; [m T?ÁM; pÊ +?²M; G•K >B M- +¬ M;?2 ? B M;QìB ?¼ +½B M? mX
M;QìB i M M +¬ F?¬M; Km®M t2M p`Q +?mv M +O ?¼- pÈB HçB +¬ i?W #B i? B
çQÈ+ H•m- #îB G•K >B M Hm¬M ibK çQÈ+ +€+? /¶ /"M? pÊX

o`B T?9i b m- G•K >B M +MM; >" JšM L?m #QÈ+ tm®M;X :QÆM; K†i >" JšM L?m

>B M i?b HϕB ?ÈM ?ÎX

>¨ JšM L?m ç M # M +ϕM? +¬- ;B¼M; +| p 2 / X óhmv i .mv M- KbM? tBM H¶BXô

óSBM H¶B +?mv M ;b\ô *¬ M;Æ M;€+- ç†i HB MQÈ+ tm®M; #¨MX ó*?ŠM; H) +¬ Km
>B M t9B #¨v ç9M; F?¬M;\ô *¬ HB + G•K >B M çSM; T?Q b mX

óE?¬M; T?ªBXô JšM L?m H„+ H„+ i v M?Q ç M; +® #ªQ p +?²M;X óG€i M[X X Xô

æ°i M?B M +| B ç| ç~v KϕM? +Y ç p¨Q- M;„i M; M; +•m M|B +O JšM L?mX

óJbM? i?U+ bU tBM H¶BXô L|B tQM;- >¨ JšM L?m +MM; +?²M; #Ä çBX G•K >B M
M?bM ç„+ i?„M;X

*¬ +ÁM ç M; M;Æ M;€+ #ÎB HÌB tBM H¶B p¬ +È +O >¨ JšM L?m- `²B +ª +€B M;QÌB
b m ç| +¬ ç½ ?B m ` X

> B M;QÌB ?¼ pW #QÈ+ ` F?ÄB +Y i?b K°i M;QÌB +| p|+ /€M; + Q HÈM #QÈ+ p
M?bM +¬ ? i M?Q K°i +QM i?9 b,M K²BX

L½Q +¬ F?¬M; F`T ?Qϕi ç°M; ç ` H M? +?Q +€+ +Æ TªB #Ä +?ϕv- M M +¬ +S çS
p¨B ;B•v `²B HϕB +?mv M [m MÆB F?€+X

ó>ϕ hmv i .mv M5ô h`-M h`bM? ;¼B i M +¬X hWM; +?[iWM; +?[`i `ä `¨M; p¨ 'K €T

L;?2 i?'v i M KbM? çQÊ+ T?€i ` K°i +€+? i`•M i`¼M; M?Q p¨v- +¬ ?ÆB M?|B i`QM
Hw i`Q ç½ p°B p¨M; #€+ #Ä ``M;- M;QÌB ç¨M ¬M; M¨v +?d ç M; çM ;BÐM pÈB KbM

M? HϕB ;¼B i M +¬ H-M i?S ? BX E?QªM; +€+? ;B[?¼ K¶B H9+ K°i ;-M p¨ +¬ pš
K„i M?X h`QM; F?B Hw i`Q ç M; K½B T?•M iQ+? i?b M? ç½ ç M i`QÈ+ K†i +¬X

E?B ç`M? i?-M HϕB- +¬ #QÈ+ HMB ` b m p¨B #QÈ+X

h`-M h`bM? çQ i v ;B[+¬ HϕBX ó1K ç M; M;?o ;b p¨v ?ª\ô

*¬ F?¬M; i`ª HÌB- pšM +S +9B ç-m i`€M? €M? K„i +O M?X

¨¨M i v M? ;B[+?†i 2Q +¬- i v FB çQ H M M•M; K†i- #„i +¬ M?bM p¨Q K„i M?X
M;?o ;b\ô

G-M M"v +¬ F?¬M; i`€M? Mû M[ X \*¬ i`ª HÌB M? #^M; +€B ;B¼M; F?BM? F?dM?X
M? +| çQÊ+ +Æ i? M"v- M? b) #m¬M; 2K` F?¬M; \ô *Æ i? +¬ iU ç°M; /QM? b€i
çQ ibM?X

M? #` ;B"i KbM? #ÎB +•m M|B p" ?"M? ç°M; +O +¬X hQ" M i?•M M? +?Êi +SM; H
#QÊ+ HMB p b m K°i #QÊ+- ;QÆM; K†i ?B M`ä Mûi ç m F?'X óa Q 2K F?¬M; iBM

*¬ +QìB F?~v- /U p"Q #"MX ó1K M M iBM ;b ç•v\ hBM p"Q ibM? +ªK M? /"M? +?Q
? v iBM`^M; M? ç M pÊB 2K +?d pb bU ?SM; i?9 #'i +?Êi\ô \*¬ M; ?B M`,M; M|B`

ó B M|B pÊB 2K +?mv M ç|\ô h`-M h`bM? +? m K"v- M? F?¬M; M; Ì +¬ H¢B bmv M;

*¬ H¢B +QìB M?¢i- MK +QìB +?S iQ" M M¶B +?m t|iX óa Q ?ª\ "` 2K T?€i ?B M M
i ç ;•v bU +?S ;b\ô

"B m +ªK i` M ;QÆM; K†i +¬ H9+ M"v i?U+ bU`'i ç€M; ;?ûi- M? F?¬M; #B i B H
M?ªK M?Q ç| pÊB +¬X æ9M; H" M? ç`M? ibK M; QìB imM; iBM ç| ç i`WM; i``- pb +
i®i ç T +O +¬ pÊB M?X

M? iB M H M K°i #QÊ+- bB i +?†i +€M? i v +¬X ó B M|B\ô

æ-m K"v +¬ F?) M?Qm H¢B- +®`9i +€M? i v` F?ÄB i v M? M?QM; F?¬M; i?"M?X

ó M? ç M; ?ÄB 2K5ô :B¼M; M? ç-v bU iS+ ;B"MX

ó"Ä i v 2K` 5ô *¬ ;Ð iWM; M;|M i v M?X

> B M; QìB ;B^M; [m ;B^M; H¢B- M? FûQ iÈB- +¬ FûQ HmB- +m®B +MM; F?B M +
ç-m- ç H° K°i T?-M #-m M; U+ i`„M; MäMX

M? #m¬M; i v- #„i ;†T +ªM? ç T i`QÊ+ K„i F?¬M; i? F?¬M; M; „K M?bM H•m K°i +

>¢ hmv i .mv M M?bM i?2Q €M? K„i M?`ÆB tm®M; M; U+ KbM?- +¬ p°B p" M; çQ i
L;|M i v M? KÆ ?² +ªK M?"M çQÊ+ bU b,M +?„+ +O M; U+ +¬ [m HÊT pªB KÄM; X

óæ² ç m ;Bª5ô *¬ K„M; - +„M +?†i +€M? K¬B /QÈB- K„i`QM;`QM; H X

ó1K M|B ;b\ô M? i`WM; K„i M?bM +¬- Km®M t€+ M?"M H¢B HÌB +¬ pW M|BX

G-M M"v +¬ F?¬M; i? iÄ` K¢M? K) çQÊ+ M[ X LQÊ+ K„i +?ªv /"B i` M F?m¬M K`
ç€M? p"Q M;U+ M?X ó_ä`"M; F?¬M; v m 2K- i¢B b Q +ÁM +¬m ?¬M\ \_ä`"M; #B
#„i 2K ç M t2K M? HQ H„M; +?Q M;QÌB T?K M[F?€+\\X X Xô

h`-M h`bM? ç K†+ +¬ ;K+ p"Q M;U+ KbM? Q€M i`€+?- M?Ì p"v K" M? #B i çQÊ+
;B" M KbM?X

ó>¢ hmv i .mv M5ô M? ;¼B +¬ #^M; i'i +ª bU +?•M i?"M?X

hB M; M'+ +O +¬ M?Ä /-M- +¬ çSM; i?ŠM; /"v- çQ i v H M [m i MQÊ+ K„iX

óGQÆM; S?B u M ç M; K M; i? B +QM +O # M?- H" 2K i` B +O M?X 1K M;?o M
>Y\ô M? +9B b€i K†i KbM? p"Q K†i +¬X

>¢ hmv i .mv M +?ÈT +?ÈT ç¬B K„i bQM; çÄ +O KbM? M?bM M?X

ó*! X X X i?"i F?¬M;\ô *¬ bKi bMB- /-M +ªK i?'v t'm ?' F?B M;?B M;Ì M?X

ó>¬K ç! ç9M; H" M? ç½ b B F?B F?¬M; [m M i•K 2K ?ÆM- M?QM; K¢M; M;QÌB [n
F?¬M; +! Î ç!- M M M? T?ªB #ªQ p +¬ i i? v # Xô J„i M? +?mv M tm®M; +€M? i
H M- +?¢K p"Q HÈT #,M; K°i +€+? +~M i?"MX ó*ÁM ç m M?B m F?¬M;\ô

*¬ KQK K¬B- ;"i ç-mX

ó*ÁM M;?B M;Ì M? M[F?¬M;\ô M? +9B tm®M; M?bM p"Q K„i +¬X

*¬ H„+ ç-m- pMB K†i p"Q M;QÌB M?X L m +¬ +?`m M;?2 HÌB >" JšM L?m- M!B ? i
pÈB M? i?b ç½ F?¬M; iU H"K KbM? i'M i?QÆM; M?Q K'v M;"v [m X

h`-M h`bM? i?m K°i T?ÁM; Î F?€+? b¢M +! iB M; i`QM; i?"M? T?®- pb +¬ F?¬M; I
`Y - M? ç M;?` i? v #,M; p i i?QÆM; ;B9T +¬X *¬ F?¬M; iW +?®BX

",M; H¢B p i i?QÆM; tQM;- +¬ `9+ p"Q HÁM; M?X GÈT €Q M;O HQÈi [m / M? F
K„i M? /€M p"Q M;U+ +¬- `²B /B +?mv M iÈB +†T +?•M i?QM /"B /QÈB +€B p€vX

L;²B # M +¢M? +¬ t2K T?BK i`mv M ?bM? K" M? F?¬M; i? i"Ti`mM; M´B- ç-m !+
æ M F?B i` MiB pB +?B m +ªM? ? B M;QÌB ?¬M M? m- M? i?U+ bU F?¬M; FB K +

M? ;B[K†i +¬- #„i ç-m #^M; MK ?¬M T?Èi- `²B +m²M; M?B i /-M /-MX J¬B HQÐE
+QM M;QÌB pW ibK i?'v bm®B M;m²M iQÆB K€iX ""M i v M? F?¬M; v M T?"M-

T?²M; +O +¬X

"¶M; M?B M +¬ /WM; H¢B- ;B[+?†i i v M?X óL m ç½ H"K +?mv M M"v i?b M? T? b m@i çÌB5 G"K çQÊ+ F?¬M; \ô

h`QM; K„i M? H9+ M"v +?d +| /K+ p¼M; M|M; #ÄM;X ó1K F?¬M; M;?o K'v HÌB M"v M"v b Q\ô ""M i v M? H¢B /B +?mv MX

ó>S pÈB 2K çB5ô *¬ +QÆM; [mv iX

M? /WM; H¢B- M;?B K i9+ M?bM p"Q K„i +¬- M|BX ó M? b) +?`m i`€+? M?B K +ª

>¢ hmv i .mv M KdK +QÌB ?¢M? T?9+- +?O ç°M; iB T iK+ /K+ p¼M; ç M; / M; /ÎX

M? # M; M; +¬ p"Q T?ÁM; M;O- ç†i H M +?B+ ;BQÌM; K K K¢BX L;|M i v M? HQ p€v M;O K¶B H9+ K°i + Q ?ÆMX M? M?bM i?'v bU +,M; i?ŠM; i`QM; K„i +¬ F?B i +O +¬X J„i M? ;?BK +?†i p"Q K„i +¬- `²B M? +9B ç-m- M;"K H'v +€M? K¬B `mM +¬ ?ÆB /²M /"T- H"K H²M; M;U+ T?"T T?²M; H M tm®M; +M; FQ+? i?Q+? M? ?ÆI \*¬ F?) `MM; KbM? pb ?ÆB H¢M? M p"QX

M? FûQ +€M? i v #` i?QÆM; +O +¬ ç†i H M i` M ç-m- ç¬B K¬B #„i ç-m ?¬M F?„T +M; tm®M; /-M T?Q /QÈB- iB M; i?Î+O +¬ +M; /²M /"TX æ M F?B K¬B M? +?¢ ` K°i iB M; ` M- ? B çMB F?ûT +?†i H¢BX L?bM +¬ [m^M [m¢B- M? +kM; F?¬M; / ç½ ``i HÈM `²BX

M? H°i i`-M +¬ ` - K¢M? K) i€+? ? B +?•M +¬ b M; ? B # M `²B iW iW ?¢ i?•M /Q +?"K `½B K" +?QM? t€+X

"` p"i H¢ t•K M?"T- +¬ +ªK i?'v ç m M?|B- M;U+ #` M? pÁ M€i +kM; F?¬M; F?€ ? M? M?Q+? p"Q K°i +?9i- +¬ H¢B #"i` iB M; ` M `d ç-v QÈi €iX M? +S M?Q+? p" F?¬M; #B i M| /"B ç M +Ð M"Q K" M? çQ p"Q K½B F?¬M; +?`m `9i` X

ó1K +?†i [m€5ô M? i?b i?¬K- ;B¼M; M|B ç-v K K`X

óE?¬M; T?ªB- pb M? HÈM [m€5ô oW M|B tQM;- +¬ HB M t'm ?´ 9T K†i p"Q p B M

M? #"i +QÌB bªM; F?Q€B- /WM; H¢B ç°M; i€+ iB M p"Q F?B M +¬ ?Ki ?ŠM;X

ó M? X X X K m p"Q çB X X Xô *¬ M" B Md v m ÈiX

:B¼M; M|B /K ?Q†+ +O +¬ FQ+? i?Q+? M? ?ÆM- M? +ÁM ç M; HQ +¬ F?¬M; +?
pk M? M? M? ?ÆMX *¬ ;€B M"v i?"i #B i [mv M `k M; Q`B F?€+X

ó a) ç m K°i +?9iXô M? M|B- M?QM; +¬ +?ŠM; ç i•K- +?d óWKô K°i iB M; H'v H X

æ M F?B M? p"Q i?"i b•m- i?"i K¢M? K)- +¬ KÈB ?®B ?"M F?|+ tBM M? çB ` X L

ó M? 'v #` b Q i? \ô \*¬ ?ÄB h`-M h`bM? F?B i?'v h`-M h¬M; çB b m K°i +¬ ;€B- i
+?QM? t€+ H` ?ÆB M;®+X

ó" i B M¢M ;B Q i?¬M; - M½Q #` aM? ?QÎM; - M| +| i M H` ;b ç| F?€ F?| M?È- +ÁM -
;€B M? 'vX o®M /o # M? ç`M? çQ M? 'v b M; 8+- M?QM; M? 'v +?d i?2Q K¶B
t T +?Q ?¼ K°i +?¶ i®i Î pMM; [m - i`€M? bU /ÁK M;| +O ç€K ç¬M;Xô M? M„K i v
h`-M h¬M; +MM; +¬ ;€BX

ó*?9+ KWM; ? B M;QÌB F i?¬M M?û5ô *¬ ;€B pÈB K€B i|+ /`B çQÊ+ i?a iU /Q KdK
>¢ hmv i .mv M ;"i ç-m +aK ÆMX *¬ ;€B 'v F?€ Qi +QÌB- +| T?¬M H¢M? HMM; pÈB K
+Æ ?°B i`Á +?mv M H•m pÈB ? B M;QÌB ?¼- pb ¬M; h`-M F?¬M; Km®M ç h`-M h¬
M M b m F?B +?KT i`K aM? ;B çbM?- ? B M;QÌB ?¼ çQÊ+ i`B t +?Î çBX

æB K ç M +O +?mv M # v H` EvQiQX Í F?Q M; i?QÆM; ;B - h`-M h¬M; +S +?,K+?
ç M; T?€i T?BK ?QÇi ?bM? óh?2 K xBM; rQ`H/ Q7 :mK# HHôX

óJ - K X G€i M[K Km +?Q +QM +QM :mK# HH M`v M?û5ô h`-M h¬M; M?äM; M?
L;mv M •M #^M; bS+ +O M;QÌB ç`M ¬M; ; -M #®M KQÆBX

L;mv M •M ç½ [m2M pÈB +€+? ?`M? tY M`v- +¬ Hm¬M T?aB ibK +€+? /¶ M? pb F?
`i F?| HQÌM;X óL m M? M;Q M 2K b) Km - çQÊ+ F?¬M; \ô

ó*QM M;Q M K`- H9+ M`Q +QM +kM; M;Q M K`5ô M? ;Bšv ;BK - #„i ç-m ç¢T ç² tm
+QM b) ;¼B çB M +?Q +?9 L?B m hB M- +?9 'v +?„+ +?„M b) Km +?Q +QM5ô

L;mv M •M [m v b M; M?bM h`-M h¬M; - M;QÌB ç`M ¬M; iWM; K°i i?ÌB #„i ûT +¬- #
M¶B M`vX L m F?¬M; T?aB +¬ MÊ M?- i?b +?ŠM; çO FB M M?šM ç T?Q ?Q`B im`B
+| # M? M?Q M?X

*?mv M tªv ` F?QªM; # M,K i`QÊ+X E?B 'v L;mv M •M pW i®i M;?B T æ¢B ?¼+
pB +X

:B çbM? +¬ F?¬M; F?€ ;Bª +?Q H„K- H¢B pb bS+ F?Ä2 #` L;mv M F?¬M; +ÁM i®i
ç`M? p [m FB K pB +- Î; -M K +?Q iB M +?,K b|+X :B çbM? ?¼ #bM? /` M?Q #
+| ? B çS +QM- K°i +,M M?` ;¶ pÈB +'m i`9+ +´ i` M KªM? pQÌM i`²M; ç-v ?Q bBK
M`v +€B ;b +kM; i?B m- +?d +| ibM? M;QÌB H` /Q /ªX

L;mv M æ¢B o„ ?ÆM +¬ +?QM im`BX E?B M? H M i?`M? T?® ?¼+ æ¢B ?¼+- # K
•M +kM; i?2Q M? H M i?`M? T?® ?¼+- # K +¬ #-M i?-M `ä H•mX

> B ¬M; #` HOB i?OB [m M? [m~M +| M? m- ?¼ i?QÌM; tmv M çB i?,K ?`M; t|K ç p
o`B M,K b m- L;mv M æ¢B o„ i®i M;?B T- M? FB K çQÊ+ K°i +¬M; pB +i®i Î i?`M
K `^M; KbM? b) Î ç•v Hm¬MX J¶B H-M p [m i?,K # K - L;mv M •M M?`M `¬M
M?QM; +¬ M,K H-M #ªv HQÊi F m M? i` B p K` F?¬M; i?`M?X

æ M F?B +¬ i®i M;?B T- pb Km®M T?KM; /QÐM; # K M M +¬ p H¢B [m - tBM p`Q
+€+? M?` ; -M K°i iB M; +?¢v t2X JS+ HQÆM; +O +¬ +kM; çO ç +?B i`ª +€+ F?Qª
M m bQ pÈB #^M; +'T +O +¬ i?b KS+ HQÆM; ç| F?¬M; iQÆM; tSM;X

*¬ v m +m°+ b®M; M`v- F?¬M; ²M `Q t¬ #² M?Q Î i?`M? T?®- +¬ i?Q+? çQÊ+ M^K +
K¶B +m®B im-M- +¬ i?Q+? M;?2 M?[M; K~m +?mv M p†i +O # - p` +¬ v m KMB ?Q
F?„T pQÌMX

*m°+ çÌB +O +¬ b) +?ŠM; +| ;b ç†+ #B i +?Q ç M K°i M;`v KM ? M„M; M|M; #S+-
+?Q +¬- M|B `^M; M? ç M; Î i`QM; iMX X X

oW M?"M çQÊ+ iBM- +¬ p°B p" M; ; QK Qi [m-M €Q- M|B /®B # K T?ªB H M i?"M?
+?mv M t2 bÊK M?'i H M i?"M? T?®X
Í i`QM; iM- L;mv M æ¢B o„ K†+ #° [m-M €Q K"m i`„M; F b¼+ ç2M- `•m `B H9M T
M M;Q`B- ?QªM; HQ¢M M?bM M? i` B Î# M FB - ;B[?¼ H" i`K FB M; /"vX
> B i v M? #` +ÁM;- ç†i H M #`MX
ó*?mv M ;b ç M; tªv ` p"v\ô J†i K"v L;mv M •M i`„M; # +? ` - K¬B +¬ #¶M; i`Î M M
L;mv M æ¢B o„ +Q`B F?'- M? i`€M? €M? K„i +O 2K; €BX óæWM; ç # K #B i5ô
ó_®i+m¬+ H" +| +?mv M ;b\ M? ç½ H"K ;b p"v ?ª\ô :B¼M; +¬ `mM `mM- MQÊ+ K„
ó M? +QÐM; ?B T +QM ;€B M;Q`B i Xô æ¢B o„ M|B ``M? K¢+?- M;QÊ+ H M M?bM +
L;mv M •M #`i F?|+ - MQÊ+ K„i M|M; ?`B H,M K½B i` M ;QÆM; K†i +¬X
óL;mv M •MX L;?2 M? M|B ç•v5 L;?2 +?Q `ä ç•v5ô M? €T i v H M FQM?- +?²K M;
a m p`B T?9i bKi bMB- L;mv M •M ç m F?' M;QÊ+ M?bM M? i` B- ?®+ K„i +¬ çÄ ?
ó*?mv M M"v M? +| H¶BX *¬ ;€B ç| m®M; i?m®+ M;O iU iY- #•v ;BÎ pšM +?Q idM?
*¬ M? ,M K"v- F?¬M; ?B m M? i` B ç M; Km®M M|B ;b5
óL m +| i? - 2K ?½v ç M ç| - M?"M H¶B `²B +?,K b|+ +¬ 'v çQÊ+ F?¬M; \ô
*¬ +® i bK i`QM; ç€v K„i L;mv M æ¢B o„ K°i +?9i #¬M; çM ?Q†+ K°i Qi /®B i`€ M?
ç M; M|B M;?B K i9+X
óh¢B b Q 2K TªB H"K p"v\ô *¬ i`WM; K„i M?bM M?- çQ i v H M H m MQÊ+ K„i i`
ó*| i? ?¼ b) `9i çÆM FB M- #ªM €M +O M? +kM; çQÊ+ ;BªK tm®M; +?9i QiXô \*`M
ó" Q H•m\ô L;mv M •M M;?B M `„M;- ;B¼M; +¬ i`Î M M H¢M? H)QX
ó>Y\ô L;mv M æ¢B o„ ;?û b€i i B p"Q i`K FQM?X
ó1K ?ÄB M? Î i`QM; M"v # Q H•m\ô *¬ ?ûi H M- ? B i v +m°M i?"M? M„KX
óL,K M,KXô M? +Q`B iU ;B m- /U HQM; p"Q ;? - €M? K„i ?QÈM; p K°i MÆB t t,K
L;mv M •M M?bM +?^K +?^K tm®M; KkB ;B"v- +¬ F?¬M; #B i KbM? M M H"K ;bX a
+?`m M?[M; H¶B H-K ç½ ;•v ` - ? v ç # K +¬ bS+ i`M HU+ FB i M?bM +QM i` B ?
iM\ *¬ i?U+ bU `i i`®B i`QX
a m p`B T?9i BK H†M;- +m®B +MM; +¬ +kM; H M iB M;X óL m +| i? ` iM bÈK- M
i?"i i®i- TªB çQ ?¼ ç M b®M; +MM; M?- TªB ç®B tY pÈB # K i?"i i?"i i®iX æO
L;mv M æ¢B o„ M?bM +¬- Mûi M;¢+ M?B M ?B M `ä i` M ;QÆM; K†i M?X ó1K ç`M
ó1K +¬M M? i? i`QÊ+ ç½Xô *¬ M;?B K i9+X
ó M? ?ÄB 2K ç`M? H"K ;b\ô
ó*S i? çB- tBM M?5ô *¬ H¢B #`i F?|+X ó M? +| #B i K'v M,K M? F?¬M; p M?`- #
*?Q /M X X X +?Q /M 2K +| M;Q M i? M"Q XX X i?b X X X i?b ?¼ pšM #m²MX X
M[;QÆM; K†i H¢BX
ó M? X X X çQÊ+ `²B M? i? X L?QM; 2K TªB ?S F?¬M; H"K +?mv M M;m M;®+ ;
óE?¬M; +¬M HQ +?Q 2K- +?d +¬M ;B[H`B ?S H" çQÊ+ `²B5ô
L;mv M •M i?2Q ç` +?d K" L;mv M æ¢B o„ +mM; +'T- H-M i bK ç M çQÊ+ K°i +,M M
iQÆM; ç®B `°M; `½B bQ pÈB K'v +,M M?" F?€+X
*¬ M?'M +?m¬M; ? B H-M- b m ç| +| ;B¼M; M|B T?€i ` iW +€B HQ M?Ä F # MX

ó*¬ ibK B\ô

ó§- tBM H¶B +| T?ªB M?" +O +¬ æBM? >QÆM; F?¬M; \ô

óS?ªBXô :B¼M; M K +°+ H®+ i`ª HÌB H¢BX

óh¬B +| i? p"Q i`QM; M|B +?mv M K°i H€i F?¬M; \ô

ó*¬ H" B\ô L; QÌB ç| iÄ p F?| +?`mX

óh¬B H" L; mv M •M- H" X X X H" X X X #¢M +O æBM? >QÆM; Xô *¬ M|B /®BX

a m K°i iB M; #QT- +€M? +´M; b„i M†M; M KÎ` iWX *¬ i?2Q H®B çB i?ŠM; p T?C

J°i M; QÌB ç" M ¬M; i`mM; MB M KÎ+Y +?Q +¬X

ósBM ?ÄB +| M; QÌB i?•M +O +¬ æBM? >QÆM; ÎM?" F?¬M; ¢\ô *¬ ?ÄBX

ó*"m +?O ç M; Îi`QM; T?ÁM; +¬ +?OXô «M; +?9 i`ª HÌB H¢M? M?¢iX

óo"v +ÁM # K +¬ 'v\ô

ó>¼ F?¬M; Î ç•v5ô

óS?ÁM; +¬ 'v Î ç•m p"v ¢\ô

óG M +¬m i? M; - T?ÁM; i?S ? B # M i v T?ªBXô «M; i +?d i v p T?Q +¬m i? M; X

L; mv M •M +9B ç-m +ªK ÆM ¬M; i `²B çB H M +¬m i? M; X h?U+ ` i`QÈ+ F?B ç M
M; QÌB #¢M H"K Î iÄ €M- M?QM; M; v F?B M; ?2 +¬ F bU ibM? +O M? i` B- +| M;
+| M; QÌB H¢B +?YB M? i` B +¬ F?®M M¢M +ÁM +¬ H" çS p¬ HB K bdx *?Q ç M F
M[- +¬ KÈB ç M ç•vX

"M i v +¬ ç†i i` M i v M„K +Y ?ÆB`mM`~v- +¬ +?d KQM; +¬ ; €B FB F?¬M; #` ; b
*€M? +Y KÎ` - +¬ `Ki` #QÈ+ p"Q i`QM; X *¬ ; €B M^K i` M ; BQÌM; M?„K M; ?B M
+€+ i?B i #` K€v K|+ ; b ç| çQÈ+ +„K ç-v M; QÌB +¬ ; €BX o" # M +¢M? ; BQÌM; +| K°
L; ?2 iB M; #QÈ+ +?•M- M? i [m v ç-m H¢BX æ| H" K°i ; QÆM; K†i F?€ ç T i` B- €
i?m ?9i- +| +?9i ; b ç| i?m°+ p bU ç"Q ?Q iÄ ` iW +Æ i? M? i X

ó*¬ H" B\ô :B¼M; M|B +O M? i +kM; `i M K iQM?- i`-K p" H¢M?X

óh¬B H" #¢M +O æBM? >QÆM; Xô *¬ +QÌB M?¢iX

óL|B /®BX "¢M +O æBM? >QÆM; b Q i¬B +?Q ; †T # Q ; BÌ\ô M? i çSM; /"v F?Ä
/-M iB M H¢B ; -M +¬X óL|B- +¬ H" B\ô

óh¬B X X X i¬B H" L; mv M •MXô

óL; mv M •M\ô M? i H M ; B¼M; F?B M|B i M +¬X

óG" 2K ; €B +O L; mv M æ¢B o„Xô *¬ ; BªB i?Q+?X

L; v F?B +¬ pW tQM; / M?- +´ HB M #` M; QÌB i bB i H¢B- ç~v HQM; +¬ ç" T p"Q iQ

óæ² F?®M M¢MX M? i` B +¬ H" HQ¢B b9+ p"i- +ÁM +¬ H¢B p€+ K†i ç M ç•v H"K ;
i?ªK i? M"Q\ S?ªB F?¬M; \ô ""M i v M? i +`M; bB i +?†i ?ÆMX

*¬ pMM; pšv FûQ #`M i v ç|` M?QM; p¬ Q+?X æ M F?B K†i +¬ çÄ #WM; H M- M?
L; mv M •M M; ½ bKT tm®M; b" M- ?Q b†+ bK X

ó"B M çB5ô M? i ; ^M iWM; +?[- [m v HQM; H¢B pÈB +¬X

*¬ M„K H'v ®M; [m-M M? i - +® ; „M; T?€i` K'v +?[X óG"K ÆM- tBM M? `9i çÆM
h¬B #B i M? i¬B +| H¶B X X Xô

ó*•K M; v5ô M? i M; „i HÌB +¬- ç°i M; °i [m v H¢BX óæWM; +| K¨ H¨K çB m #° i°B
 i`QÊ+ F?B i¬B ;¼B +ªM? b€iXô
 óG¨K ÆM M; ?2 i¬B M|BX X Xô *¬ #€K H'v +?•M M? i - #Á /QÊB b¨M M?¨X
 M? i `9i çB M i?Q¢B ` ;¼B B ç|- tQM; H¢B ç€+¬ ` X ó"Äi v ` X æ² ç¨M #¨ p¬ HB
 a m ç| +| p¨B M; QÌB ç¨M ¬M; t¬M; p¨Q i9K +¬ H¬B ` M; Q¨BX
 G¬M ç¬m iB M i`QM; çÌB +¬ #` M; QÌB i +?YB- H¬M ç¬m iB M i`QM; çÌB +¬ #` M; Q
 M?K+ M?½ ç¬m iB M i`QM; çÌB ç M +MM; K°i H9+- M?QM; +¬ F?¬M; #Ä +m°+X
 a€M; ?¬K b m- +¬ ç M i?, K L; mv M æ¢B o„- ?ÄB t2K M? +| #B i# K +O æBM? >C
 i`ª HÌB F?¬M; #B i- i? H¨ +¬ H¢B K'i çB K°i iB ?B p¼M; X L m +| i? - +¬ Km®M ç
 ?¼- pb M; QÌB H¨K +? K Hm¬M # Q /mM; pÈB M; QÌB F?€+ ?ÆMX
 L; mv M •M F?¬M; #Ä +m°+X *¬ H¢B ç M +, M M?¨ ç|- çSM; `bM? Î?¨M; `¨Q pb F?¬M
 >ÆM i€K ; BÌi®B- +m®B +MM; M; QÌB ç¨M ¬M; FB +kM; tm'i ?B MX M? i K†+ p2b
 ç2M b M; i`¼M; X *¬ p°B p¨M; ç|M t2- bœM b¨M; #€K i?2Q M? i X
 s2 +O ?¼ `) p¨Q K°i [m€M # ` M´B iB M; - +¬ F?¬M; [m2M M?[M; MÆB ²M ¨Q M?Q p
 çUM; #QÊ+ p¨Q i`QM; X
 M? i +MM; ? B p bo p¨Q K°i T?ÁM; i` M i¬M; ? B- Îi`QM; ç| `i H•mX :¬M ? B iB
 F?ÄB T?ÁM; X a m F?B HûM M?bM p¨Q # M i`QM; p¨ +?„ +?„ M +?d +ÁM H¢B KbM
 M? i F?¬M; ç w ç M bU tm'i ?B M +O L; mv M •M- +S M; ?o H¨ M?•M pB M T?K+ p
 L; mv M •M [m€ tm®M; # M +¢M? M? i - ; B¼M; +¬ F?¬M; +| +?9i ; b H¨ bÊ b iX ósB
 i¬B çQÊ+ F?¬M; \ô
 M? i KÎK„i- M?bM i?'v +¬ [m€ Î ç| HB M MûK Hv `QÊm p¨Q M; QÌB +¬- `²B pÈB H'
 çÄ +O `QÊm p M; i?'K M? M? i` M +€B €Q K¨m p¨M; +? M? +O +¬- i¢Q i?¨M? K°i
 ó*9i çB5ô M? i HQÌB M?€+ /U M; QÌB p¨Q ; ? - F?¬M; i? K M?bM +¬X
 óh`¬M h¬M; 5ô "¶M; +| M; QÌB t¬M; p¨Q pÈB ; QÆM; K†i ?² ?ÎBX L?QM; F?B M?bM
 M? i HB M H†M; H) `9i HmBX
 h?b ` M? i i M h`¬M h¬M; - M?QM; +¬ ; €B K¨ M? +¬ H¨K i´M i?QÆM; H¨ ?¼ æBM?
 K F?€+ +? \ L; mv M •M iU ?ÄBX
 ó*¬ F?¬M; +9i çB ç9M; F?¬M; \ æQÊ+X æ i¬B t2K +¬ +ÁM /€K #ûM KªM; iÈB ;¬M
 i M; ½ ç¬m ` b mX óE?B K- h?¨M?- tY +¬ i 5ô
 L; mv M •M ; B¨i KbM? M?bM ? B M; QÌB ç¨M ¬M; çB ` iW i`QM; ;| + i®BX ó M? M; ?
 M? `9i çÆM FB M- i¬B i? b) H¨K #'i +S +?mv M; b M? v m +¬mX h¬B b) H¨K K¼E
 > B M; QÌB ç¨M ¬M; FB ; B[i v +¬- ?¼ /MM; +?•M ç€ K¼B i?S i` M +€B #¨M i?'T i`
 ç'i- `²B ç +¬ M^K tm®M; X L; mv M •M ; B½v ; BK - KB M; F m H M +¬m +SmX J°i M
 +?•M- ?¼ #„i ç¬m +ÎB +9+ €Q bÆ KB +O +¬ ` X
 h v +?•M +¬ ç€ HQ¢M t¢- MQÊ+ K„i i`¨Q ` X L; QÌB ç¨M ¬M; T?Q /QÊB ç½ H°i tQM
 +?¢K p¨Q HQM; [m¬M +¬ +?m¨M #` FûQ tm®M; X
 ó.WM; H¢B çB5ô h`¬M h¬M; ` H M?- +?•M K¨v M? M?Qm H¢B ;¬M M? mX M? F?-
 +?QÊM; K„i F?B +¬ #` ? B M; QÌB ç¨M ¬M; FbK tm®M; #¨MX
 h`¬M h¬M; /m¶B +?•M- F m ? B M; QÌB ç¨M ¬M; i?ª +¬ ` X M? çSM; i`QÊ+ K†i +¬-
 +¬- /WM; H¢B K°i H9+X ó: BÌi?b +¬ ç½² #B i +ªK ; B€+ F?B #` +QDM; #S+ +?Q \ *Á
 F?¬M; \ æ² ç¨M #¨ p¬ HB K bd5ô
 L; mv M •M H, M tm®M; b¨M- ? B i v +¬ ; B[+?†i p¢i €Q bÆ KB- F?| + F?¬M; i?¨M? i

h`-M h¬M; M¡B iB TX óG-M b m K" +ÁM tm'i ?B M i`QÊ+ K†i i¬B i?b i¬B F?¬M; ç•mXô

M? i çB `²B- +¬ pšM M;²B Î ç¡ Mm®i MQÊ+ K„iX E?¬M; çQÊ+- +¬ iU M?O- M m H9 +Sm M? i` B ` b) +¨M; ?B K ?QB ?ÆM M[- # K +¬ b) T?ªB ç m HÁM; i? K M[X

k8X *?QÆM; Re, SXj *?QÆM; R, "bM? JBM? E?m'i G®B a m J¨M æ

h`QÊ+ ?¬M H - >¢ hmv i .mv M +¡ K°i #m´B ;†T K†i pÈB M?¨ h`-M h`bM?X «M; h` GQÆM; S?B u MX o¨ H-M ç-m iB M +¬ çQÊ+ ;†T ? B M;QìB M? i` B HWM; Hšv + h`-M h¬M;X

> B M;QìB ?¼ #^M; im´B M? m- h`-M h`¢+? ` çìB i`QÊ+ h`-M h¬M; #®M i?€M; M

'M iQÊM; ç-m iB M F?B +¬ M?bM i?'v h`-M h`¢+? H¨ M? [m€ ç¶B ç T i` B- +ÁM p iQ t€+X æ9M; p"v- h`-M h¬M; H¨ çS i` iQ t€+X

ó M? 'v #` b Q i? \ô \*¬ ?ÄB h`-M h`bM? F?B i?'v h`-M h¬M; çB b m K°i +¬ ;€B- i +?QM? t€+ H¨ ?ÆB M;®+X

ó" ` i B M¢M ;B Q i?¬M;- M½Q #` ªM? ?QÎM;- M¡ +¡ i M H¨ ;b ç¡ F?€ F?¡ M?È- +ÁM - ;€B M? 'vX o®M /o # M? ç`M? çQ M? 'v b M; 8+- M?QM; M? 'v +?d i?2Q K¶B t T +?Q ?¼ K°i +?¶ i®i î pMM; [m - i`€M? bU /ÁK M;¡ +O ç€K ç¬M;Xô M? M„K i v h`-M h¬M; +MM; +¬ ;€BX

ó*?9+ KWM; ? B M;QìB F i?¬M M?û5ô *¬ ;€B pÈB K€B i!+ /¨B çQÊ+ i?ª iU /Q KdK

>¢ hmv i .mv M ;"i ç-m +ªK ÆMX *¬ ;€B 'v F?€ Qi +QìB- +¡ T?¬M H¢M? HMM; pÈ M?B m +Æ ?°B i`Á +?mv M H•m pÈB ? B M;QìB ?¼- pb ¬M; h`-M F?¬M; Km®M ç M;QìB H¢- M M b m F?B +?KT i'K ªM? ;B çbM?- ? B M;QìB ?¼ çQÊ+ i`B t +?Î çB

æB K ç M +O +?mv M # v H¨ EvQiQX Í F?Q M; i?QÆM; ;B - h`-M h¬M; +S +?,K +? ç M; T?€i T?BK ?Q¢i ?bM? óh?2 K xBM; rQ`H/ Q7 :mK# HHôX

óJ - K X G€i M[K Km +?Q +QM +QM :mK# HH M¨v M?û5ô h`-M h¬M; M?äM; M? L;mv M •M #^M; bS+ +O M;QìB ç¨M ¬M; ;¬M #®M KQÆBX

L;mv M •M ç½ [m2M pÈB +€+? ?¨M? tY M¨v- +¬ Hm¬M T?ªB ibK +€+? /¶ M? pb F?

`i F?| HQÌM;X óL m M? M;Q M 2K b) Km - çQÊ+ F?¬M;∖ô

ó*QM M;Q M K"- H9+ M"Q +QM +kM; M;Q M K"5ô M? ;Bšv ;BK - #„i ç-m ç¢T ç² tm +QM b) ;¼B çB M +?Q +?9 L?B m hB M- +?9 'v +?„+ +?„M b) Km +?Q +QM5ô

L;mv M •M [m v b M; M?bM h`-M h¬M;- M;QìB ç" M ¬M; iWM; K°i i?ÌB #„i ûT +¬- # M¶B M"vX L m F?¬M; T?ªB +¬ MÊ M?- i?b +?ŠM; çO FB M M?ŠM ç T?Q ?Q" B ir M;QìB +| # M? M?Q M?X

*?mv M tªv ` F?QªM; # M,K i`QÊ+X E?B 'v L;mv M •M pW i®i M;?B T æ¢B ?¼+ pB +X

:B çbM? +¬ F?¬M; F?€ ;Bª +?Q H„K- H¢B pb bS+ F?Ä2 #" L;mv M F?¬M; +ÁM i®i ç" M? p [m FB K pB +- Î;-M K +?Q iB M +?,K b|+X :B çbM? ?¼ #bM? /` M?Q # +| ? B çS +QM- K°i +,M M?" ;¶ pÊB +'m i`9+ +' i` M KªM? pQìM i`²M; ç-v ?Q bBK M"v +€B ;b +kM; i?B m- +?d +| ibM? M;QìB H" /Q /ªX

L;mv M æ¢B o„ ?ÆM +¬ +?QM im´BX E?B M? H M i?"M? T?® ?¼+ æ¢B ?¼+- # K •M +kM; i?2Q M? H M i?"M? T?® ?¼+- # K +¬ #-M i?-M `ä H•mX

> B ¬M; #" HOB i?OB [m M? [m~M +| M? m- ?¼ i?QìM; tmv M çB i?,K ?"M; t|K ç p

o" B M,K b m- L;mv M æ¢B o„ i®i M;?B T- M? FB K çQÊ+ K°i +¬M; pB +i®i Îi?"M # K `^M; KbM? b) Î ç•v Hm¬MX J¶B H-M p [m i?,K # K - L;mv M •M M?"M ` ¬M M?QM; +¬ M,K H-M #ªv HQÊi F m M? i` B p K" F?¬M; i?"M?X

æ M F?B +¬ i®i M;?B T- pb Km®M T?KM; /QÐM; # K M M +¬ p H¢B [m - tBM p"Q +€+? M?" ;¬M K°i iB M; +?¢v t2X JS+ HQÆM; +O +¬ +kM; çO ç +?B i`ª +€+ F?Qª M m bQ pÊB #^M; +'T +O +¬ i?b KS+ HQÆM; ç| F?¬M; iQÆM; tSM;X

*¬ v m +m°+ b®M; M"v- F?¬M; ²M "Q t¬ #² M?Q Îi?"M? T?®- +¬ i?Q+? çQÊ+ M^K + K¶B +m®B im-M- +¬ i?Q+? M;?2 M?[M; K~m +?mv M p†i +O # - p" +¬ v m KMB ?Q F?„T pQìMX

*m°+ çÌB +O +¬ b) +?ŠM; +| ;b ç†+ #B i +?Q ç M K°i M;"v KM ? M„M; M|M; #S+- +?Q +¬- M|B `^M; M? ç M; Îi`QM; iMX X X

oW M?"M çQÊ+ iBM- +¬ p°B p" M; ;QK Qi [m-M €Q- M|B /®B # K T?ªB H M i?"M? +?mv M t2 bÊK M?'i H M i?"M? T?®X

Í i`QM; iM- L;mv M æ¢B o„ K†+ #° [m-M €Q K`m i`„M; F b¼+ ç2M- `•m `B H9M T
M M;Q`B- ?QªM; HQ¢M M?bM M? i` B Î# M FB - ;B[?¼ H` i'K FB M; /`vX

> B i v M? #` +ÁM;- ç†i H M #`MX

ó*?mv M ;b ç M; tªv ` p`v\ô J†i K`v L;mv M •M i`„M; # +? ` - K¬B +¬ #¶M; i`Î M M

L;mv M æ¢B o„ +Q`B F?´- M? i`€M? €M? K„i +O 2K ;€BX óæWM; ç # K #B i5ô

ó_®i +m¬+ H` +| +?mv M ;b\ M? ç½ H`K ;b p`v ?ª\ô :B¼M; +¬ `mM `mM- MQÊ+ K„

ó M? +QÐM; ?B T +QM ;€B M;Q`B i Xô æ¢B o„ M|B ``M? K¢+?- M;QÊ+ H M M?bM +

L;mv M •M #`i F?|+- MQÊ+ K„i M|M; ?´B H,M K½B i` M ;QÆM; K†i +¬X

óL;mv M •MX L;?2 M? M|B ç•v5 L;?2 +?Q `ä ç•v5ô M? €T i v H M FQM?- +?²K M;

a m p`B T?9i bKi bMB- L;mv M •M ç m F?´ M;QÊ+ M?bM M? i` B- ?®+ K„i +¬ çÄ ?

ó*?mv M M`v M? +| H¶BX *¬ ;€B ç| m®M; i?m®+ M;O iU iY- #•v ;BÌ pšM +?Q idM?

*¬ M?,M K`v- F?¬M; ?B m M? i` B ç M; Km®M M|B ;b5

óL m +| i? - 2K ?½v ç M ç| - M?`M H¶B `²B +?,K b|+ +¬ `v çQÊ+ F?¬M;\ô

*¬ +® ibK i`QM; ç€v K„i L;mv M æ¢B o„ K°i +?9i #¬M; çM ?Q†+ K°i Qi /®B i`€ M?
ç M; M|B M;?B K i9+X

óh¢B b Q 2K T?ªB H`K p`v\ô *¬ i`WM; K„i M?bM M?- çQ i v H M H m MQÊ+ K„i i`

ó*| i? ?¼ b) `9i çÆM FB M- #ªM €M +O M? +kM; çQÊ+ ;BªK tm®M; +?9i QiXô \*`M

ó" Q H•m\ô L;mv M •M M;?B M ` ,M;- ;B¼M; +¬ i`Î M M H¢M? H)QX

ó>Y\ô L;mv M æ¢B o„ ;?û b€i i B p`Q i'K FQM?X

ó1K ?ÄB M? Î i`QM; M`v # Q H•m\ô *¬ ?ûi H M- ? B i v +m°M i?`M? M„KX

óL,K M,KXô M? +QÌB iU ;B m- /U HQM; p"Q ;? - €M? K„i ?QÈM; p K°i MÆB t t,K

L;mv M •M M?bM +?^K +?^K tm®M; KkB ;B"v- +¬ F?¬M; #B i KbM? M M H"K ;bX a
+?`m M?[M; H¶B H-K ç½ ;•v ` - ? v ç # K +¬ bS+ i"MHU+ FB i M?bM +QM i` B ?
iM\ *¬ i?U+ bU ``i`®B i`QX

a m p"B T?9i BK H†M;- +m®B +MM; +¬ +kM; H M iB M;X óL m +| i? ` iM bÈK- M
i?"i i®i- T?ªB çQ ?¼ ç M b®M; +MM; M?- T?ªB ç®B tY pÈB # K i?"i i?"i i®iX æO

L;mv M æ¢B o„ M?bM +¬- Mûi M;¢+ M?B M ?B M `ä i` M ;QÆM; K†i M?X ó1K ç`M

ó1K +-M M? i? i`QÈ+ ç½Xô *¬ M;?B Ki9+X

ó M? ?ÄB 2K ç`M? H"K ;b\ô

ó*S i? çB- tBM M?5ô *¬ H¢B #"i F?|+X ó M? +| #B i K'v M,K M? F?¬M; p M?"
F?¬M;\ *?Q /M X X X +?Q /M 2K +| M;Q M i? M"Q X X X i?b X X X i?b ?¼ pšM #m²I
+?2 M[;QÆM; K†i H¢BX

ó M? X X X çQÊ+ `²B M? i? X L?QM; 2K T?ªB ?S F?¬M; H"K +?mv M M;m M;®+;

óE?¬M; +-M HQ +?Q 2K- +?d +-M ;B[HÌB ?S H" çQÊ+ `²B5ô

L;mv M •M i?2Q ç` +?d K" L;mv M æ¢B o„ +mM; +'T- H-M ibK ç M çQÊ+ K°i +,M
pB M iQÆM; ç®B `°M; `½B bQ pÈB K'v +,M M?" F?€+X

*¬ M?'M +?m¬M; ? B H-M- b m ç| +| ;B¼M; M|B T?€i ` iW +€B HQ M?Ä F # MX

ó*¬ ibK B\ô

ó§- tBM H¶B +| T?ªB M?" +O +¬ æBM? >QÆM; F?¬M;\ô

óS?ªBXô :B¼M; M K +°+ H®+ i`ª HÌB H¢BX

óh¬B +| i? p"Q i`QM; M|B +?mv M K°i H€i F?¬M;\ô

ó*¬ H" B\ô L;QÌB ç| iÄ p F?| +?`mX

óh¬B H¨ L;mv M•M- H¨ X X X H¨ X X X #¢M +O æBM? >QÆM;Xô *¬ M|B /®BX

a m K°i iB M; #QT- +€M? +´M; b„i M†M; M KÎ` iWX *¬ i?2Q H®B çB i?ŠM; p T?C

J°i M;QìB ç¨M ¬M; i`mM; MB M KÎ+Y +?Q +¬X

ósBM ?ÄB +| M;QìB i?•M +O +¬ æBM? >QÆM; ÎM?¨ F?¬M; ¢\ô *¬ ?ÄBX

ó*¨m +?O ç M; Îi`QM; T?ÁM; +¬ +?OXô «M; +?9 i`ª HìB H¢M? M?¢iX

óo¨v +ÁM # K +¬ ´v\ô

ó>¼ F?¬M; Î ç•v5ô

óS?ÁM; +¬ ´v Î ç•m p¨v ¢\ô

óG M +¬m i? M;- T?ÁM; i?S ? B # M i v T?ªBXô «M; i +?d i v p T?Q +¬m i? M;X

L;mv M•M +9B ç¬m +ªK ÆM ¬M; i `²B çB H M +¬m i? M;X h?U+ ` i`QÊ+ F?B ç M
M;QìB #¢M H¨K Î iÁ €M- M?QM; M; v F?B M;?2 +¬ F bU ibM? +O M? i` B- +| M;
+| M;QìB H¢B +?YB M? i` B +¬ F?®M M¢M +ÁM +¬ H¨ çS p¬ HB K bdX *?Q ç M F
M[- +¬ KÈB ç M ç•vX

¨¨M i v +¬ ç†i i` M i v M„K +Y ?ÆB `mM `~v- +¬ +?d KQM; +¬ ;€B FB F?¬M; #` ;b

*€M? +Y KÎ` - +¬ `Ki` #QÊ+ p¨Q i`QM;X *¬ ;€B M^K i` M ;BQìM; M?„K M;?B M
+€+ i?B i #` K€v K|+ ;b ç| çQÊ+ +„K ç¬v M;QìB +¬ ;€BX o¨ # M +¢M? ;BQìM; +| K°

L;?2 iB M; #QÊ+ +?•M- M? i [m v ç¬m H¢BX æ| H¨ K°i ;QÆM; K†i F?€ ç T i` B- €
i?m ?9i- +| +?9i ;b ç| i?m°+ p bU ç¨Q ?Q iÄ ` iW +Æ i? M? i X

ó*¬ H¨ B\ô :B¼M; M|B +O M? i +kM; `´i M K iQM?- i`-K p¨ H¢M?X

óh¬B H¨ #¢M +O æBM? >QÆM;Xô *¬ +QìB M?¢iX

óL|B /®BX ¨¢M +O æBM? >QÆM; b Q i¬B +?Q ;†T # Q ;Bì\ô M? i çSM; /¨v F?Ä
/¬M iB M H¢B ;¬M +¬X óL|B- +¬ H¨ B\ô

ó h¬B X X X i¬B H¨ L;mv M •MXô

óL;mv M •M\ô M? i H M ;B¼M; F?B M|B i M +¬X

óG¨ 2K ;€B +O L;mv M æ¢B o„Xô *¬ ;BªB i?Q+?X

L; v F?B +¬ pW tQM; / M?- +´ HB M #` M;QìB i bB i H¢B- ç~v HQM; +¬ ç¨T p¨Q iQ

óæ² F?®M M¢MX M? i` B +¬ H¨ HQ¢B b9+ p¨i- +ÁM +¬ H¢B p€+ K†i ç M ç•v H¨K ;
i?ªK i? M¨Q\ S?ªB F?¬M;\ô ¨¨M i v M? i +¨M; bB i +?†i ?ÆMX

*¬ pMM; pšv FûQ #¨M i v ç|` M?QM; p¬ Q+?X æ M F?B K†i +¬ çÄ #WM; H M- M?

L;mv M •M M;½ bKT tm®M; b¨M- ?Q b†+ bK X

ó"B M çB5ô M? i ;^M iWM; +?[- [m v HQM; H¢B pÈB +¬X

*¬ M„K H'v ®M; [m¬M M? i - +® ;„M; T?€i` K'v +?[X óG¨K ÆM- tBM M? `9i çÆM
h¬B #B i M? i¬B +| H¶B X X Xô

ó*•K M; v5ô M? i M;„i HìB +¬- ç°i M;°i [m v H¢BX óæWM; +| K¨ H¨K çB m #° i°B
i`QÈ+ F?B i¬B ;¼B +ªM? b€iXô

óG¨K ÆM M;?2 i¬B M|BX X Xô *¬ #€K H'v +?•M M? i - #Á /QÈB b¨M M?¨X

M? i `9i çB M i?Q¢B ` ;¼B B ç| - tQM; H¢B ç€ +¬ ` X ó"Ä i v ` X æ² ç¨M #¨ p¬HB

a m ç| +| p¨B M;QìB ç¨M ¬M; t¬M; p¨Q i9K +¬ H¬B ` M;Q¨BX

G¬M ç¬m iB M i`QM; çìB +¬ #` M;QìB i +?YB- H¬M ç¬m iB M i`QM; çìB +¬ #` M;Q
M?K+ M?½ ç¬m iB M i`QM; çìB ç M +MM; K°i H9+- M?QM; +¬ F?¬M; #Ä +m°+X

a€M; ?¬K b m- +¬ ç M i?,K L;mv M æ¢B o„- ?ÄB t2K M? +| #B i# K +O æBM? >O
i`ªHìB F?¬M; #B i- i? H¨ +¬ H¢B K'i çB K°i iB ?B p¼M;X L m +| i? - +¬ Km®M ç
?¼- pb M;QìB H¨K +? K Hm¬M # Q /mM; pÈB M;QìB F?€+ ?ÆMX

L;mv M •M F?¬M; #Ä +m°+X *¬ H¢B ç M +,M M?¨ ç| - çSM; `bM? î?¨M; `¨Q pb F?¬M

>ÆM i€K ;B\i®B- +m®B +MM; M;Q\B ç" M ¬M; FB +kM; tm'i ?B MX M? i K†+ p
K"m ç2M b M; i`¼M;X *¬ p°B p" M; ç\ M t2- bÆM b" M; #€K i?2Q M? i X

s2 +O ?¼ `) p"Q K°i [m€M # ` M' B iB M;- +¬ F?¬M; [m2M M?[M; MÆB ²M "Q M?Q p
çUM; #QÊ+ p"Q i`QM;X

M? i +MM; ? B p bo p"Q K°i T?ÁM; i` M i-M; ? B- î i`QM; ç\ `i H•mX :-M ? B iB
F?ÄB T?ÁM;X a m F?B HûM M?bM p"Q # M i`QM; p" +?„+ +?„M +?d +ÁM H¢B KbM

M? i F?¬M; ç w ç M bU tm'i ?B M +O L;mv M •M- +S M;?o H" M?•M pB M T?K+ p

L;mv M •M [m€ tm®M; # M +¢M? M? i - ;B¼M; +¬ F?¬M; +\ +?9i ;b H" bÊ b iX ósB
i¬B çQÊ+ F?¬M; \ô

M? i KÎK„i- M?bM i?'v +¬ [m€ î ç\ HB M MûK Hv `QÊm p"Q M;Q\B +¬- `²B pÈB H'
çÄ +O `QÊm p M; i?'K M? M? i` M +€B €Q K"m p" M; +? M? +O +¬- i¢Q i?"M? K°i

ó*9i çB5ô M? i HQ\B M?€+ /U M;Q\B p"Q ;? - F?¬M; i? K M?bM +¬X

óh`-M h¬M;5ô "¶M; +\ M;Q\B t¬M; p"Q pÈB ;QÆM; K†i ?² ?îBX L?QM; F?B M?bM
M? i HB M H†M; H) `9i HmBX

h?b ` M? i i M h`-M h¬M;- M?QM; +¬ ;€B K" M? +¬ H"K i'M i?QÆM; H" ?¼ æBM?
K F?€+ +? \ L;mv M •M iU ?ÄBX

ó*¬ F?¬M; +9i çB ç9M; F?¬M; \ æQÊ+X æ i¬B t2K +¬ +ÁM /€K #ûM KªM; iÈB ;¬M
i M;½ ç-m ` b mX óE?B K- h?"M?- tY +¬ i 5ô

L;mv M •M ;B"i KbM? M?bM ? B M;Q\B ç" M ¬M; çB ` iW i`QM; ;\ + i®BX ó M? M;?
M? `9i çÆM FB M- i¬B i? b) H"K #'i +S +?mv M ;b M? v m +¬mX h¬B b) H"K K¼B

> B M;Q\B ç" M ¬M; FB ;B[i v +¬- ?¼ /MM; +?•M ç€ K¼B i?S i` M +€B #`M i?'T i`
ç'i- `²B ç +¬ M^K tm®M;X L;mv M •M ;B½v ;BK - KB M; F m H M +¬m +SmX J°i M
+?•M- ?¼ #„i ç-m +îB +9+ €Q bÆ KB +O +¬ ` X

h v +?•M +¬ ç€ HQ¢M t¢- MQÊ+ K„i i`"Q ` X L;Q\B ç" M ¬M; T?Q /QÈB ç½ H°i tQM
+?¢K p"Q HQM; [m-M +¬ +?m~M #` FûQ tm®M;X

ó.WM; H¢B çB5ô h`-M h¬M; ` H M?- +?•M K"v M? M?Qm H¢B ;¬M M? mX M? F?-
+?QÊM; K„i F?B +¬ #` ? B M;Q\B ç" M ¬M; FbK tm®M; #`MX

h`-M h¬M; /m¶B +?•M- F m ? B M; QìB ç" M ¬M; i?ª +¬ ` X M? çSM; i`QÊ+ K†i +¬-
+¬- /WM; H¢B K°i H9+X ó:Bì i?b +¬ ç½ #B i +ªK ;B€+ F?B #` +QÐM; #S+ +?Q \ *Á
F?¬M; \ æ² ç" M #¬ p¬ HB K bd5ô

L;mv M •M H,M tm®M; b" M- ? B i v +¬ ;B[+?†i p¢i €Q bÆ KB- F?|+ F?¬M; i?"M?i

h`-M h¬M; M|B iB TX óG-M b m K" +ÁM tm'i ?B M i`QÊ+ K†i i¬B i?b i¬B F?¬M; c
ç•mXô

M? i çB `²B- +¬ pšM M;²B î ç| Mm®i MQÊ+ K„iX E?¬M; çQÊ+- +¬ iU M?O- M m H9
+Sm M? i` B ` b) +¬M; ?B K ?QB ?ÆM M[- # K +¬ b) T?ªB ç m HÁM; i? K M[X

keX *?QÆM; Rd, *?QÆM; kN

L;¬v i?S ? B- L;mv M •M H¢B ç M i?,K L;mv M æ¢B o„- H9+ +¬ +9B tm®M; M?†i ç²
p i #-K iQK i` M +´ +¬X

ó*´ 2K X X X #` H"K b Q p"v\ô

*¬ çQ i v FûQ +´ €Q + Q ?ÆMX ó>¬K [m +ªK i?'v ?ÆB K i M M çB ;B€+ ?ÆBXô +
iU M?B M F?B M L;mv M æ¢B o„ F?¬M; M;?B M;ì i? KX

G-M M¬v +¬ [mv i i•K T?ªB +¬m tBM h`-M h¬M; +?Q #^M; çQÊ+X L;QìB i M|B ó[m
+m®B +¬ +¬m tBM M?- M m F?¬M; çQÊ+- +¬ b) M;?o +€+? F?€+X

h`QÊ+ F?B ç M +?¶ h`-M h¬M; `bM? KÁ- +¬ M?"M çQÊ+ çB M i?Q¢B +O K X "" L
+?d i`ª HìB QÊ+ +?WM;c #¬ ?ÄB +¬ +| ;†T æ¢B o„ F?¬M;- +¬ ?S p" B ?¬K M[b) F r
ç| +¬ ç½ ?¢ [mv i i•K- #^M; K¼B ;B€ T?ªB tBM h`-M h¬M; `9i çÆM FB M H¢BX S?ª

h? M?QM; T?ªB #®M M;¬v b m +¬ KÈB ;†T H¢B h`-M h¬M;X E?QªM; +?QM ;Bì- i
ç|X E?B #QÊ+ +?•M p"Q i`QM;- +¬ +ªK i?'v ?ÆB H¢M?- +€B H¢M? +?çv`-M`-M /

h`-M h¬M; î i`QM; +,M T?ÁM; ç| K°i KbM?X h?'v +¬ #QÊ+ p"Q- ? B p bo iB M ç M

óæ² ç" M #¬ p¬ HB K bd5ô h`-M h¬M; #m¬M; HìB +? M?¢Q- M? i ` ?B m +?Q ? B

*¬ M;?o M? i ç½ tB m HÁM; KÈB ç ? B M;QìB ç" M ¬M; FB ` M;Q" B- pb M m Km
ç½ F?¬M; H"K p"vX

*ª +,M T?ÁM; ç-v KMB `QÊm- # M ;|+ i`€B +| K'v +? B `QÊm #` MûK # X æ•v +| ç
F?¬M;\ *¬ M;?o H" +|X

ósBM M? `9i H¢B çÆM FB MXô \*¬ [m€ i`QÊ+ K†i M?X

h`-M h¬M; ;€+ i v H M i`€M- +QìB M?¢iX ó"•v ;Bì i¬B +QÐM; ?B T +¬- +¬ +| #Ä [m

L;mv M •M ç¬M; +SM;- K² ?¬B #„i ç-m ``M ` i`€MX *¬ K'T K€v K¬BX óL m X X X M
b) F?¬M; FB M M?Xô

M? +?²K M;QìB iÈB i`QÊ+- M•M; +^K +¬ H MX óS?ªB t2K i?€B ç° +O +¬ i? M"Q

ó M? Km®M i¬B H"K ;b i?b M? KÈB +?`m `9i çÆM\ô *¬ M?Q+? H¢B ;¬M M? ?ÆMX

óh¬B F?¬M; M?[M; `9i H¢B çÆM K" +ÁM i?ª M? +¬ ` çQÊ+M[Fb 5 oÈB çB m FB
#|T +?†i ;QÆM; K†i +¬X

ó M? M|B çBXô *¬ M?bM i?ŠM; p¨Q K„i M?- F?¬M; ? Mû i`€M?X
ó*¬ T?ªB H¨K +QM #9T # +O i¬BXô h`¬M h¬M; +Q`B t'm t X
óæQÊ+Xô *•m i`ª HÌB +?„+ M`+? +O +¬ F?B M M? ?ÆB ;B"i KbM?X
ó*¬ +| #B i H¨K #9T # b) i`Î i?“M? ;b F?¬M;\ô M? M?QÈM K¨v- ?ÄB +¬X
óE?¬M; #B iXô

kdX *?QÆM; Rd, Zm€ h K " "M

L;v i?S ? B- L;mv M •M H¢B ¢ M i?,K L;mv M æ¢B o„- H9+ +- +9B tm®M; M?†i ¢²
p i #-K iQK i` M +' +-X

ó*´ 2K #` H¨K b Q p"v\ô

*¬ ¢Q i v FûQ +' €Q + Q ?ÆMX ó>¬K [m +ªK i?'v ?ÆB K i M M ¢B ;B€+ ?ÆBXô +
i U M?B M F?B M L;mv M æ¢B o„ F?¬M; M;?B M;ì i? KX

G-M M¨v +- [mv i i•K T?ªB +-m tBM h`-M h¬M; +?Q #^M; ¢QÊ+X L;QìB i M|B ó[m
+m®B +- +-m tBM M?- M m F?¬M; ¢QÊ+- +- b) M;?o +€+? F?€+X

h`QÊ+ F?B ¢ M +?¶ h`-M h¬M; `bM? KÁ- +- M?"M ¢QÊ+ ¢B M i?Q¢B +O K X "" L
+?d i`ª HìB QÊ+ +?WM;c #¨ ?ÄB +- +| ;†T æ¢B o„ F?¬M;- +- ?S p¨B ?¬K M[b)
G9+ ¢| +- ¢½ ?¢ [mv i i•K- #^M; K¼B ;B€ TªB tBM h`-M h¬M; `9i ¢ÆM FB M H¢B>

h? M?QM; TªB #®M M;¨v b m +- KÈB ;†T H¢B h`-M h¬M;X E?QªM; +?QM ;Bì-
¢|X E?B #QÊ+ +?•M p¨Q i`QM;- +- +ªK i?'v ?ÆB H¢M?- +€B H¢M? +?¢v`-M`-M /

h`-M h¬M; î i`QM; +,M T?ÁM; ¢| K°i KbM?X h?'v +- #QÊ+ p¨Q- ? B p bo iB M ¢ M

óæ² ¢¨M #¨ p¬ HB K bd5ô h`-M h¬M; #m¬M; HìB +? M?¢Q- M? i ` ?B m +?Q ? B

*¬ M;?o M? i ¢½ tB m HÁM; KÈB ¢ ? B M;QìB ¢¨M ¬M; FB ` M;Q¨B- pb M m Km
¢½ F?¬M; H¨K p"vX

*ª +,M T?ÁM; ¢-v KMB `QÊm- # M ;|+ i`€B +| K'v +? B `QÊm #` MûK # X æ•v +| ¢
F?¬M;\ *¬ M;?o H¨ +|X

ósBM M? `9i H¢B ¢ÆM FB MXô \*¬ [m€ i`QÊ+ K†i M?X

h`-M h¬M; ;€+ i v H M i`€M- +QìB M?¢iX ó"•v ;Bì i¬B +QÐM; ?B T +- - +- +| #Ä [m

L;mv M •M ¢¬M; +SM;- K² ?¬B #„i ¢-m ``M ` i`€MX *¬ K'T K€v K¬BX óL m M m
F?¬M; FB M M?Xô

M? +?²K M;QìB iÈB i`QÊ+- M•M; +^K +- H MX óSªB t2K i?€B ¢° +O +- i? M¨Q

ó M? Km®M i¬B H¨K ;b i?b M? KÈB +?`m `9i ¢ÆM\ô *¬ M?Q+? H¢B ;¬M M? ?ÆMX

ó h¬B F?¬M; M?[M; `9i H¢B çÆM K¨ +ÁM i?ª M? +¬ ` çQÊ+ M[Fb 5 oÈB çB m F
#|T +?†i; QÆM; K†i +¬X

ó M? M|B çBXô *¬ M?bM i?ŠM; p¨Q K„i M?- F?¬M; ? Mû i`€M?X

ó*¬ T?ªB H¨K +QM #9T # +O i¬BXô h`-M h¬M; +QÌB t'm t X

óæQÊ+Xô *•m i`ª HÌB +?„+ M`+? +O +¬ F?B M M? ?ÆB ;B¨i KbM?X

ó*¬ +| #B i H¨K #9T # b) i`Î i?¨M? ;b F?¬M; \ô M? M?QÈM K¨v- ?ÄB +¬X

óE?¬M; #B iXô

óE?¬M; #B i K¨ /€K ç²M; w\ô

óL; ?2 F?¬M; ç€M; bÊ H„K5ô *¬ i`ª HÌB i?¨i i?¨X

óæ| H¨ iW Ko KB m ç ;¼B Hk ;€B çB KX L|B H`+? bU ?ÆM i?b H¨ ibM? M?•M- ?
p¼M; Xô

J°i çS M?¨ [m M?Q +¬ i?b H¨K; b ?B m çQÊ+ K'v +€B iW ç| - +¬ +ÁM +?ŠM; #B i #
+?S çWM; M|B ç M pB + i?Ä K½M /K+ p¼M; +?Q ?¼X

ó h¬B ô *¬ M;¨T M; WM; - F?¬M; Km®M i?ªQ ?B T pÈB M?X

óE?¬M; i? i?b çWM; +| ç M ibK i¬B M[X æ| H¨ v m +¬m +O i¬B ç M? +¬ çQÊ+
M; KK `QÊm- +?¨i HÄM; 'K M|M; +?ªv tm®M; - H M iÄ F?„T +Æ i? M?X

óæQÊ+X >B p¼M; M? ;B[HÌB ?S X L?QM; i¬B T?ªB H¨K #9T # +O M? i`QM; # C

óæ M F?B i¬B +ªK i?'v F?¬M; t¨B çQÊ+ M[5ô •M? K„i KÆ K¨M; M?bM +?,K +?9 p¨C

ó¨ M M;¨v i¬B T?ªB çB H¨K- M? +| i? ;¼B i¬B p¨Q #m´B i®BXô *¬ `9i i`QM; i9B t
#9i- `²B +¨M i?¨M ;?B H¢B b® çB M i?Q¢B +MM; i M +O KbM? H M ç| - ç†i H M #¨M

h`-M h¬M; #¨i +QÌB i?¨M? iB M;X óæ9M; H¨ ç²M?¨ [m 5 *¬ T?ªB Î M?¨ ç i¬B +| i?
Km®MX *¬ M; ?o +?mv M M¨v çÆM ;BªM [m€ `²B ç'v5ô

ó o"v M? i`a i¬B # Q M?B m\ hbM? M?•M ? v #9T # ;b ç| +kM; çQÊ+ i`a iB M K`5ô

ó*¬ M M M?È H" +¬ ç M; +¬m tBM i¬B- çWM; +| çÁB ?ÄB i`a i`2Q H"K i¬B ç´B wXô

óE?¬M;- F?¬M;X h¬B M;?2 M?- i¬B b) H"K #'i +S çB m ;b M? Km®MXô *¬ +9B ç-

JQìB ? B ;Bì KQìB +?QM T?9i- L;mv M •M i?2Q h`-M h`bM? ç M K°i M;¬B M?" FB
M?" çQÊ+ /UM; H M +?O v m #îB ;¶ p" #®M #S+ iQìM; çQÊ+ ®T #^M; FQM?X

oW p"Q # M i`QM;- M? ç½ ` H M? +?Q +¬ p"Q T?ÁM; M;O- i„K `Y `²B M;²B i` M

*¬ F?¬M; T?ªM ç®B- pb M? ç½ ?S M m +¬ M;Q M M? b) ç L;mv M æ¢B o„ çQÊ+

æ®B pÈB +¬- i`BM? iB i F?¬M; T?ªB H" i?S [m M i`¼M;X L;`v i`QÊ+- +¬ b) `i t2K
F?¬M; +ÁM M[X G9+ M`v +¬ `i Km®M F?|+- +¬ Km®M Q€M i`€+? L;mv M æ¢B o„-
t|i +O *?9 - tBM L;`B `O HÁM; i?QÆM; F?B M h`-M h¬M; ç +¬ v MX

o` *?9 ç½ i?QÆM; t|i +¬- Qi M?'i H" ç K M vX

h`-M h¬M; F?¬M; ç M ibK +¬X "m´B b€M; ?¬K b m- +¬ ibK i?'v +?b F?| M?" i` M
` p"QX *¬ K†+ H¢B #° ç² ?¬K [m - H¢B ç M i?,K L;mv M æ¢B o„X

óL|B +?mv M pÈB K çB- ?¬K [m 2K ?S pÈB K b) F m M? ;¼B p +?Q #`Xô *¬ Kî
L;mv MX a m ç| #`i HQ M;Q`B ç æ¢B o„ +| i? M;?2 çQÊ+X

óhB m •M `` +QM\ *QM ;†T M? i` B +?Q \ô :B¼M; #` ç-v HQ H„M;X

L;mv M æ¢B o„ Mm®i F? M- ;B¼M; M? H¢+ ?ŠM çBX ó*QM ç•v K 5ô

oW M;?2 çQÊ+ iB M; +QM i` B- #` KWM; `Ð F?¬M tB i- #` ?ÄB M? iB id i?S- T?ª
F?B M #` M;QM; ?ÄB çQÊ+X

ó*QM ?S H"K tQM; /U €M M`v +QM b) ç|M # K H M ç•v- # K çWM; HQ [m€5 L?û5

"` L;mv M bKi bMB- /†M M? ,M m®M; ç-v çO- /†M +¬ çB çQìM; +~M i?"MX

ó*| iB M i`B M ;b F?¬M;\ 1K ;†T çQÊ+ M? i` B æBM? >QÆM; +?Q \ô L;mv M æ¢B
?ÆB #'i MX

óš- 2K ç M; M?ì #¢M- +”m i M|B b) ibK +€+? ;B9TXô *¬ F?¬M; M?bM i?ŠM; p”Q K„

> B M;Q|B M|B [m M|B H¢B ç¬B # +•m`²B +¬` p X *ª M;”v +¬ #”M`°M +?¢v iÈB
bQ M?ì iQ p’M- ?Q†+ H” ?¼` ;B€`i+ Q- ?Q†+ H” ?¼ F?¬M; M?”M tBM ;BªK ?¢M
p”v- +¬ +?ŠM; +ÁM i•K i`Q #Ä ;b ç| p”Q #KM; - +S M; ?o ç M pB + L;mv M æ¢B o„ +
? Q ;¬v pb i`¬M; M;|M; çS +QM i` B- +¬ H¢B M;²B F?¬M; v MX

æ M +?”T i®B- i` M çQ|ÌM; [m v p M?” i`¼- +¬ M?”M çQÊ+ iBM M?”M iW b® K€v H
çQÊ+ +?O M?•M +O b® K€v ç| i?¬M; [m M°B /mM; +O M|X ó*¬ F?¬M; Km®M +S
+¬ H”i ç”i F m t2 +?¢v p ?QÊM; p2M b¬M;X

æ M?È çQÊ+ ç` +?d +O +,M M?” M”v [mª i?U+ H” K°i Fb iQ+? ç®B pÈB +¬X sQ
H” M½Q +€ p”M; - F?¬M; i? M?È çQÊ+ ç` +?d M?” ? v çQ|ÌM; çBX æ M MÆB- +¬ i
H¢+- i? v p”Q ç| H” bU HQ H„M;X

*¬ M? M?”M; KÎ+Y - h`¬M h`bM? çSM; +¢M? b¬ T? - [m v HQM; H¢B pÈB +¬X h`Q
T? H i` M ç¬m- +ÁM H¢B +?bK i`QM; #|M; i®BX

óh¬B p `²B5ô L;mv M •M H M iB M;-`Ki` #QÊ+ iWM; #QÊ+ +?”K`½B p T?Q h`

L;?2 i?’v iB M; +¬- M? [m v M;Q„i H¢B- M?bM +¬ ç¬v ;B”M /[X M? +?ŠM; M|B +
i` M- çB tmv M [m #|M; i®B iB M p T?Q T?ÁM; M;OX

*¬ M?”M` çB m +?ŠM; H”M?- K†i i`„M; # +?` - ç¬m |+ #„i ç¬m p”M ç°M; ç ibK +
H¢BX

óE?Q M ç½- i¬B i¬B +?Q i„KXô

h`¬M h¬M; +?Êi /WM; #QÊ+- M? [m v ç¬m M?bM +¬- M?QM; pb çSM; i`QM; i®B M
M”v +O M? H” ;bX

”¶M; M?B M M? #”i +Q|B- iB M; +Q|B M;?2 ?ÆB ç€M; bÊX óæQÊ+ i?¬B- Km®M
T?€i` iWM; +?[K°iX

M? H¢B H¬B +¬ p”Q T?ÁM; M;O- H¬M M”v i?b ç M çQÊ+ #”i H M b€M; i`QM;X *€M
H¢BX L?QM; M? F?¬M; +?¬M +?W H•m- M; v H”T iS+ i9K i v +¬- ç~v p”Q T?ÁM; i,

””M i v M? HQÈi i` M ?”M; +9+ €Q K°i +€+? p°B p½- M? MûK ç² +O KbM? #W`
M? +ÎB ç²- ?ÆB ?QªM; bÊ- #QÊ+ HMB p T?Q b m +?Q ç M F?B F?¬M; HMB çQÊ-

ó*ÎB` Xô :B¼M; M? ?ÆB ;„i H M- çQ i v KÎ pÁB MQÊ+ ?Q b2MX

L;m v M • M ? Q i K ° i ? Æ B b • m - ç ½ ç M M Q È + M " v i ? b + ? Š M ; + | ; b T ? ^a B b Ê M [X * ?
M ? O X > B i v # „ i ç - m + ? ¢ K H M + 9 + € Q i ? S M ? ' i - K Î # m M ; M | ` X

L ? b M ? " M ? ç ° M ; + ? " K + ? ¢ T + O + ¬ - h ` - M h ¬ M ; + " M ; # U + # ° B ? Æ M X M ? i ? Š M ; i v
+ O + ¬ K Î i m M ; ` - b m ç | M ? H ° i i ` - M + ¬ ` K ° i + € + ? i ? ¬ H ¶ X

M ? ç ~ v + ¬ p " Q i Q Ì M ; - ç S M ; / Q È B p Á B M Q È + ' K € T X L ; U + + ¬ # ` ç b € i p " Q i Q Ì M ; - ?
M ? K + F ? B # ` M ? M ? b M i ? ' v + Æ i ? + ? Q i M ç B i ? b + <sup>a</sup> K ; B € + M ? K + M ? ½ F ? B # ` M ;
+ „ M K ¬ B + ? ` m ç m - i ? U + b U ` ' i ç m - ç m ç M M ¶ B M Q È + K „ i + ¬ i " Q ` - ç m ç M M ¶

. Q È B / Á M ; M Q È + ' K € T - ? B + Æ i ? ? Á p " Q M ? m - b U K ¢ M ? K) + O M ; Q Ì B ç " M ¬ M ;
F ? ¬ M ; / € K K Î K B M ; F m ç m p b b Ê X h ` - M h ¬ M ; p " Q i ` Q M ; + ¬ + | ? Æ B F ? | F ? , M -
K € m ` <sup>2</sup> B - F ? ¬ M ; # B i / Á M ; K € m ç | H " + O K " M ; i ` B M ? ? v H " / Q M ? p " Q H " K + ¬ ç n

óG" #¢M i?•M +O + "m h`-MX * "m i i?QÌM; ç M ç•v +?ÆB H„K5ô .b S?QÆM; M?bM
ç T i` B H„K- F?Q +?'i +kM; T?QM; ç°Xô .b 'v +QÌBX

LK +QÌB ;QÊM; ;¢Q MÎ i` M K¬B +¬X

ó.b T?€i ?B M ;B¼M; M|B +O +QM F?€ ;B®M; * Q h? M? L?½- #¢M ;€B +k +O h`-
*•m M|B +O /b S?QÆM; F?B M +ª ? B i`Î M M ;QÊM; ;¢QX

*¬ M?Q ?B m ` ;b ç| - bmv M ;?o 'v F?B M +¬ ?ÆB ç m HÁM;X

.QÈB €M? M„M; `€M; +?B m- L;mv M •M /U ç-m p¨Q p B /b S?QÆM; - Km®M F?| +
p +?m¶B M;¨v /¨B ç m F?´ T?Q i`QË+X

k3X *?QÆM; R3, >¢M? S?9+ "û L?Ä

am®i ? B im-M- ç K M¨Q h`-M h¬M; +kM; ç M T?ÁM; +¬- M? i H¢B /MM; i v ç p¨
H¢B ? B M;|M- ? B M;|M `²B H¢B # M;|M- +?Q ç M F?B # M;|M ` p¨Q K°i +€+? i?
p B +¬X

L?[M; M;¨v b m ç| - M? F?¬M; +ÁM ç M T?ÁM; +¬ K¶B i®B M[- K¨ ç M +ª p¨Q # M
b® H-M [m M ? #^M; i v pÈB +¬ H M- +¬ F?¬M; ?B m M¶B M? H¨K p¨v ç H¨K ;b
ç - M M M? KÈB F?¬M; /MM; p¨i ç¨M ¬M; +O KbM? ç H¨K +?mv M M¨v- i? v pb /M
KbM? +¬\

L?QM; +¬ ç½ b B `²BX M? M|BX ó*| #B i i¢B b Q i¬B H¢B /MM; i v F?¬M; \ô *¬ H
M?Ä [m€- i¬B K¨ p¨Q i?"i +?d bÊ +¬ M; 'i çB i?¬BX G-M ç-m iB M H¨ Î /QÈB MQÈ
?m®M; ;b #•v ;BÌ F?¬M; +| +?'i #¬B i`ÆM- +¬ M;?o t2K- +?'m M´B F?¬M; \ô M? M?
#¨ p¬ HB K bd5ô

*¬ F?¬M; [m2M #` M;QÌB i +?YB- K¨ M?[M; +•m +?YB +O M? H¢B `¨i i?•K ç°+- +
HÐ HQûi +O +¬ ? i H-M M¨v ç M H-M F?€+- F?¬M; +?Q +¬ i?ÌB ;B M ?²B T?K+X

" i?€M; b m ç| - M;¨v M¨Q h`-M h¬M; +kM; H¨K ibM? pÈB +¬X G-M M¨v F?¬M; /MM
i?"iX Zmª i?U+ M| `¨i HÈM- M m F?¬M; +| K¨M /¢Q ç-m- +¬ +?„+ +?„M b) #` ç mX
M? ç m F m +¬ M|B F?¬M; `ÌB t M?- F m +¬ M|B v m M?- +¬ ç m M;Q M M;Q½M

.-M /-M- M? F?¬M; +ÁM M|B M?[M; +•m M?K+ K¢ +¬ M[- i?€B ç° +O M? +kM; i©
?°+ pÈB +¬X

*| p¨B H-M- M? ¬K +¬ çB M;OX

*| p¨B H-M- M? +?MB i?S+ ,M #` /QM? i` M K†i +¬X

*| p¨B H-M- M? M;²B i`Á +?mv M +MM; +¬- K†+ /M +?d M|B ç¬B # +•m M?QM; `¨i

*| p¨B H-M- M? M? M?¨M; pm®i i| + +¬X

*| p¨B H-M- M? ?S b) F?¬M; H¨K +¬ ç mX

*| p¨B H-M- i`QM; +ÆM K - +¬ M;?2 i?'v M? tBM H¶B KbM?X

*| p¨B H-M- +¬ KÆ i?'v M? ?¬M KbM?- +ªK ;B€+ 'v `¨i i?"iX

*| p" B H-M- M? M;²B i` M ;? - ç +¬ /U p" Q HÁM; KbM?- ç¼+ b€+?X
 hbM? +ªK ;B[?¼ i®i ?ÆM- M?QM; M? F?¬M; /€K i?W M?"M- +ÁM +¬ H¢B F?¬M;
 J°i H-M +¬ p¬ ibM? M?„+ ç M L;mv M æ¢B o„- i?€B ç° +O M? F?¬M; i H„K- +?d
 'v M[X *¬ M;Q M M;Q½M ;?B M?È HÌB M?X
 J¼B +?mv M b) i®i ç T M?Q i? +?Q ç M K°i M;¬v- /b S?QÆM; M|B pÈB +¬ `^M;- ó*
 +?QM? ibK +¬"m h`-M h¬M;Xô
 *¬ +?ŠM; M;?o M?B m- pb +?Q `^M; ibM? +ªK ;B[KbM? p" M? ç M; i®i ç T- +¬ ;€
 i? ªM? ?QÎM; ç M ?B M i¢B çQÊ+X o" +¬ ç½ b BX
 hW F?B M;?2 çQÊ+ iBM * Q h? M? L?½ ibK M?- i?€B ç° +O M? F?¬M; +ÁM M?C
 F?¬M; çKM; p"Q +¬- F?¬M; Km®M M;?2 +¬ M|B ? v M?bM +¬X L;mv M •M M;?o ç
 K®B ibM? F?| [m M M?'iXôX *¬ ;"i ç-m ç²M; wX
 "m´B i®B M;¬v i?S b€m- L;mv M •M H¢B /MM; i?m # Q [m®+ i ;¼B p +?Q K - M|B
 i`¢M; +¬ çÐ ?ÆM ?ŠMX æ M F?B #` ?ÄB # Q ;B| p - +¬ ç½ #`i KB M; H¢B ç iB M
 K€v- +¬ #`i F?| + MS+ MÎ- /b S?QÆM; +?¢v ç M ?ÄB H`K b Q- +¬ +?d /U p" Q HÁM;
 i|+ +¬- `²B +?mv M tm®M; p¶ M? H M HQM;X S?ªB +?B H9+ M`v +| i? `9+ p" Q HÁ
 a€M; bÈK M;¬v i?S "av- h`-M h¬M; HK+ çK+ i`Î p X M? t¬M; p"Q T?ÁM; +¬- i?¬ #
 K¢M? [m-M H|i +O +¬ ` `²B +S i? i?ŠM; i?WM; iB M p"QX
 "` ç€M? i?S+ ç°i M;°i- `²B #` p"i H¢ t•K +?B K- +?¶ 'v +?Q F`T ;B½M ` h`-M h¬M
 F m H M K°i iB M;- +Æ i? `mM `~v +?`m çUM; +ÆM ç m M?QM; pb ç m [m€ M M +
 h`QM; +ÆM K K M- +¬ M;?2 i?'v iB M; i`Á +?mv M +O ? B M;QÌBX
 óh¬B M|B pÈB +¬"m çWM; +| i?¬ H¶ M?Q p"v M[- b Q +¬"m F?¬M; +?`m M;?2\ "•v ;B
 ç'v- +¬"m pW HÁM; +?Q \ô *¬ M?"M` ç| H` ;B¼M; +O p` M[ #€+ bo H-M i`QÊ+ ç½
 óh¬B F?¬M; #B i H¢B M;?B K i`¼M; ç M p"v5ô
 ó*"m [m€ ç€M; pW i?¬BX L;QÌB i ;•v i?M Q€M ;b pÈB +¬"m K" +¬"m H`K M?Q p"v\ô
 ó*¬ i H` 2K ;€B +O L;mv M æ¢B o„- i¬B Km®M +¬ i T?ªB +?`m M?[M; ;b æBM? >C
 óa Q +¬"m +® +?'T M?Q p"v +?S\ h¬B M|B pÈB +¬"m `²B- H` æBM? >QÆM; ibM? M;M
 [m€ M;®+X *¬ ;€B M`v F?¬M; +| H¶B5ô
 ó ô
 L;mv M •M F?¬M; M;?2 i?'v +•m i`ª HÌB +O M?X
 ó*"m #m¬M; i? +?Q M;QÌB i çBX *| v m i?b M|B H` v m- F?¬M; v m i?b #m¬M; ` -
 óu m\ u m ``\ô hB M; +QÌB M;¬v ?¬K ç| +O h`-M h¬M;- +¬ M?È K½BX hB M; +QÌB
 #€Q ?B m +?m¶B M;¬v m €KX
 :-M i`Q - /b S?QÆM; ç€M? i?S+ +¬ /"vX *?¶ ;B[? B +?•M ç m ç M M¶B +¬ F?¬M;
 ó*QM ,M +?9i ç² `²B m®M; i?m®+ M?û5 "€+ bo M|B +QM b) +ÁM ç m p" B ?¬K M[-
 çB M;O +QM M?È #¬B- +?Q K m H`M?5ô *¬M; M|B- ;B¼M; /b S?QÆM; +¬M; M;? M
 Jti L;mv M •M i`„M; # M?- i v +?•M +¬ `½ `ÌB F?¬M; Km®M M?9+ M?Q+?X æ M i®B
 /o `i v m- K¶B i?€M; T?ªB #` /QM? +ªK K°i H-MX G-M M`v +| #` b®i +¬ +kM; +?Š
 M^K Î +?¶ / #` M?B K i`MM; M?Q p"v- F?¬M; M´B b®i i?b ç9M; H` Fb iQ+?X
 o"v H` +¬ M^K # T /Q i` M ;BQÌM; K'v M;¬v HB M- p` M[#€+ bo FB ç M i?,K # M?
 +?ŠM; KÎ KB M; M|B +?mv M pÈB +¬X æ¬B H-M +¬ #„i +?mv M- +¬ 'v +ÁM +?ŠM
 M;QÌB i F?¬M; +| ?SM; i?9 M M +¬ +kM; i?¬BX

JQÌB ? B M; "v b m- p i i? QÆM; +O + H" M? ?ŠM +kM; H" H9+ h`-M h-M; [m v Hç /U iB +- F m +- i? v M| `²B çB pÈB M?X * M; Q M M; Q½M H" K i? 2Q HÌB M?- i, K + M; - +ÁM H" K i| + +? Q T? M ?ÊT pÈB #° p€vX
 "av ; BÌ ?ÆM- i" B t H€B t2 çQ M? p" +- ç M K° i F?€+? bçM HÈMX h`-M h-M; /t M ç M F?B M? [m v HçBX G) ` +- M M M; ?2 HÌB M?- M; ²B i`QM; t2 çÊB- M?QM; #B i, M M?- K i?S ; b HçB ç m #KM; ç M p"vX
 h? H" +- #m° + T?ªB tm®M; t2 çB ibK M? " p bBM?X oW ; BªB [mv i M¶B #m²M iW i? t€+ ç`M? T?QÆM; ?QÈM; ç [m v p MÆB t2 ç"mX \_²B +- #` Hç+- #` +m®M p"Q iB + çSM; X
 L; mv M •M +ªK i? 'v Hç+ HãM; ; B[/ÁM; M; QÌB t Hç- +- F?¬M; /€K çB HmM; imM; Hç+X æ°i M?B M +| M; QÌB ç M ; -M +- K°i +- ; €B tBM? ç T i`QM; #° H T?K+ K"m iW i` M tm®M; /QÈB- çmM; çQ Hv`QÈm i`QM; i vX
 ó*¬ F?¬M; çB +MM; h`-M h-M; "\ô *¬ ; €B FB ?ÄBX
 ó B +Æ\ h`-M h-M; H" B\ô *¬ T?ªB ; B[#Q K"i +?mv M ? B M; QÌB çB +MM; M? mX
 óh¬B i? 'v +- #QÈ+ ` iW t2 +O M? 'vXô \*¬ i #, i i?|T çQÊ+ +- `²BX óhU ; BÈB i?B "çM ; €B +k p" +| H) b) H" #çM ; €B ?B M içB +O h`-M h`bM?X h¬B M|B ç +- #Ä + M|B pÈB #B m +ªK ? i bS + i?ªM M?B M- F?¬M; +| +?9i ; b ; ¼B H" ç2 /¼ X
 L; mv M •M F?¬M; #B i M|B ; b- +- Km®M #B M KBM?- M?QM; #B M KBM? +?Q +?m M?- ? v H" +?mv M +- H" #9T # +O M? \ *?mv M M"Q i?b +kM; [m€ M?K+ M?½5
 æ¬B K„i [mv M `k +O \* Q h? M? L?½ M?bM +- M?Q ç M; +?Ì çÊB +•m M|B #Ä +m çSM; v M Î ç| - +- i M|B iB TX ó\*| Km®M t2K p` i`Q +O i¬B i`QM; HÁM; h`-M h- +?®M; K„i H M K" +QB +?Q F„5ô
 h?•M ?bM? /K ?Q†+ +O * Q h? M? L?½ H„+ HQ [m HçB i` M ç¬B ; m®+ + Q +?| i p +€B #`M ; -M ç| - çB tmv M [m ç€K ç¬M; `²B #B M K'iX J°i H9+ b m- +- M; ?2 i? 'v i KÁ- +- +?2M p"Q t2K +| +?mv M ; bX o" +- i? 'v h`-M h-M; ¬K * Q h? M? L?½ ç M; i i? 'v bU HQ H„M; i`QM; ç¬B K„i M?- K" bU HQ H„M; 'v M? +?Q # Q ; BÌ /`M? +?Q ç¬M; çB HQÊi [m M; QÌB +- M? F?¬M; ? ? v #B i bU i²M içB +O +-X >¼ +S i?
 L; mv M •M çSM; ç| M?bM M?Q K°i i`Á H® #`+?X "m´B iB + i`M- +- çSM; M; •v M; ® KÌ- i?U+ bU i`¬M; `i MU+ +QÌBX \*?Ì K½B F?¬M; i? 'v +?B + t2 FB [m v HçB- +- i`Ê i` m H" +- F?¬M; M?È çQÌM; - +?d +| i? çB #° i?2Q [m€ M iQM?X æ M K°i +Y ? Fb F Q pÈB #` +?O KÈB ç´B +€B p€v i` M M; QÌB çQÊ+ K°i +€B €Q T?¬M; p" [m-M
 a m ç| iB T iK+ +m° + ?`M? i`bM? ibK çQÌM; /U p"Q K v K„MX æ M F?B F?¬M; i? i` M K°i +€B ; ? /`B # M çQÌM; - # M +çM? K°i +Y ?`M; iB M HÈBX \*¬ M?bM p"Q i` M?QM; i` M M; QÌB F?¬M; +| H'v K°i ç²M; tm H X
 L?bM HQÊi M; QÌB çB ` çB p"Q +Y ?`M; i?Q i?Èi /¬M- +- i? 'v iOB i?•M ; ? ; ÈKX M; QÌB p¬ ; B +Q pW M; ? Q pW ç|B pW HçM?X
 *?Q ç M F?B +| K°i +?B + t2 ç"m i`QÈ+ K†i +- +- KÈB +| HçB +?9i ?B p¼M; X .b €Q F?Q€+ /¬v i`MK H M M; QÌB +-X
 L; mv M •M +® M†M ` K°i MK +QÌB- +- M|B KbM? pšM ´M K" +Æ i? HçB `mM HB M óh`-M h-M; ç•m `²B ç\ô o ç M M? " F?¬M; i? 'v h`-M h-M; - +- p°B ?ÄBX
 a m p`B ; B•v M; "T M; WM; - /b S?QÆM; M|BX ó\*"m 'v ç M; Î # M? pB M pÈB +- h? 'v ç°i M?B M M; 'i tdm- ; BÌ pšM +?Q idM? HçBX \*"m h`-M M?Ì /b çB ç|M +QM Xô
 ó M? 'v #B i +QM F?¬M; Î i` M t2 K" pšM #Ä çB\ M? 'v v m +- 'v M?B m ç M p"v b S?QÆM; X

æ K ç! +¬ bmv M;?o`'i M?B mX \*¬ M;?o p K'v i?€M; [m - p F?Q<sup>a</sup>M; i?`B ;B M p n
b Q M? +ÁM #„i +¬ Î H¢B # M +¢M? KbM? F?B * Q h? M? L?½ ç½ [m v H¢B\ o¨ +
Km®M i`^a i?M +?Q 2K ;€B M?X

a€M; ?¬K b m- H-M ç-m iB M +¬ +?O ç°M; ;¼B +?Q M?X M? F?¬M; M;?2 K€vX

ó M? +| iWM; v m 2K F?¬M; \ >Q†+ H¨ i`QM; K°i F?QªM? F?„+ M¨Q ç|- M? +| `mM;

ó1K ç M; HªK MªªK +€B ;b p"v\ *9T K€v çB- M? #"M H„K5ô M|B tQM; M? /"T K€v

*¬ F?¬M; +?`m v M- iB T iK+ ;¼B +?Q h`-M h¬M;X

ó:b ç•v\ô M? ;„i H M pÈB +¬X

óo pÈB 2K çB5ô *¬ M¨B MdX

M? +?ŠM; i? K M; ?2- HB M /"T K€v M; v b m ç|X

L;mv M •M +® +?'T- +¬ H¢B ;¼B +?Q M? i? K K°i H-M M[X

ó1K K¨ +ÁM H¨K T?B M i¬B M[ô

óL;??2 2K M|B i? K K°i +•m M[i?¬BXô *¬ H M iB M; +„i çSi +•m M|B +O M?X a n
KÈB çQ ` [mv i ç`M? i€Q iÊM M¨vX ó*| TªB M m 2K +kM; +?`m M?[M; ;b ç½ tªv
b) ç 2K çB F?¬M; \ô

h`-M h¬M; M; ?o +¬ ç M; FB K +?mv M- M M W ç¢BX G-M M¨v +¬ /"T K€v i`QÈ+ M

*¬ ç´ ? i ç®M; i?m®+ M; O i`QM; H¼ ` HÁM; #"M i v- M?ûi ? i +?9M; p¨Q KB M; `²B

o¨B T?9i b m- +¬ m®M; ? i +?¶ i?m®+ ç| p¨Q #KM; - #„i ç-m +ªK i?'v #m²M M; OX
M; QÌB H¢BX h`QÈ+ F?B +?bK p¨Q ;B'+ M; O b•m- +¬ ç½ KQM; KbM? +| i? b®M; ç
F?¬M; TªB #"M i•K +?mv M; b M[- F?¬M; +| h`-M h¬M; - F?¬M; +| * Q h? M? L?¼
o„ ? v æBM? >QÆM; - i? ;BÈB +O +¬ KÈB iQÆB b€M; H¨K b QX

jyX *?QÆM; RN, *QM hBK G¢+ G®B

h`-M h¬M; M?"M ` çB m F?€+ i?QÌM; i`QM; +•m M|B +m®B +MM; +O L;mv M •M
H M +ªK ;B€+ #'i M HQ H„M;X M? ;¼B çB M i?Q¢B p +?Q /b S?QÆM; M?QM; /b
KQÌB ? B ;BÌ ç KX

ó*| +?mv M ;b ?ª M? \ô * Q h? M? L?½ M^K i` M ;BQÌM; # M?- ;B¼M; `i F?)X

óE?¬M; +| ;b- 2K M; ?d M; ÆB çB- M? p M?" K°i +?mv MXô h`-M h¬M; çSM; /"v- F
;B9T +¬X

óÍ M?" +| +?mv M ?ª\ô *¬ FûQ i v M? H¢B- F?¬M; Km®M M? p pÈB +¬ ;€B FB X

h`-M h-M; ;Đ i v + - - ` - ` i ; ' T ; € T X ó M ? ç B K ° i H € i i ? - B 5 ô

* Q h ? M ? L ? ½ i S + ; B " M M ? b M i ? 2 Q # ! M ; M ? F ? m ' i / - M - + - ? " K ? U + M ? b M i - M # M + ¢ M ? + - + ? Š M ; + Á M ; B ® M ; M ? Q i ` Q Ê + M [ - + ? d M ! B K ' v + • m F ? € + ? b € Q ç - v t v m + - M [ b Q - M ? M ! B ` ^ M ; F ? - M ; + Á M # " M i • K M [X æ B m ç ! + " M ; F ? B M + - i ? M ? ç ½ + ? Š M ; + Á M + ? ¶ ç M ? m M ; M ? Ê + - M [` ² B X

h` M ç Q Ì M ; p M ? " - M ? H B M i K + ; ¼ B + ? Q / b S ? Q Æ M ; X a m M ? B m H - M H Ð K € v - + m ° + ; ¼ B X

ó * " m h` - M - + ! + ? m v M ; b i ? \ ô : B ¼ M ; M ; € B M ; O i ` ^ H Ì B M ? X

ó L ; m v M • M ç • m ` ² B \ ô M ? ; ? Q [m K ° i F ? 9 + + m - ç ¢ T + ? • M ; i , M ; i ® + X

ó * - ' v ç B M ; O i W b È K ` ² B 5 ô . b S ? Q Æ M ; M ; € T K ° i + € B X

ó G M T ? Á M ; + - ' v F B K i ` - ` ² B # € Q H ¢ B p È B i - B - M ? M ? H M X ô : B ¼ M ; M ? ` i ; ' T

ó . ¢ ç Q Ê + 5 ô . b S ? Q Æ M ; p • M ; p • M ; / ¢ / ¢ ` ² B M ; „ i K € v X

h` M + Q M ç Q Ì M ; p „ M ; - t 2 + O M ? H Q M ? M ? p T ? Q p 2 M b - M ; - i • K i ` ¢ M ; + O M ? B m i ¢ B b Q M ? H ¢ B H Q H „ M ; # ² M + ? ² M M ? Q p " v X

J ° i H 9 + b m - / b S ? Q Æ M ; ; ¼ B H ¢ B + ? Q M ? X ó h B m • M F ? ! i ` € B + Y ` ² B 5 ô

: B Ì i ? b M ? ? Q " M i Q " M + ? „ + + ? „ M + - ç ½ H " K + ? m v M M ; m M ; ® + ; b ` ² B X ó \* ? b F ? ! i ? Ì B ; B M ç • m - M ? M ? K Î + Y p " Q i ` Q M ; t 2 K + - ' v i ? M " Q 5 ô : B ¼ M ; M ? + U + F b ; ' T

. b S ? Q Æ M ; p ° B p ½ i b K + ? b F ? ! / U T ? Á M ; K Î + Y T ? Á M ; L ; m v M • M ` X h ? ' v + - M ^ + Y b ´ i ? b K Î i m M ; - / b S ? Q Æ M ; # Q Ê + ç M ; - M - M ? b M ; Q Æ M ; K † i i ` „ M ; # + ? + O + i ` ® M ; i ` Æ M X

. b # € Q p È B h` - M h - M ; ` ^ M ; L ; m v M • M m ® M ; i ? m ® + M ; O ` ² B X

* ? B + t 2 i ? „ M ; H ¢ B + € B F Q i - i ¢ Q i ? " M ? K ° i p i ç 2 M i ` Q Ê i / " B i ` M ç Q Ì M ; X h ` Q M ; ç H M ? b M ? ^ M ? v m È i + O æ B M ? > Q Æ M ; - M ? F ? - M ; F ? Ä B i S + ; B " M X o " B T ? 9 i b m H M T ? Á M ; # L ; m v M • M ç M # M ? p B M X a „ + K † i + - + U + F b t ' m X E ? B # + - ` F ? / F ? ! 2 K „ i + - ` Æ B ` X M ? + ? - M + ? W p " B ; B • v ` ² B H ¢ B M ? M ? + ? ! M ; K M ; + - ç B X

æ M # M ? p B M - ? ¼ ç † i + - M ^ K i ` M + € M ; - ç ~ v p " Q T ? Á M ; + ' T + S m X

. b S ? Q Æ M ; + Á M K † + # ° ç ² M ; O - F ? ! + i ? 9 i i ? Q i X ó h ¢ B / b - i ¢ B / b + ? d + ? ¶ + ' i i ? m ® -

ó E ? - M ; T ? ^ B H ¶ B + O / b X ô h` - M h - M ; K m ® M M O B M ? Q M ; F ? - M ; # B i T ? ^ B M ! B i ` Q Ê + ç B - + ! i B M ; b + ? € m # € Q b m X ô

ó G ¶ B i ¢ B / b - i ¢ B / b ô . b S ? Q Æ M ; M ' + M ; ? M i W M ; i B M ; X

ó . b F ? ! + + k M ; + ! ; B ^ B [m v i ç Q Ê + ; b ç • m X h - B # ^ Q / b p i ` Q Ê + ç B X ô M ? [ m € i - ç m H ' v + ? Q L ; m v M • M K ' v # ° [ m - M € Q - M ; ? d M ; Æ B K ° i H € i ` ² B p " Q X ô

. b S ? Q Æ M ; M ; ? 2 H Ì B M ? - p M ? " + ? m ~ M # ` p " B # ° [m - M € Q + ? Q L ; m v M • M X

" ® M ; B Ì b m - # € + b o # € Q p È B M ? ? ¼ ç ½ + ® ; „ M ; ? i b S + - M m ç M + ? Q M ; B Ì i ® B i p ¼ M ; ` ² B X h` - M h - M ; M ; ? 2 K ° i i B M ; i ? ` + ? i ` Q M ; i B K K b M ? X M ? M ; ² B t m ® M ; + € B i v - ; Q Æ M ; K † i ç B M i ` B + O M ? i ` Î M M i B m i M v ? Š M X

L ; m v M • M ç Q Ê + ç Q ç M T ? Á M ; ? ² B b S + ç † + # B i X M ? M ; ² B # M + ¢ M ? + ? ! + - i d + ? m - M ; X * Q h ? M ? L ? ½ ; ¼ B X

M ? M ; ? 2 K € v - ; B ¼ M ; m Q ^ B X

ó M ? ç M ; Î ç • m \ ô L ; Q Ê + H ¢ B - ; B ¼ M ; + - i H ¢ B ` i M ; ¼ i M ; " Q X L ; ? 2 + ? ' i ; B ¼ M ; ' v - M ^ K i ` M ; B Q Ì M ; # M ? M ! B p È B K b M ? X

M ? ç Q K „ i M ? b M L ; m v M • M X

ó*| +?mv M ;b F?¬M; \ô M? ?ÆB +? m K"vX
 ó1K Km®M ;†T M?Xô
 óh¬B F?¬M; `½M?X 1K p i`QÈ+ çB- ?¬K F?€+ i¬B ibK 2KXô
 æ M; ç`M? +9T K€v i?b +¬ i H¢B M|BX óG9+ M½v 2K i?'v B ç| ;B®M; M? Î # M
 H" M? F?¬M; \ô
 h¬-M h¬M; +?Êi M?"M ` #ªM i?•M ç½ çQ L;mv M •M ç M +MM; # M? pB M pÈB * Q
 F?¬M; #B i+¬ +| ;B"MF?B #B iKbM? M^K +?mM; # M? pB M pÈB * Q h? M? L?½ F
 ç| +¬ b) M´B çB M pÈB M?- K„M; M? i? M"v i? FB X L?QM; ?bM? M?Q ç| F?¬M
 +?ŠM; # Q ;BÌ [mÎ i`€+? ? v +`K `K ;b M?X
 M? +QÌB K°i +€+? ç m F?'X
 L;mv M •M idM? H¢B p"Q H9+ i€K ;BÌ #®M KQÆB #®M T?9iX h`QM; T?ÁM; +?d +
 çm´B p iW H9+ #ªv ;BÌX
 L?bM i?'v +¬ KÎ K„i- M? i?Î T?"Q M? M?äK- +?²K H M i`QÈ+ M?bM ;QÆM; K†i M
 ó1K idM? `²B "\ \*| i?'v F?| +?`m Î ç•m F?¬M; \ô
 *¬ +?d ;BQÆM; K„i M?bM M?X
 ó1K ?M M? bÊ +? i K'IX h?'v 2K M^K BK M? i?U+ bU `i HQXô
 ó M? tBM H¶B- ?¬K ç| ç€M; H) M M çB +MM; 2K- F?¬M; M M #Ä K†+ 2K H M; i? M;
 ó1K çWM; HQ- M? F?¬M; çB M[ç•m- M? Î +¢M? 2KXô
 ó.b S?QÆM; +kM; HQ +?Q 2K H„KX G-M b m çWM; H"K +?mv M /¢B /°i M?Q p"v\ô
 M? iU ç°+ i?Q¢B K°i KbM?- +ÁM +¬ +?d K½B M?bM M?X *¬ KÎ iQ K„i M?bM- ? i M
 óh¬-M h¬M; ô *¬ F?) ;¼BX
 óV- M? ç•v5ô h?€B ç° +O M? /`m /`M; - M•M; #`M i v +¬ H M €T p"Q K†i KbM?X
 óh¢B b Q H¢B +?¼M * Q h? M? L?½ K" F?¬M; +?¼M 2K\ô
 ó M? çB ;¼B #€+ boXô :B¼M; +¬ M?Ä [m€- M? F?¬M; M; ?2 `äX
 óh¢B b Q ;B¼M; +¬ 'v M; ?2 ;B®M; 2K ç M p"v\ô *¬ iB TiK+ +?'i p'M M?X óh¢B b
 ?^M ?¼+ pÈB 2K\ h¢B b Q M? H¢B i`M M?ŠM pÈB 2K M?Q p"v\ô
 h¬-M h¬M; M; ?2 ? i K¼B +•m ?ÄB +O +¬- M? +?¼M +€+? HªM; i`€M?X ó"€+ bo M
 ?¼ M; vX M? çB ;¼B #€+ bo5ô
 M? ` F?ÄB T?ÁM; - #QÈ+ +?•M F?UM; H¢B b m F?B ç|M; +Y X M? +| M?Q M?[M;
 pÈB +¬ F?¬M; \ *| #Ä `ÆB +¬ K" +?¼M \* Q h? M? L?½ F?¬M; \ \*| i`M M?ŠM pÈB +¬
 *•m i`ª HÌB M? F?¬M; /€K i?W M?"M H" +|X E?B * Q h? M? L?½ [m v p - M? +|
 M? +| +?9i p mB KWM; F?B +¬ i ç M ibK M? i? v p b ibK L;mv M æ¢B o„X
 æ¬B H-M Î # M +¢M? * Q h? M? L?½- M? H¢B bQ b€M? +¬ i pÈB L;mv M •MX *
 #|M; K i`QM; iBK M?- +¬ ;€B ç| H" M¶B €KªM? p K°i çQ¢M ibM? +ªK iQÆB ç T +
 +¬ i - TªB M|B H" `i F?|X \*?Q ç M ?¬K M v- F?B +ÁM ç M; i`QM; pÁM; H~M [m~
 L;mv M •M- M? ç½ #B i i`€B iBK KbM? ?QÈM; p BX M? T?€i ?B M- KbM? F?| +
 +?B K K°i T?¬M `i HÈM i`QM; i`€B iBK M?- T?¬M +ÁM H¢B H" p b M? ? K Km®M
 L;mv M •M F?¬M; TªB H" FB m +QM ;€B ®K v m KªM? FªM?- M?bM H" Km®M +
 L?½X *¬ H" M; QÌB +QM ;€B ç-v ç†M- M|B i?2Q +ªK M?"M +O h¬-M h¬M; i?b H" +
 L|B ` i?b +?QM? +¬ H" M; QÌB ç½ ç€M? i?S+ æBM? >QÆM; - +Sm +¬ 'v F?ÄB HQE
 H"K HQ¢M i`QM; T?ÁM; +O æBM? >QÆM; - +¬ ;€B FB ç½ idM? H¢BX h¬-M h¬M;

#B i L;mv M æ¢B o„ ç½ #` i®M; p`Q iMX *S M;?o +¬ 2K ;€B b) ?`Q ?SM; pÈB iBM i
H¢B +¬m tBM h`¬M h¬M; +Sm M? i ` X ob æBM? >QÆM; v m L;mv M æ¢B o„- pb
+?mv M ç²B #¢B FB pÈB +¬X

L;mv M æ¢B o„ +QÈT #¢M ;€B h`¬M h¬M;- L;mv M æ¢B o„ ;Bì +ÁM +QÈT Hm¬M 2
çQÊ+ b Q\

æ²M; w pÈB L;mv M •M +Sm M? i` B +¬ ` F?¬M; T?ªB pb M? i?QÆM; ?¢B ;B ç
M;QìBX J` pb ç i`ªi?MX "ÎB M m +¬ F?¬M; tm'i ?B M- M? +kM; b) +Sm L;mv M æ
#dM? +O KbM?X

G) ` M? F?¬M; ç`M? ;B K ;B[+¬- M? +?d ç`M? ?M +?Q +¬ bÊ- ç L;mv M æ¢B o„ #
2K ;€B ?„MX h? M?QM; bU pB + H¢B pQÊi [m€ i-K FB K bQ€i +O M?X L;mv M
` KbM? K¢M? K) ç F?¬M; #` #„i M¢i- i?U+ +?`i H¢B v m çm®B ç M ç€M; i?QÆM;
;B®M; * Q h? M? L?½ ç½ F?B M M? Mªv bBM? w Km®M ;B[+¬ H¢B # M KbM?X o`
M?Q K°i i`Á çM +O i?¬M hbM? v m- KkB i M ;?BK p`Q M;QìB M? `²BX

JQìB i€K iB M; b m ç|X L;mv M •M M^K v M i` M ;BQìM;- b m K°i HQ¢i +€+ tûi M;
M? pB M ç i?2Q /äBX am®i F?QªM? i?ìB ;B M ç|- h`¬M h¬M; pšM î # M +¢M? +

•M? M„M; +?B m H2M HÄB [m F?mM; +Y b´`¼B p`Q T?ÁM;X " M M;Q`B- K•v ç2M
L?[M; +ÆM KQ #`i +?Êi pšM ç M ç°i M;°i M?Q p`vX *m®B i?€M; +?QM- b® M;`v K

h`¬M h¬M; çSM; /`v ç|M; +Y b´X a m F?B +?®i +Y - M? /U p`Q # +Y b´- M?bM
óL;mv M •M ô hWM; ?¢i KQ ç¬m iB M `ÆB tm®M;- M†M; M M?Q ;B¼M; M|B +O
ç M # Q ;Bì\ô

*¬ i`QÊi tm®M;- H'v +?,M i`MK +ª M;QìB H¢BX

ó1K Km®M M? T?ªB H`K i? M`Q 2K KÈB +?`m M|B +?mv M pÈB M?ìô M? pšM
óL|B +?mv M pÈB M? çB5ô

" M /QÈB HÈT +?,M- L;mv M •M H„M; M;?2 iWM; +•m M|B +O M? M?QM; F?¬M; ç

ó*| T?ªB 2K ;?ûi M? H„K F?¬M;ìô L;mv M •M M;?2 i?'v iB M; M; ,M FûQ Kî` - `²B
+?¢K p`Q M? mX ó1K t2K çB- M? +kM; #` i?QÆM; `²B M`v5ô

G-M M`v +¬ FûQ i`K +?,M tm®M;- M;?B M; ç¬m M?bM h`¬M h¬M;X \*QM / Q i`QM;
i` M +´ i v M? +| K°i /ÁM; K€m çÄ i?šK +?ªv ` - M?Ä iWM; ;B¼i iWM; ;B¼i tm®M;
'v F?B M +¬ #`i` ? B iB M; óh`¬M h¬M; ô

LK +QìB ?ûi` M K¬B h`¬M h¬M;- M? i?ª +QM / Q tm®M; b`M- çQ #`M i v T?ªB H
ó M? ô L;mv M •M M?,M K†i- +¬ #`K M9i F?~M +`T î ç¬m ;BQìM; `²B /MM; i v #`i p
ó M? #` i?QÆM; `²B5ô h`¬M h¬M; M|B- M?Q #€Q +€Q H¢B pÈB +¬X

ó*| ç€M; F?¬M;ìô *¬ ?ÄB- HB M iK+ #`K M9i F?~M +`TX

o`B T?9i b m- K°i +¬ v i€ p`Q T?ÁM;- M?bM i?'v K€m `ÆB ç¬v b`M- +¬ i p°B p`M;
"€+ bo F?•m p i i?QÆM; +?Q M?- KQìB ? B KkBX h`QÈ+ F?B çB- p` #€+ bo ç| +A
M;Q`B K` +? i- î # M? pB M +? i çO `²BX æ•v H` # M? pB M- H` +?¶ +Sm M;QìB +
> B M;QìB +ÁM i` K` M¬M; +¢M [m€ p`v5ô

o` #€+ bo çB ` - i`QM; T?ÁM; +?d +ÁM H¢B ? B M;QìB #¼M ?¼X h`¬M h¬M; M;²B î
t - M? bì /ªB #,M; K`m i`„M; i` M i v- K„i T?|M; ` M;Q`B F?mM; +Y b´X

h`QM; F?¬M; ;B M i oM? K`+? M;?2 `ä +ª iB M; MQÈ+ M?Ä ;B¼i # M M;Q`BX h`ìB ç
;°i b¢+? K¼B T?B M M?B m +O i? ;BÈB M`vX

L;mv M •M F?) ;¼B i M M?X óh`¬M h¬M; ô æ M H9+ M`v +¬ F?¬M; i? ;B[BK H†M
óVôX h`¬M h¬M; i`ª HìB- M? çQ K„i b M; M?bM +¬X

> B M; QÌB ?¼ H¢B BK H†M; - M? M?bM +¬- +ÁM +¬ M?bM /ªB #,M; i`„M; i` M i v
`i H•m- M? KÈB [mv i ç`M? çSM; /"v çB p T?Q +¬X

JQ K„i +¬ F?ûT H¢B- H¬M; KB ç2M /"v ?ÆB `mM; X \*€M? K¬B K¼M; MQÈ+ #` +¬ +
FûQ +¬ /U p`Q HÁM; M; U+ M?- #`M i v M? pm®i p2 i!+ +¬X

óæWM; F?!+5 1K F?!+ M? t!i5ô

L; ?2 çQÈ+ ; B¼M; M?- MQÈ+ K„i +¬ i`Q` - H,M /"B i` M K€X *¬ M„K +?†i K°i ; !+
K†i p`Q ?äK p B M?- iB M; M'+ +`M; H9+ +`M; HÈMX

óæWM; F?!+5ô M? /¶ /"M? +¬- b!M; KkB M? +kM; +?Êi + v + vX

ó M? +! v m 2K F?¬M; \ô *¬ ?ÄB i`QM; iB M; F?!+ M; ? M M; "Q- M; QÈ+ K†i H M M?

ó*!- M? v m 2KX M? v m 2K- L; mv M •M5ô ""M i v M? pKM; p H m MQÈ+ K„i i` M
+O +¬X

*¬ pÁM; i v ¬K [m M? i?„i HQM; M?- +! i? +•m i`ª HìB +O M? H` ; Bª /®B M?QM
M; ?o M; ÊB M?B mX h`€B iBK +¬ +?d +?S K¶B h`¬M h¬M; - +¬ +kM; v m M?X h?Q
H•m- K` v m i?b H¢B +?d +¬M i`QM; +?ÊT K„iX "®M i?€M; X æ +! K°i iB M? v m b
+?Q ç M KS+¬ M?QM; H` F?QªM; i?ÌB ; B M F?¬M; i? `ÌB t ç®B T?QÆM; X

L?bM €M? K„i [m M i•K +O L; mv M •M F?B +¬ +?¢K p`Q p i +„i î +´ i v- M? iU i`€
M?B mX G9+ M`v M? +?d Km®M ¬K +?†i H`v +¬- bB i +¬ i`QM; pÁM; i v KbM?- ç
MSi M +O +¬X h`QM; K°i ; B•v F?¬M; FbK HÁM; M´B- M? +9B tm®M; +„M K¬B /Q

L; mv M •M +! w T?ªM F?€M; - M?QM; #ªM i?•M +¬ +kM; `i Km®M M?X Jm®M M? ¬
+¬ M?Q H9+ i`QÈ+ M? iWM; H`KX h`¬M h¬M; Hm²M i v p`Q i`QM; €Q +¬- M; !M i v
+€+? [m2M i?m°+X

" M M; Q`B i`ÌB ç´ KQ - ~K QÈi p` H¢M? H)QX E?¬M; F?Q i`QM; T?ÁM; H¢B F?€ M;
T?9+X

a€M; ?¬K b m- F?! F?„M H„K L; mv M •M KÈB çSM; p[M; i` M ç¬B +?•M M?Q Km®
T?ÁM; p bBM?X *¬ ç€M? `„M; `Y K†i tQM; tm¬B- H¢B i?`v p i?¬M /"B i` M +´- +ª
#U+ #°B ?ÆMX h®B [m M? +?ŠM; F?€+ M`Q ?´ ç!B p² çQÈ+ K²B- M; 'm M; ?B M F?
b€M; M? +ÁM i?Á i v p`Q i`QM; +?„M- [m`v T?€ +¬ H¬M M[X

*¬ ; €B i`QM; ; QÆM; b„+ K†i ç½´M ?ÆM- +! +?9i ?²M; ?"Q- +?d H` ; QÆM; K†i ?ÆB
h`¬M h¬M; M!B T?ªB p +¬M; i v K°i +?mv M- M? +! +m°+ ?¼T [m M i`¼M; - #ªQ `^M
M; ²B i`QM; T?ÁM; - ? i çSM; H¢B M; ²B- ? i M; ²B H¢B M^KX æSM; +¢M? +Y b´M; „
HªK M?ªK M!B +?mv M pÈB +QM K Q ?Q M; T?Q /QÈB b•M +Á iQ i t X *¬ i?U+ bU
M v /b S?QÆM; +?ŠM; p`Q # M? pB M i?„K +¬X J`v +m®M i¢T +?Q v F?Q +¬ +kM;
bBM? # M? iU FdX

h? H` +¬ `ÌB F?ÄB T?ÁM; - Km®M ` M; Q`B çB /¢Q K°i H9+X æB ; -M ç M M?` M; mv
H9+- iÁ KÁ M?bM p`Q i`QM; X æ•v H` +„M T?ÁM; M?Ä /MM; ç +¬m M; mv M- # M i
ç!M; çBM? i` M +•v h?“T; B€- H9+ KÈB M?bM- L; mv M •M ?ÆB bÈX *¬ F?¬M; i?20
ªM? M`v +! +?9i €KªM?X

E?¬M; M€M H¢B H•m- +¬ iB TiK+ `ªQ #QÈ+- ç M +Y i? M; K€v- +¬ ; †T H¢B * Q h?
M? M?•M ; B®M; +¬- +! H) H` ç T ?ÆMX

> B M; QÌB ç m çB tm®M; X * Q h? M? L?½ iQÆB +QÌB- iÄ p M; ¢+ M?B M F?B i?`v
?ÊT i?“i5ô

L; mv M •M F?¬M; i`ª HìBX æ9M; H9+ +Y i? M; K€v KÎ` - i`MM; ?ÊT H` # M i`QM;
M; Q M M; Q½M î i`QM; T?ÁM; +?„+ b) F?¬M; #m²M #U+ M?Q p`v `²BX

*¬ i #´K +?¼M i¬M; i` i- ?ÄB +¬ tm®M; i¬M; K`vX *¬ M!B tm®M; i¬M; i` i Hm¬M- p
+¬ m®M; MQÈ+X L; mv M •M F?¬M; iW +?®BX

* Q h? M? L?½ +?¼ M p` i`Q ; -M +Y b´- M|B ç9M; ` i?b +Y Î ç•v çQÊ+ ®T FQM?-
M?bM i?Q€M; X a m F?B F m ? B Hv H ii2- +¬ i #„i ç-m i'M +¬M; L;mv M •MX
óh¬B M; ?2 M|B +| M; Q|B m®M; i?m®+ iU iY pb ibM?- i?B i /çB /°iX L; Q|B i ç½ F?
?çB #ªM i?•M M?Q p"vX *¬ M; ?o ç9M; F?¬M; \ô
L;mv M •M ; "i ; M- +¬ F?¬M; /€K M?bM p"Q K„i +¬ i - +?d M?bM ? B #`M i v M; ?`+?
ó*?mv M i¬B M|B pÈB +¬ K'v ?¬K i`QÊ+ - +ÁM M?È +?S\ô * Q h? M? L?½ F?Q M? i
K†i +¬X
G9+ M"v L;mv M •M KÈB M; QÊ+ M?bM +¬ i - +¬ i?'v +U+ Fb F?| +?`m pÈB ; QÆM; K
óL; ?2 M|B h`-M h¬M; Î # M +çM? +¬ K'v M; "v [m Xô *¬ i /WM; HçB K°i ; B•vX óh¬B
bo M|B i? i`çM; i¬B +ÁM v m- F?¬M; i? H`K M?[M; ç°M; i€+ KçM? çQÊ+X M? '
i?¬M; +ªKX *?d ?B p¼M; +¬ çWM; iU ?mv M ?Q†+ #ªM i?•M `^M; M? 'v v m +¬ ô
S?K+ pK #QM; MQÊ+ ` - \* Q h? M? L?½ F?¬M; Km®M #` M; Q|B F?€+ M; ?2 i?'v M
i?•M i?B M +ªK ÆM M? +?`M; T?K+ pKX æÊB M? i çB- +¬ i KÈB M|B iB TX ó *
H QÊM; bS+ KbM?- FûQ F?¬M; çQÊ+ i?b T?ªB i?ª- /•v /Q +?d H`K #ªM i?•M ç m i?
L;mv M •M +, M; ? i M; Q|B- p i iQK Î +´ i`Î M M ç m M?S+X óa Q +¬ /€K +?„+ M? 'v
i¬B\ô
*•m ?ÄB +O +¬ F?B M * Q h? M? L?½ i?Q€M; M; ~M M; ÆX óæ`M ¬M; K"- +?d ? K p
+MM; ?¼ pšM [m v p pÈB M; Q|B ?¼ v m5ô *¬ i +| T?-M K'i iU iBM ?ÆM i`QÊ+X
ó M? 'v M|B i`Q M v [m v HçB- +¬ +| Km®M +QÊ+ t2K M? 'v ç M T?ÁM; B i`QÊ+
H` # M ç"m +m®B +MM; +O M? 'v\ G9+ ç| b) #B i B KÈB H` M; Q|B iU ?mv M ?Q†
+¬ F?¬M; +?„M +?„M H„KX *¬ i M|B h`-M h¬M; ç K [m +?d Km®M pmB p pÈB +¬
+¬ ç½ iBMX L|B ` +•m M"v pb +¬ F?¬M; Km®M K'i K†i- F?¬M; Km®M ç M; Q|B ç`M
* Q h? M? L?½ M? M? +?| M; ; "i ç-m ç²M; wX L;mv M •M M®+ +çM Hv H ii2 HçM? i
tm®M; #`M `²B çSM; /"v #Ä çBX
h`Î p T?ÁM; # M?- +¬ M^K /`B i` M ; BQ|M; - Km®M ; ¼B çB M M?äM; M?)Q p`B +•
K K HÁM; ç M ibK +¬ M; vX L?QM; +€B i¬B [m € HÈM- +¬ F?¬M; +?Q T?ûT #ªM i?
h`€B HçB- \* Q h? M? L?½ HB M iK+ ; ¼B +?Q h`-M h¬M; X M? M?"M +m°+ ; ¼B +C
M|B +¬M; †T M? M|B +?mv M i?U+ bU [m M i`¼M; - F m M? F?B M"Q tQM; pB +i?
o"v KÈB M|B- +?d +¬M #B i ,M M|B- +°M; i? K ; QÆM; K†i tBM? ç T- iÄ ` v m çm®
tB m HÁM; X

jRX *?QÆM; RN, *QM hBK Gç+ G®B

h`-M h¬M; M?"M ` çB m F?€+ i?Q|M; i`QM; +•m M|B +m®B +MM; +O L;mv M •M
H M +ªK ; B€+ #`i M HQ H„M; X M? ; ¼B çB M i?QçB p +?Q /b S?QÆM; M?QM; /b
KQ|B ? B ; B| ç KX

ó*| +?mv M ; b ?ª M? \ô * Q h? M? L?½ M^K i` M ; BQ|M; # M?- ; B¼M; `i F?)X

óE?¬M; +| ; b- 2K M; ?d M; ÆB çB- M? p M?" K°i +?mv MXô h`-M h¬M; çSM; /"v- F
; B9T +¬X

óÍ M?¨ +| +?mv M ?ª\ô *¬ FûQ i v M? H¢B- F?¬M; Km®M M? p pÈB +¬ ;€B FB X

h`-M h¬M; ;Đ i v +¬ ` - ``i ;'T ;€TX ó M? ¸B K°i H€i i?¬B5ô

* Q h? M? L?½ iS+ ;B" M M?bM i?2Q #|M; M? F?m'i /-M- +¬ ?"K ?U+ M?bM i`-M
M +¢M? +¬ +?ŠM; +ÁM ;B®M; M?Q i`QÈ+ M[- +?d M|B K'v +•m F?€+? b€Q ¸-v t
v m +¬ M[b Q- M? M|B ``M; F?¬M; +ÁM #"M i•K M[X æB m ¸| +¨M; F?B M +¬ i?
M? ¸½ +?ŠM; +ÁM +?¶ ¸ M?mM; M?È +¬ M[``²BX

h` M ¸QÌM; p M?¨- M? HB M iK+ ;¼B +?Q /b S?QÆM;X a m M?B m H-M HĐ K€v-
+m°+ ;¼BX

ó*"m h`-M- +| +?mv M ;b i? \ô :B¼M; M;€B M;O i`ª HÌB M?X

óL;mv M •M ¸•m `²B\ô M? ;? Q [m K°i F?9+ +m - ¸¢T +?•M ; i,M; i®+X

ó*¬ 'v ¸B M;O iW bÈK `²B5ô .b S?QÆM; M;€T K°i +€BX

óG M T?ÁM; +¬ 'v FB K i` - `²B #€Q H¢B pÈB i¬B- M? M? H MXô :B¼M; M? ``i ;'T

ó.¢ ¸QÊ+5ô .b S?QÆM; p•M; p•M; /¢ /¢ `²B M;„i K€vX

h` M +QM ¸QÌM; p„M;- t2 +O M? H Q M? M? p T?Q p2M b¬M;- i•K i`¢M; +O M
?B m i¢B b Q M? H¢B HQ H„M; #²M +?²M M?Q p"vX

J°i H9+ b m- /b S?QÆM; ;¼B H¢B +?Q M?X óhB m •M F?| i`€B +Y `²B5ô

:BÌ i?b M? ?Q¨M iQ¨M +?„+ +?„M +¬ ¸½ H¨K +?mv M M;m M;®+ ;b `²BX ó*?b F?|
i?ÌB ;B M ¸•m- M? M? KÎ+Y p¨Q i`QM; t2K +¬ 'v i? M¨Q5ô :B¼M; M? +U+ Fb ;'T

.b S?QÆM; p°B p½ ibK +?b F?| /U T?ÁM; KÎ+Y T?ÁM; L;mv M •M `X h?'v +¬ M^
+Y b´i?b KÎ imM;- /b S?QÆM; #QÈ+ ¸ M ;¬M- M?bM ;QÆM; K†i i`„M; # +? +O +
i`®M; i`ÆMX

.b #€Q pÈB h`-M h¬M; ``M; L;mv M •M m®M; i?m®+ M;O `²BX

*?B +t2 i?„M; H¢B +€B FQi- i¢Q i?¨M? K°i p i ¸2M i`QÊi /¨B i` M ¸QÌM;X h`QM; ¸
H M ?bM?ªM? v m Èi +O æBM? >QÆM;- M? F?¬M; F?ÄB iS+ ;B"MX o¨B T?9i b
+?¢v H M T?ÁM; # L;mv M •M ¸ M # M? pB MX a„+ K†i +¬ +U+ Fb t'mX E?B # +
MQÈ+ iW F?|2 K„i +¬ `ÆB `X M? +?¬M +?W p¨B ;B•v `²B H¢B M? M? +?|M; K M;

æ M # M? pB M- ?¼ ç†i +¬ M^K i` M +€M;- ç~v p¨Q T?ÁM; +’T +SmX

.b S?QÆM; +ÁM K†+ #° ç² M;O- F?|+ i?9i i?QiX óh¢B /b- i¢B /b +?d +?¶ +’i i?m®+

óE?¬M; T?ªB H¶B +O /bXô h`-M h¬M; Km®M M OB M?QM; F?¬M; #B i T?ªB M|B
i`QÊ+ çB- +| iBM ;b +?€m #€Q b mXô

óG¶B i¢B /b- i¢B /b ô .b S?QÆM; M’+ M;? M iWM; iB M;X

ó.b F?|+ +kM; +| ;BªB [mv i çQÊ+ ;b ç•mX h¬B #ªQ /b p i`QÊ+ çBXô M? [m€i- çm
H’v +?Q L;mv M •M K’v #° [m-M €Q- M;?d M;ÆB K°i H€i `²B p¨QXô

.b S?QÆM; M;?2 HÌB M?- p M?“ +?m~M #` p¨B #° [m-M €Q +?Q L;mv M •MX

"®M ;BÌ b m- #€+ bo #€Q pÈB M? ?¼ ç½ +® ;„M; ? i bS+- M m ç M +?QM ;BÌ i®B
p¼M; `²BX h`-M h¬M; M;?2 K°i iB M; i?“ +? i`QM; iBK KbM?X M? M;²B tm®M; +€B
i v- ;QÆM; K†i çB M i` B +O M? i`Î M M iB m iMv ?ŠMX

L;mv M •M çQÊ+ çQ ç M T?ÁM; ?²B bS+ ç†+ #B iX M? M;²B # M +¢M? +?Ì +¬ id
+?m¬M;X * Q h? M? L?½ ;¼BX

M? M;?2 K€v- ;B¼M; m QªBX

ó M? ç M; Î ç•m\ô L;QÊ+ H¢B- ;B¼M; +¬ i H¢B `’i M;¼i M;¨QX L;?2 +?’i ;B¼M; ’v-
M^K i` M ;BQÌM; # M? M|B pÈB KbM?X

M? çQ K„i M?bM L;mv M •MX

ó*| +?mv M ;b F?¬M;\ô M? ?ÆB +? m K¨vX

ó1K Km®M ;†T M?Xô

óh¬B F?¬M; `½M?X 1K p i`QÊ+ çB- ?¬K F?€+ i¬B ibK 2KXô

æ M; ç`M? +9T K€v i?b +¬ i H¢B M|BX óG9+ M½v 2K i?’v B ç| ;B®M; M? Î # M
H¨ M? F?¬M;\ô

h`-M h¬M; +?Êi M?“M ` #ªM i?•M ç½ çQ L;mv M •M ç M +MM; # M? pB M pÈB * Q
F?¬M; #B i +¬ +| ;B”M F?B #B i KbM? M^K +?mM; # M? pB M pÈB * Q h? M? L?½ F

ç| +¬ b) M´B çB M pÈB M?- K„M; M? i? M¨v i? FB X L?QM; ?bM? M?Q ç| F?¬M
+?ŠM; # Q ;BÌ [mÎ i`€+? ? v +¨K¨¨K ;b M?X

M? +QÌB K°i +€+? ç m F?´X

L;mv M •M idM? HϕB p¨Q H9+ i€K ;BÌ #®M KQÆB #®M T?9iX h`QM; T?ÁM; +?d +
çm´B p iW H9+ #ªv ;BÌX

L?bM i?'v +¬ KÎ K„i- M? i?Î T?¨Q M? M?äK- +?²K H M i`QÈ+ M?bM ;QÆM; K†i M

ó1K idM? `²B¨\ \*| i?'v F?| +?`m Î ç•m F?¬M; \ô

*¬ +?d ;BQÆM; K„i M?bM M?X

ó1K ?M M? bÊ +? i K'iX h?'v 2K M^K BK M? i?U+ bU¨`i HQXô

ó M? tBM H¶B- ?¬K ç| ç€M; H) M M çB +MM; 2K- F?¬M; M M #Ä K†+ 2K H M; i? M;

ó1K çWM; HQ- M? F?¬M; çB M[ç•m- M? Î +ϕM? 2KXô

ó.b S?QÆM; +kM; HQ +?Q 2K H„KX G-M b m çWM; H¨K +?mv M /ϕB /°i M?Q p¨v\ô

M? iU ç°+ i?QϕB K°i KbM?- +ÁM +¬ +?d K½B M?bM M?X *¬ KÎ iQ K„i M?bM- ? i M

óh`-M h¬M; ô *¬ F?) ;¼BX

óV- M? ç•v5ô h?€B ç° +O M? /`m /¨M;- M•M; #¨M i v +¬ H M €T p¨Q K†i KbM?X

óhϕB b Q HϕB +?¼M * Q h? M? L?½ K¨ F?¬M; +?¼M 2K\ô

ó M? çB ;¼B #€+ boXô :B¼M; +¬ M?Ä [m€- M? F?¬M; M;?2 `äX

óhϕB b Q ;B¼M; +¬ 'v M;?2 ;B®M; 2K ç M p¨v\ô *¬ iB T iK+ +?'i p'M M?X óhϕB b
?^M ?¼+ pÈB 2K\ hϕB b Q M? HϕB i¨M M?ŠM pÈB 2K M?Q p¨v\ô

h`-M h¬M; M;?2 ? i K¼B +•m ?ÄB +O +¬- M? +?¼M +€+? HªM; i`€M?X ó"€+ bo M
?¼ M; vX M? çB ;¼B #€+ bo5ô

M?` F?ÄBT?ÁM;- #QÈ+ +?•M F?UM; H¢B b m F?B ¢|M; +Y X M? +| M?Q M?[M; pÈB +¬ F?¬M; \ \*| #Ä`ÆB +¬ K" +?¼M * Q h? M? L?½ F?¬M; \ *| i" M M?šM pÈB +¬

*•m i`a HÌB M? F?¬M; /€K i?W M?"M H" +|X E?B * Q h? M? L?½ [m v p - M? +| M? +| +?9i pmB KWM; F?B +¬ i ¢ M i bK M? i? v p b i bK L; m v M æ¢B o„X

æ¬B H-M î# M +¢M? * Q h? M? L?½- M? H¢B bQ b€M? +¬ i pÈB L; m v M •MX * #|M; K i`QM; iBK M?- +¬ ; €B ¢| H" M¶B €K ªM? p K°i ¢Q¢M i bM? +ªK iQÆB ¢ T + +¬ i - T?ªB M|B H" `i F?|X *?Q ¢ M ?¬K M v- F?B +ÁM ¢ M; i`QM; pÁM; H~M [m~ L; m v M •M- M? ¢½ #B i i`€B iBK KbM? ?QÈM; p BX M? T?€i ?B M- KbM? F?| + +?B K K°i T?¬M `i HÈM i`QM; i`€B iBK M?- T?¬M +ÁM H¢B H" p b M? ? K Km®M

L; m v M •M F?¬M; T?ªB H" FB m +QM ; €B ®K v m KªM? F?ªM?- M?bM H" Km®M + L?½X *¬ H" M; QÌB +QM ; €B ¢-v ¢†M- M|B i?2Q +ªK M?"M +O h`¬M h¬M; i?b H" +

L|B ` i?b +?QM? +¬ H" M; QÌB ¢½ ¢€M? i?S+ æBM? >QÆM;- +Sm +¬ 'v F?ÄB HQE H"K HQ¢M i`QM; T?ÁM; +O æBM? >QÆM;- +¬ ; €B FB ¢½ i dM? H¢BX h`¬M h¬M; #B i L; m v M æ¢B o„ ¢½ #` i®M; p"Q iMX *S M; ?o +¬ 2K ; €B b) ?"Q ?SM; pÈB iBM i H¢B +¬m tBM h`¬M h¬M; +Sm M? i `X ob æBM? >QÆM; v m L; m v M æ¢B o„- p b +?m v M ¢²B #¢B FB pÈB +¬X

L; m v M æ¢B o„ +QÈT #¢M ; €B h`¬M h¬M;- L; m v M æ¢B o„ ; BÌ +ÁM +QÈT Hm¬M 2 ¢QÈ+ b Q\

æ²M; w pÈB L; m v M •M +Sm M? i`B +¬ ` F?¬M; T?ªB p b M? i?QÆM; ?¢B ; B ¢ M; QÌBX J" p b ¢ i`ª i?MX "ÎB M m +¬ F?¬M; t m'i ?B M- M? +kM; b) +Sm L; m v M #QÈM; #dM? +O KbM?X

G) ` M? F?¬M; ¢`M? ; B K ; B[+¬- M? +?d ¢`M? ?M +?Q +¬ bÊ- ¢ L; m v M æ¢B o #S+ 2K ; €B ?„MX h? M?QM; bU pB + H¢B pQÊi [m€i-K FB K bQ€i +O M?X L; m iÄ` KbM? K¢M? K) ¢ F?¬M; #` #„i M¢i- i?U+ +?i H¢B v m ¢m®B ¢ M ¢€M; i?QÆM ; B®M; \* Q h? M? L?½ ¢½ F?B M M? Mªv bBM? w Km®M ; B[ +¬ H¢B # M KbM?X o" M?Q K°i i`Á ¢M +O i?¬M h bM? v m- KkBi M ; ?BK p"Q M; QÌB M? `²BX

JQÌB i€K iB M; b m ¢|X L; m v M •M M^K v M i` M ; BQÌM;- b m K°i HQ¢i +€+ tûi M; # M? pB M ¢ i?2Q /äBX am®i F?QªM? i?ÌB ; B M ¢| - h`¬M h¬M; pšM Î# M +¢M? +

•M? M„M; +?B m H2M HÄB [m F?mM; +Y b´`¼B p"Q T?ÁM; X " M M; Q" B- K•v ¢2M L?[M; +ÆM KQ #i +?Êi pšM ¢ M ¢°i M; °i M?Q p"vX *m®B i?€M; +?QM- b®M; "v K

h`¬M h¬M; ¢SM; /"v ¢|M; +Y b´X a m F?B +?®i +Y - M? /U p"Q # +Y b´- M?bM

óL; m v M •M ô hWM; ?¢i KQ ¢-m iB M `ÆB t m®M;- M†M; M M?Q ; B¼M; M|B +O

ç M # Q ;B\ô

*¬ i`QÊi tm®M;- H'v +?, M i`MK +^a M; QìB H¢BX

ó1K Km®M M? T?^aB H`K i? M`Q 2K KÈB +?`m M|B +?mv M pÈB M?\ô M? pšM
óL|B +?mv M pÈB M? çB5ô

" M /QÈB HÈT +?, M- L; mv M •M H„M; M; ?2 iWM; +•m M|B +O M? M?QM; F?¬M; ç

ó*| T?^aB 2K ;?ûi M? H„K F?¬M;\ô L; mv M •M M; ?2 i?'v iB M; M;, M FûQ KÎ` -`²B
+?¢K p`Q M? mX ó1K t2K çB- M? +kM; #` i?QÆM; `²B M`v5ô

G-M M`v +¬ FûQ i`K +?, M tm®M;- M; ?B M; ç-m M?bM h`-M h¬M; X \*QM / Q i`QM;
i` M +´ i v M? +| K°i /ÁM; K€m çÄ i?šK +?av` - M?Ä iWM; ;B¼i iWM; ;B¼i tm®M;
'v F?B M +¬ #`i` ? B iB M; óh`-M h¬M; ô

LK +QìB ?ûi` M K¬B h`-M h¬M;- M? i?^a +QM / Q tm®M; b`M- çQ #`M i v T?^aB H

ó M? ô L; mv M •M M?, M K†i- +¬ #'K M9i F?~M +'T Î ç-m ;BQìM; `²B /MM; i v #`i p

ó M? #` i?QÆM; `²B5ô h`-M h¬M; M|B- M?Q #€Q +€Q H¢B pÈB +¬X

ó*| ç€M; F?¬M;\ô *¬ ?ÄB- HB M iK+ #'K M9i F?~M +'TX

o`B T?9i b m- K°i +¬ v i€ p`Q T?ÁM;- M?bM i?'v K€m `ÆB ç-v b`M- +¬ i p°B p`M;

"€+ bo F?•m p i i?QÆM; +?Q M?- KQìB ? B KkBX h`QÈ+ F?B çB- p` #€+ bo ç| +A
M; Q`B K` +? i- Î # M? pB M +? i çO `²BX æ•v H` # M? pB M- H` +?¶ +Sm M; QìB +
> B M; QìB +ÁM i` K` M¬M; +¢M [m€ p`v5ô

o` #€+ bo çB` - i`QM; T?ÁM; +?d +ÁM H¢B ? B M; QìB #¼M ?¼X h`-M h¬M; M; ²B Î
t - M? b| /^aB #, M; K`m i`„M; i` M i v- K„i T?|M; ` M; Q`B F?mM; +Y b´X

h`QM; F?¬M; ;B M ioM? K`+? M; ?2 `ä +<sup>a</sup> iB M; MQÈ+ M?Ä ;B¼i # M M; Q`BX h`B
Km®M ;°i b¢+? K¼B T?B M M?B m +O i? ;BÈB M`vX

L; mv M •M F?) ;¼B i M M?X óh`-M h¬M; ô æ M H9+ M`v +¬ F?¬M; i? ;B[BK H†M

óVôX h`-M h¬M; i`^a HìB- M? çQ K„i b M; M?bM +¬X

> B M; Q`B ?¼ H¢B BK H†M;- M? M?bM +¬- +ÁM +¬ M?bM /ªB #,M; i`„M; i` M i v
`i H•m- M? KÈB [mv i ¸`M? ¸SM; /"v ¸B p T?Q +¬X

JQ K„i +¬ F?ûT H¢B- H¬M; KB ¸2M /"v ?ÆB `mM;X \*€M? K¬B K¼M; MQÈ+ #` +¬ +
FûQ +¬ /U p"Q HÁM; M;U+ M?- #`M i v M? pm®i p2 i!+ +¬X

óæWM; F?!+5 1K F?!+ M? t!i5ô

L;?2 ¸QE+ ;B¼M; M?- MQÈ+ K„i +¬ i`"Q ` - H,M /"B i` M K€X *¬ M„K +?†i K°i ;!+
K†i p"Q ?äK p B M?- iB M; M'+ +`M; H9+ +`M; HÈMX

óæWM; F?!+5ô M? /¶ /"M? +¬- b!M; KkB M? +kM; +?Êi + v + vX

ó M? +! v m 2K F?¬M;\ô *¬ ?ÄB i`QM; iB M; F?!+ M;? M M;"Q- M;QE+ K†i H M M?

ó*!- M? v m 2KX M? v m 2K- L;mv M •M5ô ""M i v M? pKM; p H m MQÈ+ K„i i` M
+O +¬X

*¬ pÁM; i v ¬K [m M? i?„i HQM; M?- +! i? +•m i`ª HìB +O M? H" ;Bª /®B M?QM
M;?o M;ÊB M?B mX h`€B iBK +¬ +?d +?S K¶B h`¬M h¬M;- +¬ +kM; v m M?X h3 p

M? M?bM +¬ ç-v [m M i•K- ç€v K„i +| +?9i HQ bÊX óL?“M` M? F?¬M; \ L;mv M •M
*¬ ;”i ç-m- +ªK ;B€+ +?Q€M; p€M; pšM +?Q [m ? iX
h`-M h¬M; # +¬ p T?ÁM;X E?B /U p`Q HÁM; M;U+ M?- +¬ M;?2 çQÊ+ iB M; iB
h`QM; F?QªM? F?„+ M`Q ç!- +¬ Km®M KQB i`€B iBK 'v` ç i?2Q /äB- t2K M! +|
F?¬M;X
a m F?B çQÊ+ #€+ bo FB K i` - ?¼ M!B +¬ +?d #` +?Q€M; K°i +?9i i?¬B- p`B iB M;
T?ªB #€Q pÊB ?¼ M; vX h`-M h¬M; +ªK ÆM`²B iB M ?¼` M;Q`BX G9+ [m v H¢B-
i`•M H M i`-M M?“- HÁM; M? +?Êi M†M; i`om- F?¬M; #B i M M ;BªB i?Q+? i? M`
óh`-M h¬M; ô \*¬ ;¼B M? #^M; +?`i ;B¼M; `i M? - H¢B +ÁM ?ÆB FûQ /`B •K +m®
L?½ M[ô
M? M? M? +?|M; #QÊ+ H¢B ;¬M- M;²B H M KûT ;BQÌM;- M„K i v +¬X óV- M? M
F?¬M; ;†T +¬ i M[- F?¬M; # Q ;BÌXô
*¬ M?bM M?- ?ÆB KdK +QÌBX óh`-M h¬M;- 2K Km®M p M?“Xô
óæQÊ+- H€i M[p M?“ M? F m /b S?QÆM; M'm p`B K!M +?Q 2K ô
óh`-M h¬M;- 2K Km®M p ;†T # K 2K ô
M? KÎ KB M; ç`M? iW +?®B- M?QM; M?bM p`Q ç¬B K„i #m²M`QìB`QÊB FB - M?
iW ?®+ K„i ç!- M M ç½ ç²M; wX óæQÊ+- 2K Km®M ;b +kM; çQÊ+X L?QM; T?ªB ?S
çQÊ+ F?¬M; \ô
*¬ óWKô K°i iB M;- b m ç! M?“K K„i- M?äM; M?)Q çÁB çQÊ+ M? ¬KX
Zmª i?U+ h`-M h¬M; ;B[HìB ?S X
>¬K tm'i pB M p H¢B +,M M?“ p2M b¬M;- M? ç +¬ ;¼B çB M +?Q L;mv M æ¢B o„
;€B M!B Km®M p i?,K # K HB M /¼M / T H¢B T?ÁM; b€+? +?Q 2K ;€B- +ÁM M;Ä
iW +?®B- M!B H` +?mv M # v +| i? #` ?Q½M- F?¬M; Km®M M? çÊB H•mX L;mv M
p`v +kM; ç²M; w F?¬M; ` b•M # v ç!M M[X
æ M +?B m Km°M M;`v ?¬K b m- h`-M h¬M; H'v t2 çQ +¬ ç M +?mM; +Q +O L;mv
`QÆM; ?`M? Hw +O +¬- b m ç! i?2Q +¬ p`Q i? M; K€vX
L!B i?“i- M? +| ?ÆB HQ bÊX M? bÊ +¬ i`®M çB K'i- #Ä H¢B M? K°i KbM?X ob
+?ŠM; M!B M,M; ;b- +kM; +?ŠM; çª ç°M; ç M +?mv M +O * Q h? M? L?½X æ¬B K
+?S ç-v M¶B #m²M T?B MX
æ M i¬M; KQìB b€m- +¬ i?Î /`B K°i ?ÆB- çSM; +?¬M +?W K°i H9+ i`QÊ+ +Y i? M;
+O L;mv M æ¢B o„X h`-M h¬M; ?ÆB F?| +?`m F?B M;?o ç M +?mv M ;†T H¢B M?
"¶M; L;mv M •M [m v b M; T?Q M?- ? B i v +¬ M„K +?†i H¢BX ó*?Q 2K K°i +?9i i?
`M i?Ä - 2K b) HB M H¢+ pÊB M? ô
ó" Q H•m\ô h`-M h¬M; ;B[+¬ H¢BX
ó1K F?¬M; #B iXô *¬ M!B- F?¬M; M?bM M?X
óo"v 2K ô h`-M h¬M; +?Q M!B ? i +•m ç½ #` M;QìB M`Q ç! +„i M; M;X
L;mv M æ¢B o„M;?2 HìB #` L;mv M- +?çv` t2K i?Y +¬ ç½ ç M +?Q X æ M ;¬M +Y
+¬- M? HB M ;¼B HÈMX óL;mv M •M5ô
L;mv M •M p` h`-M h¬M; +MM; [m v ç-m H¢BX
L; v F?B i`¬M; i?'v h`-M h¬M;- L;mv M æ¢B o„ ?ÆB M;”T M;WM;X *ÁM h`-M h¬M;
#Ä çB- #'K HB M iK+ p`Q M9i +?ìi? M; K€vX
ó M? çÊB 2K5ô h`-M h¬M; #'i M;ì H M iB M;- K†+ /M F?¬M; HÈM H„K M?QM; +kM;

L;mv M • M [m v H¢B- +¬ óWô K°i iB M; `²B ¢B i?ŠM; p T?Q M? i` B ¢ M; ¢ÊBX
 " L;mv M iW i`QM; # T +?¢v` - tmwitQ +?"Q ¢!M +QM; €BX óG•m M?Q p"v ;B!K
 `²B` ¢•v- K +! M'm +? K" +QM i?Q +? ¢'v5ô
 ó.¢- +QM +! i ¢²`²B` M; v5ô *¬ KdK +Q!B pÈB K - `²B ;"i ¢-m +?"Q # X
 L;mv M • M i?2Q L;mv M æ¢B o„ p"Q T?ÁM; H"K pB + +O M?X Í i`QM; ¢QÊ+ F i?
 M!B T?ÁM; +O M? ?ÆB #W #°M- ¢ÊB M? /¼M / T tQM; `²B +¬ p"Q ¢!M; OX *¬ F
 #„i M? T?ªB M; ?2 i?2Q M?[M; ;b +¬ Km®MX *! H) K M; ÆM L;mv M • M ¢½ +Sm M
 M? KÈB M?Q!M; +¬X *?d +! ¢B m- M? i?„ + K„ + - ¢! H" i¢B b Q h`-M h¬M; H¢B ¢B
 +¬ ¢Q M? ` F?ÄB +?¶ i, K i®B FB ¢QÊ+ \ > B +•m ?ÄB HÈM +S Hm~M [m~M i`QM;
 F?¬M; ibK ?B m +•m i`ª H!B H" ;bXa m #[ i®B- #" L;mv M M;²B i`Á +?mv M pÈB
 M;²B # M +¢M? Hm¬M [m M b€i +¬- M? M?"M` +¬ ¢ M; +?S `i M?B m i•K bU i`Q
 +kM; M?"M` ¢B m ¢!X h®B ?¬K ¢!- #" M!B pÈB M?- ó*QM #û M! +! +?mv M ;bK"
 +ª #m´B K" M! F?¬M; M!BX >¬K M"Q +QM i?Y i•K bU ?ÄB ? M 2K M! t2K i? M"Q5ô
 M; O bÈK ¢B- +?mv M +O +¬ +S ¢ M? ?ÄB b mX
 æÊB #" L;mv M p T?ÁM;- M? KÈB ;ä +Y T?ÁM; L;mv M • MX J°i H9+ H•m b m- +
 óa Q p"v!ô *¬ ?ÄB- M9T KbM? b m +€M? +Y - # M i`QM; T?ÁM; H¢B F?¬M; # "i ¢ M
 ó1K M; O +?Q \ M? +! +?mv M Km®M M!B5ô L;mv M æ¢B o„ M?bM ¢dM? ¢-m +O +
 L;mv M • M ?û +Y ` ¢ M? i` B #QÊ+ p"QX E?B # "i ¢B M H M- M? i?'v ?®+ K„ i +
 MQÊ+ K! K!X
 ó1K pÈB h`-M h¬M; H" b Q!ô M? ?ÄB M; v F?B M;²B tm®M; +€B ;? i?'T +¢M? iO
 *¬ F?¬M; i`ª H!B- M^K i` M ;? [m v HQM; H¢B pÈB M?X
 óh¢B b Q M? i H¢B ¢B +MM; 2K!ô L;mv M æ¢B o„ +® ;B[#bM? ioM? ¢ F?¬M; ?ûi
 *m®B +MM;- b m K°i F?QªM; H†M; /"B- L;mv M • M +kM; H M iB M;X ó1K ¢ M; ? M
 hWM; +?[+O +¬ M?Q +S p"Q HÁM; M?X M? ¢'K K¢M? p"Q iQ!M; K°i +€B- KB
 T?ªB 2K +¬m tBM M? i i? +?Q M?!ô
 ó1K F?¬M; Km®M M!B p +?mv M M"v5ô *¬ Mû i`€M?- FûQ i'K +?, M KÄM; i`MK [m
 ó*S t2K M?Q H" 2K F?¬M; +¬m tBM M? i - i?b i¢B b Q H¢B ? M ?Á pÈB M? i \ æ" M
 M?QM; i¢B b Q H¢B H" M? i \ h¢B b Q!ô *•m ?ÄB +m®B +MM;- L;mv M æ¢B o„ M?
 M?"M +€B bU i?"i T?k T?"M; M"v ¢QÊ+X
 óæ¢B o„ ô *¬ ;¼B- +€M? K¬B ?ÆB `mM `~vX JB K„ i +¬ F?) +?ÈT K°i +€B `²B [m v H
 2K v m h`-M h¬M; K'i `²B5ô
 G!B i?9 M?"M +O L;mv M • M +"M; F?B M æ¢B o„ iS+ ;B" M ?ÆMX > B i v M? pÁH
 H¢B i`QÊ+ K†i +¬X *! K'v H¬M M? ¢SM; H¢B- +?d p"Q K†i +¬ M?QM; F?¬M; #B i
 ó1K i?U+ bU v m h`-M h¬M; `²B5ô L;mv M • M H†T H¢B +•m M!BX
 "v ;B!- L;mv M æ¢B o„ KÈB #bM? ioM? H¢B K°i +?9iX M? #QÊ+ H¢B M;²B +¢M?
 F?! +?"mX E?B M?bM i?'v h`-M h¬M; ¢B +MM; 2K ;€B- M? ¢½ HBM? +ªK +! +?mv
 M?'i ¢`M? ¢½ H"K +?mv M M;m M;®+ ;b ¢! `²B- p" +?mv M M;m M;®+ M?'i +?QM? H
 ó M? F?¬M; ¢`M? F +?mv M M"v +?Q 2K M; ?2- M?QM; M? M; ?o /M b Q 2K +kM; M
 M? ?„M; ;B¼M; - #„i ¢-m F X ó h`-M h¬M; p" M? H" #¢M ?¼+ æ¢B ?¼+ - i?•M M?
 + "m i i M * Q h? M? L?½- +! i? t2K H" i?"M? T?¬M Qm i9 +O F?Q X > B M;Q!B
 ¢ M M?" + "m i +?ÆB M?Q K¼B F?BX >¼ [m2M M? m ;¬M K°i M,K- * Q h? M? L?½
 +ªK pÈB M? ô
 ó M? +QÈT +¬ 'v F?ÄB h`-M h¬M;Xô L;mv M • M +?2M p"Q- +¬ M!B pÈB i¬M; ;B¼M
 M? i` BX

L;mv M æƒB o„ M;?2 tQM;- #”i+QÌB ? B iB M;X ó M? F?¬M; ? +QÈT B +ªX G” +
a m ?ÆM ? B i?€M; ç2Q #€K F?¬M; i?”M?- +¬ i #Ä çB MQÈ+ M;Q”BX h`-M h¬M; i
i?Q+? ô

ó ô

óæWM; [m HƒB pÈB +”m i M[X M? F?¬M; Km®M 2K +?”m i?B i i?ÁB ô

óL?QM; 2K HÐ v m M? ’v K’i`²B5ô L;mv M •M FûQ K M tm®M; F?ÄB K†i- ;BQÆM;

L;mv M æƒB o„ i?Î /”B- ó 2K v m +”m i - p”v +”m i +| v m 2K F?¬M;\ 1K F?¬M; M
2K pb Km®M i`ª i?M M? ”\ô

L;mv M •M H„+ ç-m- K¬B +¬ KQK HƒB `’i +?†iX

ó*?„+ 2K +ÁM M?È Hw /Q iƒB b Q M? p”Q iM h?U+ ` M? F?¬M; H”K ;b b B +ªX
+QM #û ? M M? Î [m€M # ` - #Ä i?m®+ p”Q ç² m®M; +O M? F?B M M? H”K +?mv
M?ƒi- M?È HƒB i?•M i? iQÆB KÆM KÎM +O i?B m M[KÈB HÈMX

ó M? M|B ;b\ M? #` æBM? >QÆM; +?m®+ i?m®+\ô \*¬ i`ÈM K„i M?bM M?- ç°i M;°

óæ9M; p”v5 a m K’v M;”v tûitY- M? #` çQ p”Q iM- +QM #û +| ç M i?,K M? M?QM
M| #m²M M M KÈB m®M; i?m®+ iU iY ô

L;mv M æƒB o„ F?¬M; +| H¶B- H” +¬ ;€B FB #šv M?X L m +?mv M ç9M; M?Q M?[
K” h`-M h¬M; H”K H” pb Km®M i`ª i?M M? i` B +¬\ L;mv M •M çÌ M;QÌB- +¬ +ªK M
M;QM; ç”T p”B ;B•vX óh?”i bU H” p”v b Q\ h`-M h¬M;- M? ’v ô *¬ M;? M S MÆB +’
F?| ç T?€i` X

ó*?mv M 2K v m B M? F?¬M; + M i?B T p”Q- M?QM; H” h`-M h¬M; i?b M? T?ªB
+”m ’v +?d Km®M i?„M;- F?¬M; Km®M i?m M? i?„M; +”m i K°i H-M- +”m i M?’i

ó h¢B b Q M? i H¢B ¢B +MM; 2K\ô L;mv M æ¢B o„ +® ;B[#bM? ioM? ¢ F?¬M; ?ûi

*m®B +MM;- b m K°i F?QªM; H†M; /¨B- L;mv M •M +kM; H M iB M;X ó1K ¢ M; ? M

hWM; +?[+O +¬ M?Q +S p¨Q HÁM; M?X M? ¢'K K¢M? p¨Q iQÌM; K°i +€B- KB
TªB 2K +¬m tBM M? i i? +?Q M? \ô

ó1K F?¬M; Km®M M¡B p +?mv M M¨v5ô *¬ Mû i`€M?- FûQ i'K +?,M KÄM; i`MK [m

ó*S t2K M?Q H¨ 2K F?¬M; +¬m tBM M? i - i?b i¢B b Q H¢B ? M ?Á pÈB M? i \ æ¨M
M?QM; i¢B b Q H¢B H¨ M? i \ h¢B b Q\ô *•m ?ÄB +m®B +MM;- L;mv M æ¢B o„ M
+?'T M?"M +€B bU i?"i T?k T?"M; M¨v ¢QÊ+X

óæ¢B o„ ô *¬ ;¼B- +€M? K¬B ?ÆB `mM `~vX JB K„i +¬ F?) +?ÈT K°i +€B `²B [m v H
2K v m h`¬M h¬M; K'i `²B5ô

GÌB i?9 M?"M +O L;mv M •M +¨M; F?B M æ¢B o„ iS+ ;B¨M ?ÆMX > B i v M? pÁ H
H¢B i`QÊ+ K†i +¬X *¡ K'v H¬M M? ¢SM; H¢B- +?d p¨Q K†i +¬ M?QM; F?¬M; #B i

ó1K i?U+ bU v m h`¬M h¬M; `²B5ô L;mv M •M H†T H¢B +•m M¡BX

"v ;Bì- L;mv M æ¢B o„ KÈB #bM? ioM? H¢B K°i +?9iX M? #QÊ+ H¢B M;²B +¢M?
F?¡ +?`mX E?B M?bM i?'v h`¬M h¬M; ¢B +MM; 2K ;€B- M? ¢½ HBM? +ªK +¡ +?mv
M?'i ¢`M? ¢½ H¨K +?mv M M;m M;®+ ;b ¢¡ `²B- p¨ +?mv M M;m M;®+ M?'i +?QM? H

ó M? F?¬M; ¢`M? F +?mv M M¨v +?Q 2K M;?2- M?QM; M? M;?o /M b Q 2K +kM; M
M? ?„M; ;B¼M;- #„i ¢¬m F X ó h`¬M h¬M; p¨ M? H¨ #¢M ?¼+ æ¢B ?¼+ - i?•M M?
+¨m i i M * Q h? M? L?½- +¡ i? t2K H¨ i?"M? T?¬M Qm i9 +O F?Q X > B M;QÌB
¢ M M?" +¨m i +?ÆB M?Q K¼B F?BX >¼ [m2M M? m ;¬M K°i M,K- * Q h? M? L?½
+ªK pÈB M? ô

ó M? +QÈT +¬ 'v F?ÄB h`¬M h¬M;Xô L;mv M •M +?2M p¨Q- +¬ M¡B pÈB i¬M; ;B¼M
M? i` BX

L;mv M æ¢B o„ M;?2 tQM;- #¨i +QÌB ? B iB M;X ó M? F?¬M; ? +QÈT B +ªX G¨ +
a m ?ÆM ? B i?€M; ¢2Q #€K F?¬M; i?"M?- +¬ i #Ä ¢B MQÊ+ M;Q¨BX h`¬M h¬M; H
i?Q+? ô

ó ô

óæWM; [m H¢B pÈB +¨m i M[X M? F?¬M; Km®M 2K +?`m i?B i i?ÁB ô

óL?QM; 2K HÐ v m M? 'v K'i`²B5ô L;mv M •M FûQ K M tm®M; F?ÄB K†i- ;BQÆM;

L;mv M æ¢B o„ i?Î /¨B- ó 2K v m +”m i - p”v +”m i +| v m 2K F?¬M; \ 1K F?¬M; M 2K pb Km®M i`ª i?M M? ``\ô

L;mv M •M H„+ ç-m- K¬B +¬ KQK H¢B ``i +?†iX

ó*?„+ 2K +ÁM M?È Hw /Q i¢B b Q M? p”Q iM h?U+ ` M? F?¬M; H”K ;b b B +ªX +QM #û ? M M? Î [m€M # ` - #Ä i?m®+ p”Q ç² m®M; +O M? F?B M M? H”K +?mv M?¢i- M?È H¢B i?•M i? iQÆB KÆM KÎM +O i?B m M[KÈB HÈMX

ó M? M‡B ;b\ M? #` æBM? >QÆM; +?m®+ i?m®+\ô \*¬ i`ÊM K„i M?bM M?- ç°i M;°

óæ9M; p”v5 a m K'v M;¨v tûitY- M? #` çQ p”Q iM- +QM #û +| ç M i?,K M? M?QM M‡ #m²M M M KÈB m®M; i?m®+ iU iY ô

L;mv M æ¢B o„ F?¬M; +| H¶B- H” +¬ ;€B FB #šv M?X L m +?mv M ç9M; M?Q M?[K” h`-M h¬M; H”K H” pb Km®M i`ª i?M M? i` B +¬\ L;mv M •M çì M;QìB- +¬ +ªK M M;QM; ç”T p”B ;B•vX óh?”i bU H” p”v b Q\ h`-M h¬M;- M? 'v ô *¬ M;? M S MÆB i?”i F?| ç T?€i` X

ó*?mv M 2K v m B M? F?¬M; + M i?B T p”Q- M?QM; H” h`-M h¬M; i?b M? T?ªB +”m 'v +?d Km®M i?„M;- F?¬M; Km®M i?m M? i?„M; +”m i K°i H-M- +”m i M?’i M? ç†i i v H M p B +¬- #‡T M? X ó M? +?d KQM; 2K ç†i i`€B iBK ç9M; +?¶X æ†i b +ÁM H¢B M?[M; K½M? pÐ i?¬B ô

L;mv M æ¢B o„ F m +¬ çB M;O bÈK- Km®M M;?o i?b M;¨v K B ?½v M;?o iB TX *¬ p çQ¢M ibM? +ªK ç-v iQ M iQM? ;B[h`-M h¬M; p” +¬ K” i?’v ç m HÁM;X

h`Q M;¨v ?¬K b m +¬ KÈB M;O /”vX oB + ç-m iB M +¬ H”K H” KÎ çB M i?Q¢B H M i?` iBM M?„M p” +ª +m°+ ;¼B M?Ð +O h`-M h¬M;X

M? M?„M M? Km®M ;†T +¬ K°i H€iX *¬ H¢B #-M i?-M K°i H9+- M;?o i? M”Q K” H

h`-M h¬M; M;?2 K€v b m #®M ?²B +?m¬M;X óL;mv M •M5ô L;?2 ;B¼M; M? +| p p

*¬ p¬ i?S+ +„M K¬B- #”M i v +m°M H¢B ``i +?†iX ó1K `9i H¢B HÌB ?S - 2K F?¬M; H

æ-m # M FB BK H†M; ``i H•m- +¬ M;?2 çQÊ+ iB M; i?Î M;„i [m½M; +O M?X

óGw /Q H" ;b\ô :B¼M; M? ç m ç m- +® FbK MûM +ÆM iS+ ;B"MX

ó1K F?¬M; i?QªB K€B- M? F?B M 2K F?¬M; i?Î M´B ô

ó pb L;mv M æ¢B o„ TªB F?¬M;\ô

*¬ F?¬M; i`ª HÌB- b m ;-M Kºi T?9i BK H†M;- M? H¢B H M iB M;X ó M? F?¬M; +?´

h`-M h¬M; /"T K€vX \*¬ i?Î /"B ? B H-M `²B KÈB #QÈ+ ` M;Q"BX

Í T?ÁM; F?€+?- L;mv M æ¢B o„ ç M; /†M /Á ¬M; #" L;mv M +€B ;b ç!- # M /QÈB +? HÈMX

ó" K çB ç•m p"v ¢\ô *¬ ?ÄB- Mªv H M # +Y b´ ;-M ç!- ? B +?•M çmM; çQ X

óæB /m H`+?X M? i` B +QM ç†i pû H9+ M"Q F?¬M; ? v- b€M; ` ç½ F m # K i?m / i` H¢B ?"M? Hw H-M M[X

óJ'v ?¬K i`QÈ+ K F?2M ?Q M? ç"Q ç T- ?¬K M v M? i` B +QM ç½ ç†i pû +?Q # K MÎX h®M FûK i? F?¬M; #B iXô L;?2 i?b +! p M?Q i`€+?- M?QM; ;QÆM; K†i #" L;

ó*QM ;¼B t2 `²B- # K tm®M; M? M? çBX E?B M"Q ç M MÆB ;¼B +?Q +QM #B i5 ?"M? Hw H M- çB ` KÎ +Y X

L;mv M •M H)Q ç)Q i?2Q b mX óL?È +?KT M?B m M?B m ?bM? ç2K p +?Q +QM t2

ó> B çS Î M?" +QB +~M i?"M- ,M m®M; ç-v çO ô "" L;mv M ç M; + #"B + +O #" K çBX

L;mv M æ¢B o„ iB M ? B ¬M; #" tm®M; /QÈB H-mX L;mv M •M ç!M; +Y [m v p"Q i #Ä p"Q #KM;X

>ÆM MY iB M; b m K" L;mv M æ¢B o„ pšM +?Q [m v H¢BX *¬ b®i `mºi +?¢v ` M H M;- M;QÌB i i" T i`mM; H¢B `i ç¬M;- - +! M;QÌB +ÁM ;¼B #ªQ p H MX

ó*?mv M ;b p"v +¬\ô L;mv M •M ?ÄB Kºi i?QK çSM; ;-MX

óæ€M? M? mX L?" ReR3 ç€M? pÈB M;QÌB i 5ô h?QK ç! M!B- +?d i v p +,M ?º T?Q

L;mv M •M F?¬M; +| 'M iQÊM; pÈB +QM b® FB - M?QM; F?B [m v H¢B M?bM- +¬ K
M?" L;mv M æ¢B o„X

*¬ ç~v ç€K ç¬M; iªM ` ç +?mB p"QX æ¢B o„ ç M; #` M;QìB i i9K +´ €Q K" ç€M?
M;QìB ç" M ¬M; FB ` - çÐ M? i` B #` ç€M? ç M bQM; K„i çSM; +?Q p[M;X

Zm v H¢B M?bM M;QìB ç" M ¬M; FB - ;QÆM; K†i M? i +kM; #` #-K iQK p" B +?¶-
M;QìB ç| H" BX

j9X *?QÆM; kR, E?QªM; *€+? :B[*?9M; h

*m°+ ç¬B +Q ;B[? B +?"M; i` B F i i?9+- K¼B M;QìB iªM çB ;¬M ? iX h` M ?"M? H
/B M pÈB M? mX

L;mv M •M çSM; ;B[- F?¬M; #B i M M H"Ki? M"QX J°i# M H" M;QìB i?•M- K°i#
? B ç m #` i?QÆM;- /QìM; M?Q ?¼ F?¬M; M M M; B- F?¬M; B +?"m M?QìM; B k
H M M?Q p"vX

ó*"m p çB5 a m M"v çWM; ibK L;mv M •M M[- K¼B i`€+? M?B K +S iQM? H M ç-
L;mv M æ¢B o„ M|B- M? FûQ L;mv M •M çB M; M; [m h`¬M h¬M;X

hBK +¬ ç" T `i M? M?- #-m F?¬M; F?Q M?Q #` M? ?9i+¢M F?B M +¬ F?¬M; i?Î M
æ°i M?B M +€M? i v +¬ #`;B[ H¢B- h`¬M h¬M; M„K +?†i +´ i v +¬X

óh`¬M h¬M; ô \*¬ ;¼B- ;B¼M; `i F?)- KÆ ?² M?Q +| M?Q F?¬M;X

L;mv M æ¢B o„ çSM; H¢B- M? i?ª i v L;mv M •M- çB iÈB ç~v h`¬M h¬M; ` X

óh¬B M|B +°m +S FB K +?mv M pÈB i¬B- ç +QM #û v M5ô

óL;mv M •M ô h`¬M h¬M; T?Èi H| +•m M|B +O æ¢B o„- ? B K„i M? /€M +?†i H M M

*¬ +„M K¬B- iW iW M;QÈ+ K†i H M M?bM M?- F?¬M; Mû i`€M? M[X óæ¢B o„- 2K M
M? çWM; çB i?2QXô

ó1K F?¬M; +-M T?ªB +?"m çUM; pb M?X G¶B +O M?- M? b) +?"mX >B m F?¬M;
HB + h`¬M h¬M; K°i +€BX

*¬ ;"i ç-m- b m ç| çB p T?Q +-m i? M; #°X æ•v H" ;|+ Qi M;QìB ç M M?"i- ?-m ?
M M i? M; #° i`Î i?"M? MÆB #` #Ä ?Q M;- H" i?€M? ç` +O +€+ +†T ç¬B v m M? m

.U HQM; p"Q iQìM;- +¬ +9B ç-m M?bM M?[M; M;|M +?•M HÁB ` M;Q" B ç¬B /ûT #¬
i? K- çQ i v H M +?MB F?|2 K¬B +?ªv K€mX

L|B i?"i- L;mv M •M ?ÆB t|iX :QÆM; K†i çB M i` B +O M? #` ç€M? ç M i? i?ªK-
M?Q p"v b Q F?¬M; t|i +?Q çQÊ+X

*¬ F?¬M; FB K HÁM; M´B- ?ÄB /Á M?X óæ m H„K F?¬M;|ô

h`¬M h`bM? /m¶B i v- FûQ +¬ M;²B tm®M; +¢M? KbM?X ó*| K°i +?¶ +ÁM ç m ?ÆM

"®M K„i M?bM M? m- K†i M? +°M; M;"v +°M; b€i H¢B ;¬M K†i +¬X æ M F?B KkB
KÈB [m v ç-m i`€M? MûX

*¬ +® iÄ ` K¢M? K)- M?QM; ;B¼M; M|B H¢B ç-v bU imv i p¼M;X óæWM; ibK 2K M
pÈB M? m5 J®B ?"M +O K´v M;QìB- çWM; H¬B 2K p"QXô

ó M? F?¬M; ç M pb L;mv M æƒB o„- M? ç M H" pb 2K ô
 L;mv M •M +Q`B M?"M M?ƒi- +¬ çSM; /"v- ;B[F?QªM; +€+? pÈB M?X ó M? p çB
 i? i?S +?Q M? i` B 2K- 2K +kM; F?¬M; i? i? i?S +?Q M?Xô
 a m +•m M|B ç| - L;mv M •M #Ä çB- h`-M h¬M; F?¬M; çm´B i?2QX
 o`Q i`QM; M?"- L;mv M •M ?Qi K°i ?ÆB i?"i b•m- H´v HƒB M?`T i?Î #bM? i?Q`M;X
 çB M i?QƒB ;¼B +?Q /b S?QÆM;X
 "Ä [m K´v +•m +?"Q ?ÄB i?2Q i?¬M; H - +¬ i`U+ iB T çB p`Q p´M ç +?QM?X ó.b S
 +| ç€M? M? m pÈB M;Q`B i - T?B M /b #¬B i?m®+ +?Q M? ´v ;B9T +QM M?û5ô
 .b S?QÆM; H•m M;´v F?¬M; M|B +?mv M pÈB L;mv M •M- i" M ibM? ?ÄB i?,K bS+
 F m +¬ M? M? [m v i`Î p X \*¬ p•M; p•M; /ƒ /ƒ `²B +9T K€vX
 h`-M h¬M; +?€M MªM H€B t2 iÈB [m€M # ` i?Q`M; ;?û- m®M; `´i M?B m `QÊmX h`
 +?Q L;mv M •M K´v H-MX *m®B +MM; +¬ +kM; +?`m M?"M +m°+ ;¼BX
 óL;mv M •M- M? i?m `²B ô M? M|B #^M; ;B¼M; ? i bS+ ç m F?´- `QÊm p`Q +?d F
 ó M? çWM; M?Q p"vX "•v ;Bì * Q h? M? L?½ [m v p `²B- M? pÈB +¬ ´v i`Î HƒB M
 H„K b Q\ô h? M? •K K €B T?€i` - +?ƒv HQÊi F?„T +Æ i? M?- H2M HÄB p`Q iWM
 Gv `QÊm ç„M; +?€i i` M i v- M? M®+ K°i ?ÆB ? i +ƒM- +Q`B F?´ p`B iB M;X ó M
 •M- M? +¬M 2KX M? +¬M 2K- 2K ?B m F?¬M;ô h`-M h¬M; ?ûi p`Q çB M i?QƒB-
 F?ÄB F?|2 K„i M?X
 " M FB BK H†M; `´i H•m- M? +?d +| i? M;?2 i?´v iB M; i?Î M†M; M?¼+ +O +¬X
 ó M? F?¬M; M?"M ` `^M; KbM? b B `²B b Q\ L;Q`B T?ªM #°B M? H" * Q h? M?
 M;Q`B #` ?ƒBX M? F?¬M; +?Q M? ´v +Æ ?°B ;BªB i?Q+?- +ÁM #„i 2K ô *¬ /WM;
 i?"M? ç² +?ÆB +O M?X 1K ?"M M?- ?"M M? bm®i T?¬M ç`B +ÁM HƒB +O 2K ô
 M? H„M; M;?2 iWM; H`B i`€+? K„M; +O +¬- iWM; +?[M?Q +„i p`Q HÁM; M?X ó
 i?S +?Q M? F?¬M;ô E?|2 K¬B M? p)` K°i MK +Q`B MY p`B- #`M i v ;B[çB M i?
 L;?2 i?´v +•m i`ª H`B ó+|ô ç-v /Si F?Q€i +O +¬- M? F?¬M; Hmv M iB +i? K ;b M
 a€M; M;´v KQ`B K°i i?€M; +?QM- /b S?QÆM; ;¼B +?Q L;mv M •M- #€Q `^M; h`-M
 i`ƒM; `´i M;mv F`+?X
 h`Q ?¬K ç| - L;mv M æƒB o„ +?Î +¬ ç M # M? pB M [m®+ i M^K Î i`mM; i•K i?"M?
 h`-M h¬M; pW çQÊ+ çQ p`Q T?ÁM; +?,K b|+ ç†+ #B i- #€+ bo F?¬M; +?Q B p`Q
 æSM; i`QÊ+ ¬ +Y b´ T?ÁM; # M?- M?bM ;QÆM; K†i iB m iKv M?Êi M?ƒi ç-v i?QÆM
 •M #´i F?|+ MS+ MÎX
 *¬ +?ƒK i v p`Q i´K FQM? /"v- KB M; H~K #~KX óæWM; +? i- h`-M h¬M;X M? T?ªB
 +O KbM? +?SX M? T?ªB b®M; ç ?"M 2K M[+?S æWM; +? i K"- tBM M? ô
 *?•M +¬ çSM; F?¬M; p[M; - /-M /-M F?m}m tm®M;X L;mv M æƒB o„ çQ i v çÐ H´v
 b QX
 J°i H9+ b m- +¬ i?¬B F?¬M; F?|+ M[- +kM; H" H9+ æBM? >QÆM; tm´i ?B MX
 *¬ ;€B pÈB ;QÆM; K†i ?®i ?QªM; +?ƒv ç M MQm i v /b S?QÆM;X ó M? +QM i? M"
 .b S?QÆM; iQ`M; i?m"i HƒB H`B +O #€+ bo +?Q æBM? >QÆM; M;?2- +¬ #û pW M
 L;mv M •M p" L;mv M æƒB o„ Î b m HQM; - +¬ #û KÈB i?¬B bKi bMBX
 ó M? æƒB o„ ô æBM? >QÆM; M?bM M? `²B HB + M?bM +¬ ;€B # M +ƒM? M?X ó*
 ó1K ;€B i¬B5ô L;mv M æƒB o„ M?Qm K´v- +| p M?Q M? F?¬M; i?Q+? æBM? >QÆ

a€M; M v- F?B L;mv M •M #€Q h`-M h¬M; #` i B M¢M- M? ç½ i?Q€M; pmB KWM;X
M;®+ pb ibM? K` ç m F?´ +O KbM? i?b HÁM; M? +?MM; tm®M;X L;mv M •M F?¬M
h¬M;- +?d /U p`Q €M? K„i p¬ ?²M F?B im¬M` iBM iS+ ç!- M? ç½ #B i +¬ Km®M;
M`QX

L?bM h`-M h¬M; M^K i?QB i?¡T # M +¢M? K'v +€B K€v H¢M? H)Q- M? F?¬M; +ÁM
M m 2K;€B KbM? ç½ i?Q+? +`m i ç M p`v i?b +kM; F?¬M; M M +'K +ªM M¡ M[X ó
bU M;?B K i9+ pÈB L;mv M •MX

L;`v ?¬K [m - M? p¬ ibM? ;†T h`-M h¬M; Î i-M; M?` KbM?X G9+ ç! M? i ç M; ?Á
M?` M? Î ç•mX E?QªM? F?„+ h`-M h¬M; M?bM i?'v M?- M? ç½ +?¢v ç M i9K +´ €
M;QÌB ç€M? [m ç€M? H¢BX " M ç-m h`-M h¬M; F?¬M; T?ªM F?€M;- M?QM; b m F
M? i ç½ ç€M? H¢B M?- +ÁM M¡B #•v;BÌ M? i `i i?"i HÁM; pÈB +¬X

L;mv M æ¢B o„ M?bM L;mv M •M çB [m çB H¢B i`QÈ+ +Y b´ T?ÁM; +?,K b!+ ç†+ #
>QÆM;X ó" +`m 'v ç`M? çQ h`-M h¬M; ` MQÈ+ M;Q`B i?"i `ô

óo•M;X 1K M;?2 /b S?QÆM; M¡B p`v ô *¬ M;²B F?ûT MûT # M +¢M? æ¢B o„- H•m H
ó M? æ¢B o„- 2K tBM H¶B ô

M? i?Î /`B- /U HQM; p`Q ;? X ó"Ä çB- b m M`v çWM; H`K K'v +?mv M M?Q p`v M[
æBM? >QÆM; F?¬M; i`ª HÌB- ç-m +9B i?'T ?ÆM- ;B¼M; `i M?ÄX óæ€T H¢B ibM?
J†+ /M +¬ M¡B `i M?Ä M?QM; M? pšM M;?2 çQÈ+X ó"•v;BÌ F?¬M; i?Q+? ?ÊT ç
"¶M; æBM? >QÆM; ;`Q H MX ó"•v;BÌ F?¬M; i?Q+? ?ÊT i?b F?B M`Q KÈB i?Q+? ?
2K ç•mX 1K +?d Km®M çQÈ+ M? [m M i•K i?b +! ;b b B\ 1K ç½ ô

"` L;mv M æ¢B o„ M?bM +?^K +?^K- +¬ F?¬M; i? M¡B i? K çQÈ+ M[- ;B¼M; +kM;
L;mv M •M M?bM +¬ ;€B #û M?Ä # M +¢M? M? i` B- /b S?QÆM; ç M; [m Î i`€+? +O
pB M- H¢B +ÁM M; v i`QÈ+ T?ÁM; # M? +O M? i` BX æBM? >QÆM; tK K†i tm®M
*¬ H„+ ç-m M?bM M? i` B- iÄ i?€B ç° F?¬M; ç²M; ibM?- Km®M M? M?QÌM; M?`M
hW T?Q +€M? +Y M†M; M - K°i p` #€+ bo çB ` - i?m ?9i bU +?9 w +O K¼B M;QÌ
H M p`B #QÈ+X

«M; i i?¬M; #€Q ibM? i`¢M; ?B M;BÌ +O h`-M h¬M;- M¡B `M; M? +! F?®B K€m
b€i +ÁM t€+ M?"M H` M? +® ibM? ç•K p`Q +°i çB M- #` p,M; ` +€+? t2 i€K KûiX >
K°i Fb iQ+?X

*¬ M?bM M? M^K i` M ;BQÌM; # M?- b!M; KkB + v + vX E m M? +? i M? HB M +?
F?¬M; \L?[M; M;`v b m ç!- ibM? i`¢M; +O M? +! çÐ ?ÆM M?QM; pšM i`QM; i`¢M; i
KQÌB- M? çQÈ+ +?mv M [m T?ÁM; ?²B bS+ +´T +Sm- M;QÌB i?•M +! i? p`Q i?,KX
K¶B;B•v i`¬B [m H` K°i M?€i / Q ç•K p`Q HÁM; M;U+ +¬X *¬ +S HŠM; H†M; M;²B
i?d p`Q i B M? M?[M; HÌB +¬ Km®M M¡B- M?[M; T?9i ;B•v ?¢M? T?9+ +O ?¼X

æBM? >QÆM; F?¬M; ?ÄB K®B [m M ? ;B[? B M;QÌB H` i? M`Q- +¬ +?d H†M; H
+¬ ?ÄB /b S?QÆM;- /b M¡B ? B M;QÌB ?¼ i?U+ bU H` i`ÌB bBM? K°i ç¬BX

*¬ i?-K ç€M? ;B€ L;mv M •M- `²B H¢B iOB i?•M F?B KbM? F?¬M; +?B K çQÈ+ i`
L;mv M •M +?B K H'v h`-M h¬M;X \*S +?Q `M; /MM; +Æ i? b) F?B M M? ç w ç M
b B ?Q`M iQ`MX *¬ M?"M` çB m ç! F?B i?'v €M? K„i L;mv M •M /`M? +?Q h`-M h
M;®+ K` M? i` B +¬ ç½ H`K ç ;B[ +¬ ;€B M`v # M +¢M? KbM?X

æ M M;`v i?S ? B KQÆB H,KX E?B +¬ M^K i` M ;BQÌM; pÈB i`€B iBK pÐ pKM- F?
pB + h`-M h¬M; b) idM? H¢BX h?b L;mv M æ¢B o„ ;¼B çB M +?Q +¬- #€Q h`-M h¬
h`QM; €M? M„M; p`M; 'K €T- L;mv M •M +?¢v p°B p`Q # M? pB MX "QÈ+ +?•M +¬ i
ç M T?ÁM; # M?X *¬ ç~v +Y p`Q i`QM;- +,M T?ÁM; +?S `i M?B m M;QÌB- +! M;
L?QM; i`QM; K„i +¬ H9+ M`v +?d +! +?`M; i` B M;²B i` M ;BQÌM; # M?X

h`-M h¬M; çQ K„i M?bM L;mv M•M- M? çQ ? B i v p T?Q +¬- K†i K m K€QX M
 i` çÁB K X
 "-m F?¬M; F?Q i`QM; T?ÁM; i`Î M M M†M; M X *¬ ?ÄB i¢B b QX æBM? >QÆM; M|
 `²B- #•v ;BÌ +?ŠM; F?€+ M"Q çS i` iQ t€+X
 M? pšM ç M; K m K€Q çÁB +¬- i?"K +?Q pMM; p^M; ç¢T K M `Èi tm®M; ç'iX
 J¶B #QÈ+ iB M ; -M H¢B h`-M h¬M; - +¬ + "M; #'i MX o" ?ÆB bÊX
 *€M? i v M? pÁM; +?†i H'v i?"i HQM; +¬- F?|+ H|+ MS+ MÎX L;mv M•M ¬K H'v ç-
 KbM?- F?¬M; /€K iBM M; QÌB ç" M ¬M; H¢M? M?¢i FB H¢B #B M i?"M? M?Q p"vX
 æQÊ+ +¬ /¶ /"M?- h`-M h¬M; ç M; M; O M; QM H" M? i` M ;BQÌM;X Í# M M;Q" B T?Á
 ¬M; h`-M- ç M; ?` çQ h`-M h¬M; b M; MQÈ+ M;Q" B +?[ i`X
 ó F?¬M; ´M ç•mX " +kM; i?'v +?d +| +¬ ;€B M"v KÈB F?B M M| #bM? ioM?X "•v; B
 çB M Hm¬M ç'v5ô M? i` B +O h`-M h¬M; - h`-M h`¢+?- H M iB M;X
 óS?ªB `²BX *?€m i?'v ç M? 'v Î H¢B ç•v pšM i®i ?ÆM5ô æBM? >QÆM; ;"i ;M- ç²M
 óæB m FB M Î ç•v F?¬M; i®iX oÈB H¢B- F?¬M; i? M? ì pª M;QÌB i M?Q p"v çQÊ+
 T?Q L;mv M•MX
 ¬ ?Qi K°i ?ÆB b•m- M;QÈ+ H M M?bM ¬M; h`-MX ó?€m b) +?,K b|+ M? 'v ô
 L;QÌB M?" h`-M h¬M; +| p F?¬M; M;¢+ M?B M- +| i? ?¼ +?Q `^M; +?d H" w FB M
 L;mv M æ¢B o„ # "i /"v F?ÄB ;? - +?d p"Q K†i 2K ;€B- M|BX ó1K çB M "\ 1K +| `½M
 i°B ibM? ;b K" H¢B çB +?,K b|+ + "m i \ 1K ç9M; H" çB M i?"i `²B5ô
 «M; h`-M p¶ p B æ¢B o„ i`'M M- F m M? #bM? ioM?X ó*"m #bM? ioM? ç½- i¬B +k
 i?B i ç•mX *ÁM +¬ ;€B ô «M; i çSM; i`QÈ+ K†i L;mv M•MX ó +QM +S bmv M;?o+
 h`-M h¬M; - ç| H" çB m i?B i i?ÁB +?Q +QMX *QM F?¬M; Î +¢M? M|- i +kM; ?B m
 L;mv M æ¢B o„ ç`M? H"K -K H M H-M M[ i?b #`L;mv M•M FûQ çBX æ M K°i ;|+ t
 # H-M `²B KÈB KÎ HÌBX ó1K Km®M +?,K b|+ M? 'v bm®i T?-M çÌB +ÁM H¢B- /M
 pšM Km®M # M +¢M? M? 'v ô
 óL?QM; i¢B b Q\ M? ç½ M|B +?9M; i F?¬M; K„+ MÊ + "m i - pB + ;b ô M? bB i +
 F?¬M; #B i ;BªB iÄ Î ç•mX
 óæ¢B o„- 2K MÊ M? 'v5ô :B¼M; +¬ ç m ç m- €M? K„i FB M ç`M?X ó h®B ?¬K i`QÈ
 'v ;¼B çB M +?Q 2K- ô *´ ?¼M; +¬ M;? M H¢B- MQÈ+ K„i /•M; ç-v i`QM; ?®+ K„iX
 'v +? i 2K b) i? i?S +?Q M? 'v F?¬M; o" 2K i`ª HÌB H" TªBX 1K M?Q p"v i?b +
 F?¬M; ô *¬ pÐ Á - MQÈ+ K„i çm M? m H,M /"B i` M ;QÆM; K†i ? Q ;¬v +O +¬X
 L;mv M æ¢B o„ H†M; M;QÌB F?B M;?2 +¬ M|BX M? +?Q iWM; v m B b•m ç"K ç M
 çQÈ+ +ªK ;B€+ +O +¬ H9+ M"vX
 M? M;²B # M +¢M? +¬- ç +¬ F?|+ i` M p B M?- HŠM; H†M; M;?2 iB M; MQÈ+ K„i
 p"v- i?b +S H"K çBX *| 'K S+ ;b +kM; TªB M|B pÈB M?X LQM çB5ô
 *¬ ;"i ç-m- H'v €Q M? H m MQÈ+ K„iX ó1K tBM H¶BX æ M? +?,K b|+ # K K°i K
 ó M? Mm¬B # K i?b b m M"v i`B bªM +O # K +?Q M? ? i- +| ;b K" TªB tBM H¶
 b¢+? MQÈ+ K„i ;B9T +¬X
 h`-M h`¢+? K M; +?€Q Î M?" M'm H M +?Q h`-M h¬M;X L;mv M•M +~M i?"M ç9i -
 J¼B bBM? ?Q¢i +O M? ç m H" K°i i v +¬ HQ ? iX M? F?¬M; M|B çQÊ+ - +?d "K U
 "€+ bo M|B #•v ;BÌ M? TªB i"TH¢B iW ç-m- iW ,M m®M; +?Q ç M M|B M,M;X *S M
 M[X

*| K°i çB m `i i?9 p`- ç| H" K¶B H-M L;mv M •M +Y ç°M; ? v H"K #'i +S i?S ;b h`-
`²B +Q`B ?çM? T?9+X

«M; h`-M M|B M;`v K B ?¼ T?ªB H M K€v # v- M?^K i`€M? bU #`M i€M +O ç€K ç-M
çQÊ+ ;B Q +?Q h`-M h`ç+? ;BªB [mv iX

h?2Q H`B +O L;mv M æçB o,- ?²B ?¼+ æçB ?¼+ h`-M h-M; M|B M? Km®M b®M; i
i?Q`M; ç¼+ +m®M óhQiiQ@+? M # M +Y b´ô- M? Km®M çQÊ+ ç M L?"i ç +ªK M?
b€+? M?„+ iÊBX h? H" ?¼ ç M L?"iX «M; h`-M F?¬M; TªM ç®B- +?d v m +¬m +¬
«M; i F?¬M; Km®M h`-M h-M; i?B m i?®M i?S ;b- +kM; M?Q F?¬M; Km®M +¬ Tªª

h`QÊ+ F?B çB- L;mv M •M F?¬M; +| +Æ ?°B ;†T ¬M; #` L;mv M- pb ?¼ çB /m H`+?
#€Q `^M; +¬ TªªB çB +¬M; i€+ îMQÊ+ M;Q`BX «M; #` F?¬M; ?ÄB M?B m /Q çQ`M;
+•m `²B M;„i K€vX

í i` M K€v # v- h`-M h-M; `i M;Q MX M? i?Q+? i?9 pÊB +QM J bmTBH KB #^M;
F?¬M; #m¬M;X oW ç†i +?•M tm®M; K€v # v- +¬ ç½ çQÊ+ K°i +?`M; i` B M;Q`B L?
ç M ;†T #€+ bo çB m i`` +?Q h`-M h-M;X

hB M; L?"i H" M;QçB M;[i?S ? B K" +¬ #m°+ TªªB ?¼+ F?B ?¼+ æçB ?¼+ - M?ì ç|
K'v +•m i?Q`M; M;`v pÊB K¼B M;Q`BX M? +?`M; H€B t2 @ um2 @ #'i M;ì pb +¬ M|
i`Á +?mv M [m HçB i?b h`-M h-M; #¶M; T?€i +€mX

M? FûQ €Q +¬- ?`M; H¬M; K`v M?Qm p`Q M?m- T?€i ` K'v +?[F?¬M; iä ``M;X ó.

*¬ ?ÄB Hw /Q içB b Q- M? +`M; #U+ #°B ?ÆM- MûK +QM J bmTBH KB ç"Tp`Q ;?

"i M;ì i`QÊ+ ?`M? ç°M; t'+ tQÊ+ +O M?- +¬ +?d #B iBK H†M; M?†i +QM J bmT
[m v K†i M?bM ` # M M;Q`BX *¬ F?¬M; #B i`^M; K¼B +?mv M b m M`v +ÁM F?| F

*| M?B m H-M h`-M h-M; i`®M çB- +¬ TªªB +?çv F?„T MÆB FB K M?- ç M M¶B
ibK M?X *m®B +MM; p M?` HçB i?'v M? M;²B i`QÊ+ +Y çÊBX

*| M?B m H-M h`-M h-M; ?'i ç´ +ª i¬ + M? M|M; ?´B p`Q M;Q`B +¬- K" +¬ F?¬M; K
*?d HŠM; H†M; çB i? v ç² `²B #¬B i?m®+ +?®M; #ÄM;X

*| M?B m H-M F?B i„K +?Q h`-M h-M;- M? F?¬M; #B i bS+ ç`M ¬M; +O KbM? KçM
tm®M; #²M MQÊ+X

*| M?B m H-M +¬ +çQ `•m ;B9T M?- p¬ ibM? +„i K°i p i tQÊ+ p`Q / - M? +€m Fd
çQ`M; /`B i` M +€M? i v +¬X

*| M?B m H-M +¬ #` p'T iû pb K'v K`m H2;Q h`-M h-M; +?ÆB tQM; F?¬M; +'i ;¼M

*| M?B m H-M +¬ çQ M? çB /çQX M? Km®M p`Q F?m i`Á +?ÆB +O i` 2K K" +¬
+¬ M;½X h v +?•M +¬ +| `i M?B m p i i?QÆM;X

J¼B +?mv M +¬ ç m M?šM M?`MX L?QM; M¶B 'K S+ /²M MûM H•m M;`v M?'i ç`M?
M°X

æ| H" K°i #m´B +?B m- imv i`ÆB + Q ;¬M K°i Kûi M M um2 F?¬M; i? K M; TBxx
i?b +S M^M; M†+ çÁB ,M TBxx X *¬ /¶ /`M? M?- #ªQ `^M; imv i M?B m [m€- F?¬M
M? F?¬M; +?`m- H ?ûi QK bÁK çÁB +¬ /šM çB ,MX

" Q #m²M T?B M K iKÄB iQ+? iK +ª i?€M; M v- +m®B +MM; +¬ F?¬M; +?`m çUM; i
L;mv M •M M;²B T?`+? tm®M; ;? b¬ T? - +¬ ¬K K†i K" F?|+X óa Q M? +S M?Q p'
K i KÄB i? M`Q F?¬M;\ 1K pšM ¬K ?B p¼M; M? b) ? i # M?X L;`v M`Q M? +kM;
+?'T M?"M ? iX o`v K" b Q M? F?¬M; M;?2 H`B 2K\ 1K i?U+ bU K i KÄB H„K `²B

h`-M h-M; i?'v +¬ F?|+¬ M? iW iW M;²B tm®M; /QÊB +?•M +¬- #`v ` p K†i ç€M; i

óJ ô M? ;¼B- ç†i i v H M ç-m ;®B +¬X

L;mv M•M pšM +?Q ? i iS+ ;B"MX *¬ H'v +€B pQ M?Ä K"m t€K` - MûK +?Q M?X
H"K çBX æWM; H"K T?B M 2K ô

hB M; ;¼B óK ô H¢B T?€i` K°i H-M M[ X h`-M h¬M; ;K+ ç-m H M çMB +¬- +ªK i?
ç°M; M;•v /¢B ç! +O M?- L;mv M•M +¨M; #U+ #°B ?ÆMX *¬ /MM; bS+ ç~v M?`
p"Q T?ÁM;- F?| +?†i +Y H¢B`²B ¬K ;@B M;²B F?|+X

hB M; ç" T +Y +MM; iB M; F?|+ H!+ i?ªK i?QÆM; iW # M M;Q" B i`mv M ç M- +¬ K
M?- +S M;²B Hb i`QM; T?ÁM;X

óJ - +QM b B`²B- +QM F?¬M; çÁB TBxx M[ç•mX *QM +?d Km®M K i?¬B5 *QM
F?|+ +O M? F?B M KbM? +¬ /`m tm®M;X

*¬ +?Q`^M; KbM? b) # M +¢M? p" +?,K b!+ M? +ª ç!B- M?QM; F?B M?bM i?'v p" B
H¢B i?'v iOB i?•M p¬ +MM;X *! p" B H-M +¬ M;?o ç M +?mv M K M; i`ª M? H¢B +?
bU imv i p¼M; pÈB ibM? i`¢M; +O M?X *S M;•v /¢B bm®i +ª ç!B M?Q p"v- HB m
ç€M? #¢B M¶B v m çm®B FB F?¬M;\

*€M? +Y KÎ` - L;mv M•M #QÈ+` M;Q" B pÈB F?m¬M K†i H¢M? i M?- +ÁM h`-M
K„iX

ó*QM Km®M K i?¬B5ô h`-M h¬M; pÁM; i v i`QÈ+ M;U+- ç-m +9B tm®M;X M? H
ç M; MB K +?9X

L;mv M•M ¬K M?- p¶M? p"Q p B M? pb i?'v +! H¶B F?B ç M? F?|+ i? i?ªK M?

hW ç! p b m- M? F?¬M; +ÁM çÁB +¬ #'i +S i?S ;b- F?B i?Q+? K!M ç² M"Q ç!- M
`²B +?! ç M H9+ çQÈ+ M!B +?mv M pÈB ¬M; h`-M F m ¬M; Km +?Q M? K!M ç² M
hB M +kM; iW ç! K" `X

j8X *?QÆM; kR, E?QªM; *€+? :B[*?9M; h

*m°+ ç¬B +Q ;B[? B +?¨M; i` B F i i?9+- K¼B M;Q!B iªM çB ;¬M ? iX h` M ?¨M? H
/B M pÈB M? mX

L;mv M•M çSM; ;B[- F?¬M; #B i M M H"K i? M"QX J°i # M H" M;Q!B i?•M- K°i #
? B ç m #` i?QÆM;- /Q!M; M?Q ?¼ F?¬M; M M M; B- F?¬M; B +?`m M?Q!M; B k
H M M?Q p"vX

ó*"m p çB5 a m M"v çWM; ibK L;mv M•M M[- K¼B i`€+? M?B K +S iQM? H M ç-
L;mv M æ¢B o„ M!B- M? FûQ L;mv M•M çB M; M; [m h`-M h¬M;X

hBK +¬ ç" T`'i M? M?- #-m F?¬M; F?Q M?Q #` M? ?9i +¢M F?B M +¬ F?¬M; i?Î M

æ°i M?B M +€M? i v +¬ #` ;B[ H¢B- h`-M h¬M; M„K +?†i +´ i v +¬X

óh`-M h¬M; ô *¬ ;¼B- ;B¼M; ``i F?)- KÆ ?² M?Q +! M?Q F?¬M;X

L;mv M æϕB o„ çSM; HϕB- M? i?ª i v L;mv M •M- çB iÈB ç~v h`-M h¬M; ` X

óh¬B M|B +”m +S FB K +?mv M pÈB i¬B- ç +QM #û v M5ô

óL;mv M •M ô h`-M h¬M; T?Èi Hì +•m M|B +O æϕB o„- ? B K„i M? /€M +?†i H M M

*¬ +„M K¬B- iW iW M;QÈ+ K†i H M M?bM M?- F?¬M; Mû i`€M? M[X óæϕB o„- 2K
H€i- M? çWM; çB i?2QXô

ó1K F?¬M; +-M T?ªB +?`m çUM; pb M?X G¶B +O M?- M? b) +?`mX >B m F?¬M;
HB + h`-M h¬M; K°i +€BX

*¬ ;”i ç-m- b m ç| çB p T?Q +-m i? M; #°X æ•v H” ;|+ Qi M;QìB ç M M?’i- ?-m ?
M M i? M; #° i`î i?“M? MÆB #` #Ä ?Q M;- H” i?€M? ç` +O +€+ +†T ç¬B v m M? m

.U HQM; p”Q iQìM;- +- +9B ç-m M?bM M?[M; M;|M +?•M HÁB ` M;Q”B ç¬B /ûT
#”+ i? K- çQ i v H M +?MB F?|2 K¬B +?ªv K€mX

L|B i?“i- L;mv M •M ?ÆB t|iX :QÆM; K†i çB M i` B +O M? #` ç€M? ç M i? i?ªK-
M?Q p”v b Q F?¬M; t|i +?Q çQÈ+X

*¬ F?¬M; FB K HÁM; M´B- ?ÄB /Á M?X óæ m H„K F?¬M; \ô

h`-M h`bM? /m¶B i v- FûQ +- M;²B tm®M; +ϕM? KbM?X ó*| K°i +?¶ +ÁM ç m ?ÆM

"®M K„i M?bM M? m- K†i M? +”M; M;”v +”M; b€i HϕB ;¬M K†i +-X æ M F?B KkB
KÈB [m v ç-m i`€M? MûX

*¬ +® iÄ ` KϕM? K)- M?QM; ;B¼M; M|B HϕB ç-v bU imv i p¼M;X óæWM; ibK 2K M
pÈB M? m5 J®B ?”M +O K’v M;QìB- çWM; H¬B 2K p”QXô

ó M? F?¬M; ç M pb L;mv M æϕB o„- M? ç M H” pb 2K ô

L;mv M •M +QìB M?“M M?ϕi- +- çSM; /”v- ;B[F?QªM; +€+? pÈB M?X ó M? p çB
i? i?S +?Q M? i` B 2K- 2K +kM; F?¬M; i? i? i?S +?Q M?Xô

a m +•m M|B ç| - L;mv M •M #Ä çB- h`-M h¬M; F?¬M; çm´B i?2QX

o”Q i`QM; M?“- L;mv M •M ?Qi K°i ?ÆB i?“i b•m- H’v HϕB M?“T i?î #bM? i?QìM;X

çB M i?QϕB ;¼B +?Q /b S?QÆM;X

"Ä [m K'v +•m +?"Q ?ÄB i?2Q i?¬M; H - +¬ i`U+ iB T çB p"Q p'M ç +?QM?X ó.b S
+| ç€M? M? m pÈB M;Q`B i - T?B M /b #¬B i?m®+ +?Q M? 'v ;B9T +QM M?û5ô

.b S?QÆM; H•m M;"v F?¬M; M|B +?mv M pÈB L;mv M •M- i"M ibM? ?ÄB i?,K bS+
F m +¬ M? M? [m v i`Î p X \*¬ p•M; p•M; /ϕ /ϕ `²B +9T K€vX

h`-M h¬M; +?€M M<sup>a</sup>M H€B t2 iÈB [m€M # `i?Q`M; ;?û- m®M; `i M?B m `QÊmX h`
+?Q L;mv M •M K'v H-MX *m®B +MM; +¬ +kM; +?`m M?"M +m°+ ;¼BX

óL;mv M •M- M? i?m `²B ô M? M|B #^M; ;B¼M; ? i bS+ ç m F?´- `QÊm p"Q +?d F

ó M? çWM; M?Q p"vX "•v ;Bì * Q `B M

'v +? i 2K b) i? i?S +?Q M? 'v F?¬M; o" 2K i`ª H`B H" T?ªBX 1K M?Q p"v i?b + F?¬M; ô *¬ pĐ Á - MQÊ+ K„i çm M? m H,M /"B i` M ;QÆM; K†i ? Q ;¬v +O +¬X

L;mv M æ¢B o„ H†M; M;Q`B F?B M;?2 +¬ M!BX M? +?Q iWM; v m B b•m ç"K ç ?B m çQÊ+ +ªK ;B€+ +O +¬ H9+ M"vX

M? M;²B # M +¢M? +¬- ç +¬ F?|+ i` M p B M?- HŠM; H†M; M;?2 iB M; MQÊ+ K„i p"v- i?b +S H"K çBX *| 'K S+ ;b +kM; T?ªB M!B pÈB M?X LQM çB5ô

*¬ ;"i ç-m- H'v €Q M? H m MQÊ+ K„iX ó1K tBM H¶BX æ M? +?,K b!+ # K K°i K

ó M? Mm¬B # K i?b b m M"v i" B bªM +O # K +?Q M? ? i- +| ;b K" T?ªB tBM H¶ b¢+? MQÊ+ K„i ;B9T +¬X

h`-M h`¢+? K M; +?€Q Î M?" M'm H M +?Q h`-M h¬M;X L;mv M •M +~M i?"M ç9i - J¼B bBM? ?Q¢i +O M? ç m H" K°i i v +¬ HQ ? iX M? F?¬M; M!B çQÊ+- +?d "K U-

"€+ bo M!B #•v ;B` M? T?ªB i"TH¢B iW ç-m- iW ,M m®M; +?Q ç M M!B M,M;X *S M M[X

*| K°i çB m `i i?9 p`- ç| H" K¶B H-M L;mv M •M +Y ç°M; ? v H"K #'i +S i?S ;b h`- `²B +Q`B ?¢M? T?9+X

«M; h`-M M!B M;¬v K B ?¼ T?ªB H M K€v # v- M?^K i`€M? bU #¬M i€M +O ç€K ç-M çQÊ+ ;B Q +?Q h`-M h`¢+? ;BªB [mv iX

h?2Q H`B +O L;mv M æ¢B o„- ?²B ?¼+ æ¢B ?¼+ h`-M h¬M; M!B M? Km®M b®M; Î i?Q`M; ç¼+ +m®M óhQiiQ @+? M # M +Y b´ô- M? Km®M çQÊ+ ç M L?"i ç +ªK M? b€+? M?„+ iÈBX h? H" ?¼ ç M L?"iX «M; h`-M F?¬M; TªM ç®B- +?d v m +¬m +¬ «M; i F?¬M; Km®M h`-M h¬M; i?B m i?®M i?S ;b- +kM; M?Q F?¬M; Km®M +¬ Tªª

h`QÊ+ F?B çB- L;mv M •M F?¬M; +| +Æ ?°B ;†T ¬M; #¬ L;mv M- pb ?¼ çB /m H`+? #€Q `^M; +¬ TªB çB +¬M; i€+ Î MQÊ+ M;Q`BX «M; #¬ F?¬M; ?ÄB M?B m /Q çQ`M; +•m `²B M;„i K€vX

Í i` M K€v # v- h`-M h¬M; `i M;Q MX M? i?Q+? i?9 pÈB +QM J bmtBH KB #^M; F?¬M; #m¬M;X oW ç†i +?•M tm®M; K€v # v- +¬ ç½ çQÊ+ K°i +?¬M; i` B M;Q`B L +¬ ç M ;†T #€+ bo çB m i` +?Q h`-M h¬M;X

hB M; L?"i H" M;Q¢B M;[i?S ? B K" +¬ #m°+ TªB ?¼+ F?B ?¼+ æ¢B ?¼+- M?| çQÊ+ K'v +•m i?Q`M; M;¬v pÈB K¼B M;Q`BX M? +?¬M; H€B t2 @ um2 @ #'i M;| pb M;Q`B i`Á +?mv M [m H¢B i?b h`-M h¬M; #¶M; T?€i +€mX

M? FûQ €Q +¬- ?"M; H¬M; K"v M?Qm p"Q M? m- T?€i` K'v +?[ F?¬M; iä`"M; X ó.

*¬ ?ÄB Hw /Q i¢B b Q- M? +"M; #U+ #°B ?ÆM- MûK +QM J bmTBH KB ç"Tp"Q ;?

"'i M; ìi`QÈ+ ?"M? ç°M; t'+ tQÊ+ +O M?- +¬ +?d #B i BK H†M; M?†i +QM J bmT
[m v K†i M?bM` # M M; Q"BX \*¬ F?¬M; #B i`"M; K¼B +?mv M b m M"v +ÁM F?¡ F

*¡ M?B m H-M h`-M h¬M; i`®M çB- +¬ T?ªB +?¢v F?„TMÆB FB K M?- ç M M¶B ?
ibK M?X *m®B +MM; p M?" H¢B i?'v M? M;²B i`QÈ+ +Y çÊBX

*¡ M?B m H-M h`-M h¬M; ?'i ç´ +ª i¬ + M? M¡M; ?'B p"Q M; QÌB +¬- K" +¬ F?¬M; K
*?d HŠM; H†M; çB i? v ç²`²B #¬B i?m®+ +?®M; #ÄM; X

*¡ M?B m H-M F?B i„K +?Q h`-M h¬M;- M? F?¬M; #B i bS+ ç"M ¬M; +O KbM? K
+¬ tm®M; #²M MQÈ+X

*¡ M?B m H-M +¬ +¢Q`•m ;B9T M?- p¬ ibM? +„i K°i p i tQÈ+ p"Q / - M? +€m Fd
çQÌM; /"B i` M +€M? i v +¬X

*¡ M?B m H-M +¬ #` p'T iû pb K'v K~m H2; Q h`-M h¬M; +?ÆB tQM; F?¬M; +'i ;¼M

*¡ M?B m H-M +¬ çQ M? çB /¢QX M? Km®M p"Q F?m i`Á +?ÆB +O i` 2K K" +¬
+¬ M; ½X h v +?•M +¬ +¡`'i M?B m p i i?QÆM; X

J¼B +?mv M +¬ ç m M?šM M?`MX L?QM; M¶B 'K S+ /²M MûM H•m M; "v M?'i ç`M?
M°X

æ¡ H" K°i #m´B +?B m- imv i`ÆB + Q ;¬M K°i Kûi M M um2 F?¬M; i? K M; TBxx
i?b +S M^M; M†+ çÁB ,M TBxx X *¬ /¶ /"M? M?- #ªQ`^M; imv i M?B m [m€- F?¬M
M? F?¬M; +?`m- H ?ûi QK bÁK çÁB +¬ /šM çB ,MX

" Q #m²M T?B M K i KÄB iQ+? iK +ª i?€M; M v- +m®B +MM; +¬ F?¬M; +?`m çUM; i

L;mv M •M M;²B T?`+? tm®M; ;? b¬ T? - +¬ ¬K K†i K" F?¡+X óa Q M? +S M?Q p'
K i KÄB i? M"Q F?¬M; \ 1K pšM ¬K ?B p¼M; M? b) ? i # M?X L; "v M"Q M? +kM;
+?'T M?"M ? iX o"v K" b Q M? F?¬M; M;?2 HÌB 2K\ 1K i?U+ bU K i KÄB H„K`²B

h`-M h¬M; i?'v +¬ F?¡+- M? iW iW M;²B tm®M; /QÈB +?•M +¬- #`v` p K†i ç€M; i

óJ ô M? ;¼B- ç†i i v H M ç-m ;®B +¬X

L;mv M •M pšM +?Q ? i iS+ ;B"MX *¬ H'v +€B pQ M?Ä K"m t€K ` - MûK +?Q M?X
H"K çBX æWM; H"K T?B M 2K ô

hB M; ;¼B óK ô HçB T?€i ` K°i H-M M[ X h`-M h¬M; ;K+ ç-m H M çMB +¬- +ªK i?
ç°M; M;•v /çB ç! +O M?- L;mv M •M +M; #U+ #°B ?ÆMX *¬ /MM; bS+ ç~v M? `
p"Q T?ÁM;- F?| +?†i +Y HçB `²B ¬K ;®B M;²B F?|+X

hB M; ç" T +Y +MM; iB M; F?|+ H!+ i?ªK i?QÆM; iW # M M;Q" B i`mv M ç M- +¬ K
M?- +S M;²B Hb i`QM; T?ÁM;X

óJ - +QM b B `²B- +QM F?¬M; çÁB TBxx M[ç•mX *QM +?d Km®M K i?¬B5 *QM
F?|+ +O M? F?B M KbM? +¬ /`m tm®M;X

*¬ +?Q `^M; KbM? b) # M +çM? p" +?,K b!+ M? +ª ç!B- M?QM; F?B M?bM i?'v p" B
+¬ HçB i?'v iOB i?•M p¬ +MM;X *! p" B H-M +¬ M;?o ç M +?mv M K M; i`ª M? Hç
i?U+ bU imv i p¼M; pËB ibM? i`çM; +O M?X *S M;•v /çB bm®i +ª ç!B M?Q p"v- H
ç ç€M? #çB M¶B v m çm®B FB F?¬M; \

*€M? +Y KÎ ` - L;mv M •M #QÊ+ ` M;Q" B pËB F?m¬M K†i HçM? i M?- +ÁM h`-M
K„iX

ó*QM Km®M K i?¬B5ô h`-M h¬M; pÁM; i v i`QÊ+ M;U+- ç-m +9B tm®M;X M? H
ç M; MB K +?9X

L;mv M •M ¬K M?- p¶ M? p"Q p B M? pb i?'v +! H¶B F?B ç M? F?|+ i? i?ªK M?

hW ç! p b m- M? F?¬M; +ÁM çÁB +¬ #'i +S i?S ;b- F?B i?Q+? K!M ç² M"Q ç!- M
`²B +?! ç M H9+ çQÊ+ M!B +?mv M pËB ¬M; h`-M F m ¬M; Km +?Q M? K!M ç² M
hB M +kM; iW ç! K" ` X

jeX *?QÆM; kk, *?QÆM; d

:B[i?€M; iQ- h`-M h`ç+? ç°i M?B M ;¼B çB M +?Q L;mv M •MX M? i?¬M; #€Q h`
?¼ h`-M @ b„T F i ?¬M- Km®M +¬ çQ h`-M h¬M; p M?" K°i +?mv M ç ?¼T K†i
F?¬M; i? iW +?®B- +?d +! i? M;?2 i?2Q bU b„T ç†i +O h`-M h`ç+?X

h`-M h¬M; M;?2 iBM çQÊ+ çB K€v # v i?b pmB KWM; ` K†i- H9+ M"Q +kM; ?ÄB L;
*¬ #ªQ ? B M;¬v M[X æQÊ+ K°i H9+ h`-M h¬M; HçB ?ÄB iB TX *?d ç M F?B M;²B
F?¬M; ?ÄB M[X

G-M ç-m iB M ;†T K†i h`-M h`bM?- +¬ ?ÆB #'i M; ì pb M? 2K ?¼ +?ª ;B®M; M? m
i?€B +ÁM ;B®M; M? m K°i +?9iX

oÊ +O h`-M h`bM? F?€ tBM?- T?ªB M!B H" +! bS+ i?m ?9i- iQM? +€+? +kM; ?Qçi

L;mv M • M ç M i v KbM? p"Q i v h`-M h-M;- /šM M? ç M +?"Q ?ÄB iWM; M;QìB K°
 GQÆM; S?B u M- M;QìB pÊ ?B M iϕB +O -M; h`-M- M?bM ``i i` i`mM;X *¬ i v m
 ? M ç-v [m M i•KX óh?ìB ;B M [m F?' +?Q +QM [m€5ô
 *¬ +QìB +QìB- M;?o i?-K i`QM; #KM;- M;QìB T?K M[M"v T?ªB K²K KûT M? M? M?
 +?•M p"Q +,M M?" M"v- HϕB +ÁM çQÊ+ H"K M[+?O M?•M +O +,M #B i i?U M;mv M
 óJ - h`-M h-M; ç!B5ô "¶M; /QM; h`-M h-M; F m H MX *¬ M?È i`QÊ+ ;Bì M? ç•m -
 +Ð M"Q +kM; M;Q M M;Q½M çÊB +¬ K M; +ÆK ç M ç9i +?Q iWM; Km¶M;X
 óa;B b Q\ >¬K M v HϕB /Î +?SM; ;b ç•v\ô *¬ H~K #~K- HϕB FûQ M? p"Q # TX
 h`-M i-M; ;†K ? B KB M; #€M? Kb `²B #Ä HϕB ço - ;QÆM; K†i #m²M `QìB `QÊBX
 óa Q i? \ô L;mv M • M ?ÄB- T?OB pKM #€M? Kb /QM? i` M €Q +O M?X
 M? i?m M;QìB HϕB- F?¬M; /€K M?bM +¬X óum2 M!B- +QM T?ªB ç K çB- +?Q K
 F?¬M; i? H"K T?B M K çQÊ+5ô
 LK +QìB MÎ ``° i` M K¬B- +¬ tQ ç-m h`-M h-M;X óoÈ p~M5ô *¬ +?d M!B pÄM p M
 i? KX
 am@i çQìM; i` M K€v # v p HϕB L?"i- h`-M h-M; +?d çÁB +¬ Km +?Q +QM ;'m #-
 i? K ;b M[X L?bM i?'v p K†i ç,K +?B m bmv M;?o +O M?- L;mv M • M F?¬M; F?Ä
 i? +QìB HûM- pb M? F?¬M; i?Q+? +¬ +QìB K°i +€+? M;®+ M;? +? F?¬M; M!B Hw
 o T?-M K `m°i +O h`-M h-M;- ¬M; h`-M ç½ ;B'm +?mv M M? #` i B MϕM- +?d #
 HÈM- ¬M; F?¬M; Km®M M? T?ªB p'i pª # v iÊB # v HmB i?,K #~X h?dM? i?QªM; -
 M? +?Q #~ t2K- ç #~ v M i•K T?-M M"QX
 o"BM; "v b m ç!- L;mv M • M çQÊ+ +?~M çQ€M #` b®i bB m pB- T?ªB +€+? HB pb #
 h?U+ ` i?b b m F?B p HϕB L?"i- +¬ ç½ i?'v F?| +?`m i`QM; M;QìBX L^K ÎM?" ? B
 i?mv M ;BªK- i? H" +¬ M?ì um2 +?Î ç M # M? pB M- iB M i? t2K tûi bM? i`ϕM; +
 F?¬M;X
 E?B M?"M çQÊ+ i?¬M; #€Q M?"T pB M- h`-M h-M; F?|+ ``i HÈMX M? M!B M? bÊ
 M?" K°i KbM?X X X *¬ M O B K'v iB M; ç²M; ?²KÊB /K çQÊ+ M? i?2Q um2 p - +ÁM
 +?Î M? p"Q i?,K +¬X L;QìB ç" M ¬M; + Q HÈM +O +¬ pW çB pW [m v HϕB M?bM
 ` ) ` +¬m i? M; KÊB i?¬BX
 L;mv M • M ?Q HB M iK+- M?B m H9+ ?Q F?¬M; ` ?ÆB H" H9+ +¬ K i iQÎM; +? i ç
 i` M ? B #®MX *€+? p"BiB M; HϕB p"Q çQ M?B i ç°- +?QìK F?,M HϕM? ;B9T +¬X
 M?"M çQÊ+ bU [m M i•K ç†+ #B iX
 > B M; "v b m ç!- +¬ F?¬M; i? KÎK„i` M´BX " M? i bM? +| p M;?B K i`¼M;- +?d +
 H M K°i +?9i i?b M;mv +Æ #` pB K K" M; M½Q H" ``i HÈMX æ M +« ôS b M3 ?S M +

jdX *?QÆM; kk, LÆB *'i :B'm L¶B "m²M

:B[i?€M; iQ- h`-M h`¢+? ç°i M?B M ;¼B çB M +?Q L;mv M •MX M? i?-M; #€Q h`
?¼ h`-M @ b„T F i ?-M- Km®M +¬ çQ h`-M h¬M; p M?“ K°i +?mv M ç ?¼T K†i
F?-M; i? iW +?®B- +?d +| i? M;?2 i?2Q bU b„T ç†i +O h`-M h`¢+?X

h`-M h¬M; M;?2 iBM çQÊ+ çB K€v # v i?b pmB KWM; ` K†i- H9+ M”Q +kM; ?ÄB L;f
*¬ #ªQ ? B M;”v M[X æQÊ+ K°i H9+ h`-M h¬M; H¢B ?ÄB iB TX *?d ç M F?B M;²B
F?-M; ?ÄB M[X

G-M ç-m iB M ;†T K†i h`-M h`bM?- +¬ ?ÆB #'i M;ì pb M? 2K ?¼ +?ª ;B®M; M? m
i?€B +ÁM ;B®M; M? m K°i +?9iX

oÊ +O h`-M h`bM? F?€ tBM?- T?ªB M|B H” +| bS+ i?m ?9i- iQM? +€+? +kM; ?Q¢i

L;mv M •M ç M i v KbM? p”Q i v h`-M h¬M;- /šM M? ç M +?“Q ?ÄB iWM; M;QìB K°

GQÆM; S?B u M- M;QìB pÊ ?B M i¢B +O ¬M; h`-M- M?bM `’i i` i`mM;X *¬ i v m
? M ç-v [m M i•KX óh?ìB ;B M [m F?’ +?Q +QM [m€5ô

*¬ +QìB +QìB- M;?o i?-K i`QM; #KM;- M;QìB T?K M[M”v T?ªB K²K KûT M? M? M?
+?•M p”Q +,M M?“ M”v- H¢B +ÁM çQÊ+ H”K M[+?O M?•M +O +,M #B i i?U M;mv M

óJ - h`-M h¬M; ç|B5ô "¶M; /QM; h`-M h¬M; F m H MX *¬ M?È i`QÊ+ ;Bì M? ç•m -
+Ð M”Q +kM; M;Q M M;Q½M çÊB +¬ K M; +ÆK ç M ç9i +?Q iWM; Km¶M;X

óæ|B b Q\ >¬K M v H¢B /î +?SM; ;b ç•v\ô *¬ H~K #~K- H¢B FûQ M? p”Q # TX

h`-M i¬M; ;†K ? B KB M; #€M? Kb `²B #Ä H¢B ço - ;QÆM; K†i #m²M `QìB `QÊBX

óa Q i? \ô L;mv M •M ?ÄB- T?OB pKM #€M? Kb /QM? i` M €Q +O M?X

M? i?m M;QìB H¢B- F?-M; /€K M?bM +¬X óum2 M|B- +QM T?ªB ç K çB- +?Q K
F?-M; i? H”K T?B M K çQÊ+5ô

LK +QìB Mî `° i` M K¬B- +¬ tQ ç-m h`-M h¬M;X óoÈ p~M5ô *¬ +?d M|B pÄM p M
i? KX

am®i çQìM; i` M K€v # v p H¢B L?“i- h`-M h¬M; +?d çÁB +¬ Km +?Q +QM ;’m #-
i? K ;b M[X L?bM i?’v p K†i ç,K +?B m bmv M;?o +O M?- L;mv M •M F?-M; F?Ä
i? +QìB HûM- pb M? F?-M; i?Q+? +¬ +QìB K°i +€+? M;®+ M;? +? F?-M; M|B Hw

o T?-M K `m°i +O h`-M h¬M;- ¬M; h`-M ç½ ;B'm +?mv M M? #` i B M¢M- +?d #
HÈM- ¬M; F?¬M; Km®M M? T?ªB p'i pª # v iÈB # v HmB i?,K #`X h?dM? i?QªM; -
M? +?Q #` t2K- ç #` v M i•K T?-M M`QX

o`B M;`v b m ç|- L;mv M •M çQÊ+ +?~M çQ€M #` b®i bB m pB- T?ªB +€+? HB pb #

h?U+ ` i?b b m F?B p H¢B L?"i- +¬ ç½ i?'v F?| +?`m i`QM; M;QìBX L^K ÎM?" ? B
i?mv M ;BªK- i? H` +¬ M?ì um2 +?Î ç M # M? pB M- iB M i? t2K tûi ibM? i`¢M; +
F?¬M;X

E?B M?"M çQÊ+ i?¬M; #€Q M?"T pB M- h`-M h¬M; F?|+ `i HÈMX M? M|B M? bÊ
M?" K°i KbM? *¬ M OB K'v iB M; ç²M; ?² KÈB /K çQÊ+ M? i?2Q um2 p - +ÁM ?S
+?Î M? p`Q i?,K +¬X L;QìB ç`M ¬M; + Q HÈM +O +¬ pW çB pW [m v H¢B M?bM
)` +¬m i? M; KÈB i?¬BX

L;mv M •M ?Q HB M iK+- M?B m H9+ ?Q F?¬M; ` ?ÆB H` H9+ +¬ K i iQÎM; +? i ç
i` M ? B #®MX \*€+? p`B iB M; H¢B p`Q çQ M?B i ç°- +?QìK F?,M H¢M? ;B9T +¬X
M?"M çQÊ+ bU [m M i•K ç†+ #B iX

> B M;`v b m ç|- +¬ F?¬M; i? KÎK„i` M´BX " M? ibM? +| p M;?B K i`¼M;- +?d +
H M K°i +?9i i?b M;mv +Æ #` pB K K`M; M½Q H` `i HÈMX æ M +?B m M;`v i?S #
K„i [m M b€i tmM; [m M?X o` +¬ F?¬M; i?'v h`-M h¬M; Î ç•mX " M ç-m +¬ ?ÆB HQ
p`Q ç•v +kM; +?ŠM; i®i H`M? ;b M M +¬ F?¬M; Km®M #`M i•K M[X "•v ;Bì +?d KQ
p M?`X

a€M; M;`v i?S iQ F iW F?B M?"T pB M- L;mv M •M KÎK„i p` i?'v h`-M h¬M; M;²B #
M†M ` K°i MK +QìB i?"i iQÆB- +?Êi M?"M ` #`M i v /QÈB i'K +?,M #` M? M„K `i

am®i;-M # M;“v ç K- M? i?S+ i`„M; ç t2K ? i ç Q¢M T?BK ;?B H¢B ? B M,K [m X
i`QM; i•K i`Q M? H“ +¬ ;€B ç| - H“ L;mv M •M +O M?X h`QM; K°i ;B•v- M? ç½ [
+ÁM H¢B +O KbM? ç T?K+ pK +¬- +?’T M?“M K¼B v m +¬m /M ç9M; /M b B +O +
M? ç M ;†T +¬ M; v H”T iS+X

h`-M h¬M; M|B iB M; M? #^M; ;B¼M; +?m~M- F m um2 çQ M? iÈB ;†T L;mv M •M

L?[M; iB M„M; ç-m iB M +?Q F`T bQÎB 'K K†i ç'i- h`-M h¬M; ç½ p°B p”M; +?¢v
i`QÊ+ ;BQÌM; # M? +O L;mv M •M- M? +ªK M?“M i`€B iBK KbM? ç m M?|B iWM;
v m M?Êi M?¢i +O +¬- M? F¬M; FbK HÁM; M´B K” çQ i v H M pm®i p2X

M? M;²B ç| - +?ì çÊBX æ M F?B +¬ KÎ K„i M?bM M?- M? H¢B ?QªM; bÊ K” #Ä +?¢
K„i M|M; ?´B im¬M i`”QX

h`QM; #[ ,M- ? B M;QÌB ?¼ F¬M; ? M?“+ H¢B [m€ F?SX J†+ /M L;mv M •M `’i i
KÎ HÌB i`QÊ+X \*¬ M?bM ç¬B K„i +?S ç-v M¶B m b-m +O h`-M h¬M;- Km®M KÎ HÌ

M? M|B M? Km®M [m v p - M? Km®M i`ª +m°+ b®M; iU /Q H¢B +?Q +¬X L;mv M

*¬ F¬M; ?ÄB M? i¢B b Q H¢B M|B M?Q p”v- +?d H†M; H) çB # M +¢M? M?X h®
a m F?B ¬K +?“Q i¢K #B i um2- L;mv M •M i?2Q M? p”Q T?ÁM; +?ìX E¬M; B M|

J€v # v ?¢ +€M?- L;mv M •M +U+ Fb +,M; i?ŠM;X *¬ HB + i`°K M? K’v H-M- +?d i

ó M? çQ 2K p M?“5ô

*•m M|B +O h`-M h¬M; F?B M +¬ ç¬M; +SM; p”B ;B•vX óa Q H¢B p M?“2K\ô *¬

ó M? [m MX G” M?“ L;mv M æ¢B o„5ô

*•m M|B +O M? +”M; H”K +¬ F?| +?“m ?ÆMX ó1K ?ÄB i¢B b Q\ô

ó*?S 2K Km®M çB ç•m\ô M? M?bM +¬- F¬M; +ªK t9+X

E?B b„T t T ç² ç¢+ p”Q +®T t2 tQM; tm¬B- i”B t pW ç`M? F?ÎB ç°M; t2 i?b L;mv
+?9M; i¬B M|B +?mv M`B M; K°i +?9i çQÊ+ F¬M;\ô E K i?2Q K°i MK +QÌB M;¼i

h`B t pW #QÊ+ tm®M; t2- +¬ ç½ +?`i p'M M?X ó M? +| w ;b\ô

h`-M h¬M; M?QÈM; K°i # M +?•M K`v iÄ w F?¬M; ?B mX

óh¢B b Q H¢B çQ 2K p M?`\ô

óob 2K Km®M5ô h`-M h¬M; [m v ?ŠM M;QÌB [m ç M?bM +¬X

ó M? ô *¬ Mm®i F? M- +® ;B[#bM? ioM?X ó F?¬M; ;B[2K H¢B b Q\ô

ó M? F?¬M; #B i ô M? 'T 9M;X

óa m i`i +ª K¼B +?mv M i?b ô \*¬ M;? M M;`QX ó M? F?¬M; Km®M ;B[2K H¢B b F?¬M; i? +¬K +U M´B M[- ç K†+ MQÊ+ K„i`ÆB tm®M;X

:B¼i MQÊ+ K„i +O +¬ i?m ?9i bU +?9 w +O M?X M? /MM; #`M i v iQ HÈM +?¢K Md MQMX óE?¬M;- F?¬M;X æWM; F?|+5 ô M? ¬K +¬ p`Q HÁM;X

ó1K H`K M?B m +?mv M M?Q p`v K` M? F?¬M; +ªK ç°M; b Q\ a Q +| i? çm´B 2K

óE?¬M;- L;mv M •M- M? +?d Km®M 2K H`K M?[M; pB + 2K i?Q+?- i`QÊ+ ç•v 2K iV ;B M # M ;B çbM?X M? KQM; 2K H`K çQÊ+ çB m 2K Km®M5 æWM; F?|+ ô

*¬ +`M; F?|+ HÈM ?ÆMX o` +ÆM MS+ MÎ +?d /WM; H¢B F?B M? ûT K¬B KbM? H M M;?25ô

*¬ i`ª HÌB F?¬M; /Q /UX ó1K Km®M +| K°i ç€K +QÈB- M? H` +?9 ` +O 2K5ô

h`-M h¬M; +QÌB ?¢M? T?9+- ;?b +?†i H`v +Æ i? 'K €T +O +¬X

>¼ [m'M H`v M? m F?B pW p`Q +Y X M? [mŠM; ç®M; ?`M? Hw #W ` b`M- ? B i €Q +ªM i`ÎX > B +Æ i? i`-M i`KB ûT b€i M? m- ç°M; i€+ F`+? HB iX

óL;mv M •M ô :B¼M; M? KÆ K`M;- +€M? i v ;B[ +?†i H`v 2Q +¬X

*¬ M„K +?†i KûT ;®B- +U+ Fb F?|+ +?`mX \*¬ +`M; M`B Md- M? +`M; i` m çM H•m F?¬M; Km®M M[ - M? KÈB /¶ /`M?- M|B M;¼i p`B +•m `²B H¢B ç°M; i?•MX

a m p" B H-M M? Q i? - ?¼ M^K p"i` ¬K M? mX M? ?¬M F?„T K†i +¬- i? b i? -K K'
T? B K ?²M; +O +¬ ç Ä HUM; H MX

ó 1K F?¬M; +|X M? b Q M? H¢B M|B M? Q p"v5ô

ó M? i?'v b Q i? b M|B p"v i?¬B5 *?¶ ç| i?U+ bU`'i imv iX 1K K" F?¬M; F m ç m i?L
H¢B5ô

*¬ t'm ?' pMB K†i p"Q M;U+ M?X

ó L; v +ª M;U+ ?bM? M? Q +kM; HÈM H MX 1K F?¬M; çB bY ç'v +?S\ô h v M? H¢E

ó M? #Ä i v` ô

ó E?¬M;5ô

ó L"v- i`€M?` - M†M; [m€5ô

ó E?¬M;5ô

ó ô

h?ÌB ;B M +| i? i? v ç' B ç QÊ+ M?B m i?S- M?QM; +| K°i i?S F?¬M; i? i? v ç' B ç Q

j3X *?QÆM; kj, *?QÆM; 3

h` M çQ¢M çQÌM; p M?"- bm®i ;¬M ? B KQÆB T?9i- h`-M h`¢+? +?ŠM; M|B ;b pÈ
E€ H¢B`Qm`Qi F?¬M; M;WM;X *¬ Hmv M i?mv M #bM? Hm"M p M?[M; M;QÌB #¢
ç°M; ;b ç M h¬æ M h? M?X

a m K°i ?²B ç°+ i?Q¢B F?¬M; M;WM;- +¬ iOB i?•M F?¬M; M|B M' B M[- b|M; KkB
M,M; F?B M +¬ BK H†M; M?Q #•v ;BÌ +kM; +?d +| M?X

o"Q i`QM; M?"- h`-M h`¢+? ç°i M?B M F?| +?`m F?B +¬ F?¬M; t T ;B"v p"Q iOX ó*
*¬ F?¬M; +?`m i?m - +½B H¢B M?X óa Q M? H¢B F?| +?`m pÈB 2K\ *kM; +| T?ª
M?Q p"v ç•m\ô

ó æ9M; H" T?B M T?S+5ô M? H-K #-K- i?ª €Q p2bi tm®M; b"MX

*¬ M;?B M`,M;- FB K MûM +ÆM iS+ ;B"MX óS?B M\ô *¬ ?W H¢M?X ó:†T H¢B ibM

h`-M h`¢+? [m v M;Q„i H¢B M?bM +¬X ó1K HªK M?ªK +€B ;b p"v\ô

ó1K M|B b B "\ J¼B M;Q|B M|B p +¬ 'v- M? i`WM; K„i M?bM ?¼X >¬K M v ;†T H¢
 pÈB 2K\ L m Hmv M iB + M?Q p"v i?b i?2Q M;Q|B i Hm¬M çB5ô *¬ HÈM iB M;- +?
 M? MÈB HÄM; +¨ p¢i- i?€Q ? B M9i €Q ç-mX óL m 2K F?¬M; çÁB çB i?b ç•m +| +
 i¬B\ô
 óE?¬M; T?ªB b Q\ô *¬ i`WM; K„i M?bM M?X
 h`-M h`¢+? F?¬M; i`ª H|B- M? M?†i €Q F?Q€+ /QÈB b¨M H M- ç|M; b-K +€M? +Y
 æ K ç| M? F?¬M; [m v p X
 *ª ç K "¢+? J°M; E€ M^K i? Q i?S+ K½B- +m®B +MM; #¨i /"v i bK H¼ i?m®+ M i?¬M
 +¬ M?bM i?'v i|; B'v +?SM; M?"M F i?¬MX æ•v H¨ H-M i?S # +¬ Km®M tû M€i i|;
 a€M; bÈK ?¬K b m- h`-M h`¢+? [m v p X M? KÁ KšK H2Q H M ;BQ|M;- M;Q|B ç-v
 L; v H9+ M? KÎ+Y #QÈ+ p¨Q- "¢+? J°M; E€ ç½ #` ç€M? i?S+X M? M^K b€i p¨Q +
 +¬- bB i +?†iX *¬ M^K BK F?¬M; M?9+ M?Q+?- i•K i bM? +kM; F?¬M; +ÁM #'i ´M M
 ó M? tBM H¶B- i®B [m +| ?ÆB HÈM iB M;Xô M? i?b i?-K p¨Q i B +¬X
 *¬ F?¬M; +?'T M?'i- #ªQ `¨M; K bM? +kM; +| H¶BX
 h?'v +?Q - +¬ `¨i / /¶ /¨M?- +?d +¬M tBM H¶B `²B M|B M;¼i p¨B +•m H¨ +¬ i? i?S
 o¨B M;¨v b m ç| - +€B i M h¬ æ M h? M? i`Î i?"M? çB m +'K F` +O ?¼X M? F?¬M;
 ?Á F?Q +?Q +,M M?"X
 ó1K i?'v i` M iBpB ;BÈB i?B m K°i #° T?BK bB m M? ?MM; ? v H„K- i®B M v çB t2
 M?- M kM; M`mX
 óV- K B M? p bÈK çB +MM; 2KXô M? p m®i i| + +¬X
 óo"v 2K ç†i pû i`QÈ+5ô \*¬ ?Q ?YM; #¨i /"v- +?¢v çB KÎ H TiQT ç†i pû i`QÈ+X óS?E
 ç†i i`QÈ+ KÈB +| +?¶ M;²B ç TXô
 M? "K U F?¬M; [m M i•K H„KX
 a€M; ?¬K b m- b m F?B M? çB H¨K- +¬ +kM; #„i t2 çB Km b„KX G9+ çB M; M; +Y
 M;?B K i9+ ;?û p¨Q- HU ? B #° ç² KÈBX h`QM; HÁM; i?-K M;?o- H•m H•m T?ªB i?
 M|M; i bM? +ªK pÊ +?²M;X
 *¬ bY bQ¢M iQÆK i'i- K†+ #° i` M; T?K+ KÈB Km H9+ b€M;- +ÁM +® i bM? ç ?Î p
 ;B| +?B m T?BK F?QªM; # KQÆB T?9i- +¬ ç|M t2 ç M`¢T +?Ì M?- Km bÆM #„T p
 :-M ç M; B| +?B m T?BK- +¬ pšM +?Q i?'v #|M; /€M; M? ç•mX a®i `m°i [m € ç¨M
 +?Q \ô
 ó M? +| +?9i +?mv M- 2K p¨Q i`QÈ+ çB- F?B M¨Q tQM; pB + M? Km pû p¨Q b mXô
 ó±- p"v M? +S iW iWX 1K +ÁM HQ M? tªv ` +?mv M; bXô *¬ +Q|B ;QÈM;X
 óV5ô
 ó>¬K M v F?¬M; çQÈ+ i?b ?¬K F?€+- M? F?¬M; +-M i?'v €v M€v ç•m5ô
 ó M? b) +® tQM; pB + bÈK5ô
 óo"v M? H¨K pB + çB- 2K F?¬M; H¨K T?B M M[5 *?"Q M?5ô
 h`-M h`¢+? +9T K€v M; v H¨T iS+- F?¬M; ;B®M; M?Q K¼B F?B- çÈB +¬ +9T K€v i`
 Zmª M?B M- h`-M h`¢+? F?¬M; ç M çQÈ+X *¬ M;²B +?Ì M? b m®i # iB M; ç²M; ?
 +m°+X *¬ F?¬M; i? i`€+? M?- p b M? ç½ M|B +| i? M? b) F?¬M; ç M çQÈ+- +?d

ob iW M?Ä +¬ ç½ b®M; Î T?QÆM; h•v M M +€+? ,M K†+ +kM; +| ?ÆB i?Q€M;X *?Š
M v +O +¬- T?-M +´ F?Qûi ?ÆB b•m- +¬ i?'v #bM? i?QìM;- p"v K" +| K'v M;QìB
+?^K- +| M;QìB +ÁM M|B HìB i?¬ H¶ pÈB +¬X

æ M; HQ v ?Q v ç|M i tB i?b +| K°i +?B +t2 "m; iiB K"m ç2M /WM; i`QÈ+ K†i +¬X
H" M? h`-M M"Q ç| ç M ç|MX

æ9M; i?"i H" M? h`-M M"Q ç|- M?QM; H" h`-M h`bM? +?S F?-M; T?ªB h`-M h`¢+?

ó*?` /•m- p "ô \*"m h`-M ?¢ +Y tm®M;- +?"Q +¬X " M +¢M? ;? H€B +ÁM +| K°i +
ç-m +?"Q +¬X

óV- #„i t2 F?| [m€5ô *¬ i?"i i?"X

ó*?` H M çB- 2K çQ +?` p Xô

óh?¬B- M?" + "m T?Q "„+- M?" i¬B T?Q L K- +| iB M ç•mX *"m p çB- F?-M; b Q ç

ó*?` +S H M çB- +?` çB K°i KbM? 2K F?-M; v M i•K5ô h`-M h`bM? i?€Q /•v M iQ"
+¬X

óh?¬B çQÈ+ `²B- M?ì + "m p"v5ô "¢+? J°M; E€ KÎ +Y - p°B p" M; +?mB p"Q ;? b mX

h` M t2- +¬ H¢B Hmv M i?mv M M[ - ?ÄB çO i?S +?mv M +O h`-M h`bM? p" >¢ hmv
F i ?¬MX

h`-M h`bM? ç€T K°i +•m F?B M +¬ M;QÊM; M;MM; F?-M; ?ÄB M[X óE?B M"Q +?
?¬M5ô

>¢ hmv i .mv M #"i +QìB F?9+ F?Q+?X

jNX *?QÆM; k9, S?–M 9 @ *¬ 'v

S>•L 9, "Ë o A J JX

L?[M; ;b t^av ` i`QM; [m€ F?S +O 2K H" +?mv M +O 2KX L?QM; M?[M; ;b t^av ` i`Q
ç†+ •M +O M?X M? Km®M ç!M M?"M ç†+ •M M"vX *?Q M M 2K ?½v [m v p # M

M? iQîM; ``M; KbM? ç½ [m2M pÈB +¬ çÆM- M?QM; 2K ç½ t€Q i`°M i`"i iU +m°+ b
iO çUM; [m–M €Q +O 2K- K!M ç² H†i p†i +O 2KX X X +?9M; +S ç"Tp"Q K„i M? ç
+O 2K- ç M? #B i KbM? F?¬M; +¬ çÆMX

a•m i?ŠK i`QM; M? Km®M çQÊ+ ¬K 2K i? K M?B m H–M M[X

G–M i?S # i`QM; pÁM; b€m i?€M; b m F?B F i?¬M- "ç+? J°M; E€ Km®M tû M€i i! ;

*¬ /^M HÁM; tm®M; - FB K +? +ÆM iS+ ;B"MX *¬ M; ?o- +?`m çUM; i? K K°i H–M M
?ŠM H" [m€ ç€M; - +?d H" +¬ ;€B FB ç½ ,M b•m p"Q i`QM; i`€B iBK M?X

"S+ ^aM? +QÈB i` M iQîM; #` M; ?B M; b M; K°i # M- J°M; E€ çSM; /"v- +?çK i v p"Q
¬M; çSM; +çM? KbM? i`QM; #S+ <sup>a</sup>M?X \*?"M; i` B F?¬M; +QìB- +?d M; ?B K M; ?` M
HçB +QìB iQ2- ?^M +^a p i M?, M î F?|2 K„iX

*'i HçB i! ;B'v +?SM; M?"M F i?¬M p"Q ç€v iO- "ç+? J°M; E€ iU M?O- M m M; QìB ç
+¬ i K°i H–M M[- +¬ F?¬M; +?d tûi M€i i! ;B'v FB - K" +ÁM FQ Hm¬M çÆM Hv ?¬M

L; ?o i? - M?QM; +¬ F?¬M; M; !M; "v KbM? ç†i #9i FQ i M HçB M? M? ç M i? X

*QM i` B i`QîM; +O ¬M; h`–M- h`–M h`ç+?- M´B iB M; H" M; QìB HB i +Æ K†iX J¼
+^aK i` M; QÆM; K†iX

M? Hm¬M M; ?2 HìB ¬M; h`–M- +?Q # Q ;B! /€K +½B HçBX L; v +^a +?mv M F i?¬M

>¬M M?•M i?QÆM; KçB F?¬M; +ÁM H" çB m Hç HŠK pÈB M?X M? iWM; çB t2K K
T?9X *?d +–M ¬M; h`–M M!B- M? ç m M; ?2 i?2QX L?[M; H–M; †T i`QÈ+ ç!- +QM
pÈB M?- ç T?–M ?¼ ç m #Ä p ;B[+?WM; pb M? [m€ HçM? M?çi pÈB ?¼X

L,K M v M? ç½ ;-M #®M KQÆB- b® H-M t2K K„i T?ªB ç K b m®i K'v H-M #`M i vX
K°i M`Q ç!- M? t2K K„i pÈB +¬ +QM ;€B +O h”T çQ”M J- p” +¬ ;€B ç! ç½ ç²M; w F

"¢+? J°M; E€ H” çS +QM +?QM? i?S+ +O "¢+? h? M? lvX *¬ +QM ;€B HÈM +O
+MM; +QM i` B i`QÎM; M?” ?¼ h`-MX *! i? t2K H” K°i ?¬M H HÈM- ?Q†+ H” K°i T
M?m”M H” F?¬M; ç K t m X

hW M,K i€K i m´B ç½ b®M; Î M? M M +QM M;QÌB +¬ `’i i?Q€M;- +?Q iWM; v m B
h`-M h`¢+?X G-M ;†T K†i ç-m iB M- +¬ M?bM` çQÊ+ `^M; M? ç M; ;²M; KbM?+?
K°i çB m ;b ç!X o” çB m ç! H¢B i?m ?9i+¬X h? H” +¬ ç²M; w F i ?¬M pÈB M? b m

> B i?€M; b m ç!- ?¬M H /B M` `’i HÈM M?Q ç F?Q2 F?Q M; bU ;B”m +! +O ?
/•m +,M #B i i?U Î 8+- ¬M; "¢+? i†M; +QM` F?m M;?d /QÐM; Î çªQ > r BBX Zm
K²K ;?2M i` pÈB bU F?Q2 K) +O ? B M?”X

L;¬v ?¬K b m +¬K iÌ ;B’v t€+ M?”M ç,M; Fw F i ?¬M i` M i v- "¢+? J°M; E€ ç½ Km®
ç-m iB M +¬ +! w M;?o tû iÌ ;B’v ç!X

h¬ æ M h? M? i?m ?9i K¼B bU +?9 w- +¬ i bªB iWM; #QÊ+ /¨B ç M #¨M M?[M; M; Q
M|B M?½ M?†MX LK +QÌB +O +¬ i F?B M +¬ ?ÆB #'i M- pb M|¨¨i [m2M K„iX

ó: ?2M i` i?¨i5ô GÌB pW i?®i` - K'v M; QÌB tmM; [m M? M?bM +¬- # M ç-m H¨ M; c
?çBX *¬ +?d ; ?2M i` pÈB i?-M i?€B +O +¬ 'v i?¬B K¨- b Q K¼B M; QÌB HçB M?bM

o¨B T?9i b m- K°i #çM ?¼+ M K +?Q¨M; p B h¨-M h¨ç+? ç~v +Y p¨QX aU F?| +?¨r
M?X

óh¨-M h¨ç+?- i¬B K M; æ M h? M? p +?Q +¨m `²B M¨v5ô J°i #çM ?¼+ M; ²B F æ M

E?QªM; F?„+ ? B M; QÌB ?¼ ç®B /B M pÈB M? m- +€B +ªK ;B€+ i?m +m°+ HB M #

h¨QM; +m°+ çÌB M¨v- +¬ ç½ i?'i #çB ¨¨i M?B m H-M `²BX "¨ ç~v b M; M? H¨ i?'i #ç
K F bd pª H¨ i?'i #çB i?S ? BX E?¬M; F`T ;†T HçB K H-M +m®B H¨ i?'i #çB i?S i
;€B H¨ i?'i #çB i?S M, KX "¨ /²M p¨Q çQÌM; +MM; ç M M¶B #` H¨K M?K+ H¨ i?'i #ç
ç´B Km #€M M?Q ?¨M; ?| +?Q KK+ çQ+? i?QÆM; KçB H¨ i?'i #çB i?S #ªvX L?[M;
çSM; /¨v +?®M; ç®BX L?QM; H-M M¨v- M m HçB i?'i #çB F?B ç M; QÌB ç¨M ¬M; K
F?€+- i?b HÁM; iU i¬M +m®B +MM; +O +¬ b) #B M K'i- b) +?ŠM; +ÁM HçB ;b M[X

"ç+? J°M; E€ çSM; /¨v- +¬ bªB iWM; #QÊ+ iU iBM i` M ç¬B ;B¨v + Q ;|i p¨ çSM; +?

ó*?¨Q +?¨- 2K M; ?2 K¼B M; QÌB M|B p +?¨¨¨i M?B mX >¬K M v HçB +| pBM? ?çM
K„M i?"i5ô *¬ +QÌB +€B çB m +QÌB ;Bª içQ K¨ +?QM? +¬ +kM; F?¬M; #B i KbM? H

ó1K H¨X X X ô *¬ i M?bM +¬- b m ç| M?bM M; QÌB #çM F # MX

E?B +¬ #çM FB ç`M? ;BÈB i?B m i?b +¬ ç½ M? M? ?ÆM K°i #QÊ+X ó§- 2K H¨ pÊ
tQ M? +?¨ i?•M M? m H„K M M 2K Km®M [m +?¨Q ?ÄBX X Xô

h¨-M h¨ç+? F?¬M; i? +?¨m i? K çQÊ+ M[- M? FûQ i v +¬- M|BX ó*?ÆB çO `²B- p

óh?"i M; çB [m€X oÊ +?²M; KÈB +QÈB- +?¨ +kM; #B i ç|X M? 'vX X Xô "ç+? J°M;
#` h¨-M h¨ç+? H¬B çBX

9yX *?QÆM; k9, S?–M 9 @ *?QÆM; R

S>•L 9, "È o A J JX

L?[M; ;b t^{av} ` i`QM; [m€ F?S +O 2K H" +?mv M +O 2KX L?QM; M?[M; ;b t^{av} ` i`Q
ç†+•M +O M?X M? Km®M ç|M M?"M ç†+•M M"vX *?Q M M 2K ?½v [m v p # M

M? iQÎM; ``M; KbM? ç½ [m2M pÈB +¬ çÆM- M?QM; 2K ç½ t€Q i`°M i`"i iU +m°+ b
iO çUM; [m–M €Q +O 2K- K|M ç² H†i p†i +O 2KX X X +?9M; +S ç" T p"Q K„i M? ç
+O 2K- ç M? #B i KbM? F?¬M; +¬ çÆMX

a•m i?ŠK i`QM; M? Km®M çQÊ+ ¬K 2K i? K M?B m H–M M[X

*?QÆM; R, *¬ 'vX

G–M i?S # i`QM; pÁM; b€m i?€M; b m F?B F i?¬M- "¢+? J°M; E€ Km®M tû M€i iÏ

*¬ /^M HÁM; tm®M; - FB K +? +ÆM iS+ ;B"MX *¬ M; ?o- +?`m çUM; i? K K°i H–M M
?ŠM H" [m€ ç€M; - +?d H" +¬ ;€B FB ç½ ,M b•m p"Q i`QM; i`€B iBK M?X

"S+ ^aM? +QÈB i` M iQÎM; #` M; ?B M; b M; K°i # M- J°M; E€ çSM; /"v- +?¢K i v p"Q
¬M; çSM; +¢M? KbM? i`QM; #S+ <sup>a</sup>M?X \*?"M; i` B F?¬M; +QÏB- +?d M; ?B K M; ?` M
H¢B +QÏB iQ2- ?^M +^ap i M?, M Î F?; 2 K„iX

*'i H¢B iÏ ;B'v +?SM; M?"M F i?¬M p"Q ç€v iO- "¢+? J°M; E€ iU M?O- M m M; QÏB
+¬ i K°i H–M M[- +¬ F?¬M; +?d tûi M€i iÏ ;B'v FB - K" +ÁM FQ Hm¬M çÆM Hv ?¬i

L; ?o i? - M?QM; +¬ F?¬M; M; Ì M; "v KbM? ç†i #9i FQ i M H¢B M? M? ç M i? X

*QM i` B i`QÎM; +O ¬M; h`–M- h`–M h`¢+?- M´B iB M; H" M; QÏB HB i +Æ K†iX J¼
+^aK i` M; QÆM; K†iX

M? Hm¬M M; ?2 HÏB ¬M; h`–M- +?Q # Q ;BÏ /€K +½B H¢BX L; v +^a +?mv M F i?¬

>¬M M?•M i?QÆM; K¢B F?¬M; +ÁM H" çB m H¢ HšK pÈB M?X M? iWM; çB t2K K
T?9X *?d +–M ¬M; h`–M M|B- M? ç m M; ?2 i?2QX L?[M; H–M; †T i`QÊ+ ç| - +QM;
M?- ç T?–M ?¼ ç m #Ä p ;B[+?WM; pb M? [m€ H¢M? M?¢i pÈB ?¼X

L, K M v M? ç½ ;–M #®M KQÆB- b® H–M t2K K„i T?^aB ç K bm®i K'v H–M #`M i vX
K°i M"Q ç| - M? t2K K„i pÈB +¬ +QM; €B +O h" T çQ" M J- p" +¬ ;€B ç| ç½ ç²M; w F

"¢+? J°M; E€ H" çS +QM +?QM? i?S+ +O "¢+? h? M? lvX *¬ +QM ;€B HÈM +O M
+QM i` B i`QÎM; M?" ?¼ h`–MX *| i? t2K H" K°i ?¬M H HÈM- ?Q†+ H" K°i T?B pK H
H" F?¬M; ç K tm X

hW M, K i€K i m´B ç½ b®M; Î M? M M +QM M; QÏB +¬ `i i?Q€M; - +?Q iWM; v m B
h`–M h`¢+?X G–M; †T K†i ç–m iB M- +¬ M?bM` çQÊ+ ``M; M? ç M; ;²M; KbM? +?
K°i çB m ;b ç|X o" çB m ç| H¢B i?m ?9i +¬X h? H" +¬ ç²M; w F i?¬M pÈB M? b m

> B i?€M; b m ç| - ?¬M H /B M` `i HÈM M?Q ç F?Q2 F?Q M; bU ;B"m +| +O ? B
+, M #B i i?U Î 8+- ¬M; "¢+? i†M; +QM` F?m M; ?d /QÐM; Î ç^aQ > r BBX Zm M F?
; ?2M i` pÈB bU F?Q2 K) +O ? B M?"X

L; "v ?¬K b m +–K iÏ ;B'v t€+ M?"M ç, M; Fw F i?¬M i` M i v- "¢+? J°M; E€ ç½ Km®
ç–m iB M +¬ +| w M; ?o tû iÏ ;B'v ç|X

L?[M; M; "v b®M; +?mM; i?U+ bU F?¬M; +| ;b H" F?¬M; i?Q^aB K€BX *¬ /¼M ç M b®
h`¢+? M^K +€+? t i`mM; i•K i?"M? T?®- `i v M i oM?X

> B M; QÌB M^K +?mM; ; BQÌM; M?QM; M? +?ŠM; ċKM; ċ M +¬X J†+ /M +¬ Km®M
 #„i ċ-m i`QÈ+ ċQÈ+- HÐ #` M; QÌB i iW +?®B i?b +ÁM K†i KkB ċ•m K` M?bM M; QÌ
 "m´B b€M; - +¬ +® ibM? /"v bÈK- M´m #[b€M; +?Q M?- +?d H` i`SM; p` #€M? Kb M
 " M ċ-m h`-M h`¢+? F?¬M; i? K ċKM; ċ M- b m M`v i?´v +¬ pšM FB M i`b H`K K¶B
 M;²B ,M +MM; +¬X
 "¢+? J°M; E€ M|B `´i M?B m- H¢B `´i #[#½B- ,M ċ² ,M p†i i?b `ÆB `Èi ċ-v M?`X
 +¬ p`B iB M; X \*¬ ; B"M /¶B +?¢v p`Q T?ÁM; - p` ċ•v H` H-M i?S ? B +¬ +| w M; ?o K
 E?|+ K°i i`"M- +¬ KÈB M?"M ` H¶B b B +O KbM?- #QÈ+ tm®M; tBM H¶B h`-M h`
 M?X
 ó1K tBM H¶B K`X Í M?" +?€M [m€ M M 2K KÈB H`K p"v5ô
 h`-M h`¢+? M?bM #`M i v +¬ ċ M; #€K H´v i v KbM?- KB M +QÐM; M|B K°i +•mX ó*
 2K F?¬M; T?ªB H`K pB + ``\ô
 óE?¬M; X M? t2K- # 2K ; B`m M?Q p"v i?b i¢B b Q 2K T?ªB ċB H`K- ?ÆM M[+?
 M?B m iB M- 2K F?¬M; iBM M? F?¬M; Mm¬B M´B 2KXô oW M|B +¬ pW +?m K¬B
 óoÈ p~M5ô h`-M h`¢+? #`i +QÌB i`QÈ+ +•m i`ª HìB +O +¬X LK +QÌB i` M K¬B M?
 iBK "¢+? J°M; E€ i M +?ªvX
 *¬ ?Qi b•m ? B H-M- +?ÈT K„i # +€BX óh`ÌB ¢5 M? i?Q+? M; ?2 K´v HìB tm M`M?
 +QÌB HÈMX
 h`-M h`¢+? #` M„K i?|T- M? [m v M; QÌB #Ä ċB- F?¬M; i? K ċ¬B +Q pÈB +¬X
 > B M; `v b m ċ| - ?¼ ċB ?QÎM; im-M i`,M; K"i Î K°i ċªQ M?Ä i?m°+ pMM; #B M h?€
 HB M; iB M; M? +| bœM- "¢+? J°M; E€ +?¢v imM; i,M; F?„T MÆB- ?ÄB i?,K ċO i?
 L?bM +¬ ; €B M,M; ċ°M; +?¢v [m +?¢v H¢B FB - M? F?¬M; F?ÄB +?€M MªMX M?
 +¬ ; €B M`v H`K pÈ- F?¬M; ?ÈT pÈB iQM? +€+? i`-K H†M; +O M?- +¬ i [m€²M`C
 æ M H9+ F?¬M; i? +?`m ċUM; M´B- M? #„i +€M? i v +¬- H¬B p F?€+? b¢MX *¬ p
 M? MûK +?Q €M? K„i ?bM? pB M ċ¢M HB M BK #†i- F?¬M; /€K [m"v M[X
 h? M?QM; +ª #m´B +?B m #` M?®i i`QM; T?ÁM; - +¬ #m°+ TªB H M iB M; ċÁB iU
 i`,M; K"i K` +S

9RX *?QÆM; k8, o i *?"K h`QM; hBK

h` M çQçM çQÌM; p M?"- bm®i; -M ? B KQÆB T?9i- h`-M h`ç+? +?ŠM; M|B ;b pÈ
E€ HçB `Qm `Qi F?-M; M;WM;X *- Hmv M i?mv M #bM? Hm"M p M?[M; M;QÌB #ç
ç°M; ;b ç M h-æ M h? M?X

a m K°i ?²B ç°+ i?QçB F?-M; M;WM;- +¬ iOB i?•M F?-M; M|B M´B M[- b|M; KkB
M,M; F?B M +¬ BK H†M; M?Q #•v ;BÌ +kM; +?d +| M?X

o`Q i`QM; M?"- h`-M h`ç+? ç°i M?B M F?| +?`m F?B +¬ F?-M; t T ;B`v p`Q iOX ó*

*¬ F?-M; +?`m i?m - +½B HçB M?X óa Q M? HçB F?| +?`m pÈB 2K\ *kM; +| T?a
M?Q p"v ç•m\ô

óæ9M; H` T?B M T?S+5ô M? H-K #-K- i?a €Q p2bi tm®M; b"MX

*¬ M;?B M`,M;- FB K MûM +ÆM iS+ ;B"MX óS?B M\ô *- ?W HçM?X ó:†T HçB ibM

h`-M h`ç+? [m v M;Q„i HçB M?bM +¬X ó1K HªK M?aK +€B ;b p"v\ô

ó1K M|B b B ``\ J¼B M;QÌB M|B p +¬ 'v- M? i`WM; K„i M?bM ?¼X >¬K M v ;†T Hç
pÈB 2K\ L m Hmv M iB + M?Q p"v i?b i?2Q M;QÌB i Hm¬M çB5ô *- HÈM iB M;- +?

M? MÈB HÄM; +` pçi- i?€Q ? B M9i €Q ç-mX óL m 2K F?-M; çÁB çB i?b ç•m +| +
i¬B\ô

óE?-M; T?aB b Q\ô *- i`WM; K„i M?bM M?X

h`-M h`ç+? F?-M; i`ª HÌB- M? M?†i €Q F?Q€+ /QÈB b"M H M- ç|M; b-K +€M? +Y

æ K ç| M? F?-M; [m v p X

*ª ç K "ç+? J°M; E€ M^K i? Q i?S+ K½B- +m®B +MM; #"i /"v ibK H¼ i?m®+ M i?-M
+¬ M?bM i?'v iÌ; B'v +?SM; M?"M F i ?¬MX æ•v H` H-M i?S # +¬ Km®M tû M€i iÌ;

a€M; bÈK ?¬K b m- h`-M h`ç+? [m v p X M? KÁ KšK H2Q H M ;BQÌM;- M;QÌB ç-v

L; v H9+ M? KÎ+Y #QÈ+ p`Q- "ç+? J°M; E€ ç½ #` ç€M? i?S+X M? M^K b€i p`Q +
+¬- bB i +?†iX *- M^K BK F?-M; M?9+ M?Q+?- i•K ibM? +kM; F?-M; +ÁM #'i´M M

ó M? tBM H¶B- i®B [m +| ?ÆB HÈM iB M;Xô M? i?b i?-K p"Q i B +-X

*¬ F?¬M; +?'T M?'i- #ªQ `^M; KbM? +kM; +| H¶BX

h?'v +?Q - +¬ `i / /¶ /"M?- +?d +-M tBM H¶B `²B M|B M;¼i p"B +•m H" +¬ i? i?S

o"B M;"v b m ç| - +€B i M h¬ æ M h? M? i`î i?"M? çB m +'K F` +O ?¼X M? F?¬M;
?Á F?Q +?Q +,M M?"X

ó1K i?'v i` M iBpB ;BÈB i?B m K°i #° T?BK bB m M? ?MM; ? v H„K- i®B M v çB t2
M?- MkM; M`mX

óV- K B M? p bÈK çB +MM; 2KXô M? pm®i i| + +-X

óo"v 2K çti pû i`QÈ+5ô \*¬ ?Q ?YM; #°i /"v- +?çv çB KÎ H TiQT çti pû i`QÈ+X óS?E
çti i`QÈ+ KÈB +| +?¶ M;²B ç TXô

M? "K U F?¬M; [m M i•K H„KX

a€M; ?¬K b m- b m F?B M? çB H`K- +¬ +kM; #„i t2 çB Km b„KX G9+ çB M; M; +Y
M;?B K i9+ ;?û p"Q- HU ? B #° ç² KÈBX h`QM; HÁM; i?-K M;?o- H•m H•m T?ªB i?
M|M; ibM? +ªK pÊ +?²M;X

*¬ bY bQçM iQÆK i'i- K†+ #° i` M; T?K+ KÈB Km H9+ b€M;- +ÁM +® ibM? ç ?Î p
;BÌ +?B m T?BK F?QªM; # KQÆB T?9i- +¬ ç|M t2 ç M`çT +?Ì M?- Km bÆM #„T p

:¬M ç M ;BÌ +?B m T?BK- +¬ pšM +?Q i?'v #|M; /€M; M? ç•mX a®i`m°i [m€ ç" M
+?Q \ô

ó M? +| +?9i +?mv M- 2K p"Q i`QÈ+ çB- F?B M"Q tQM; pB + M? Km pû p"Q b mXô

ó±- p"v M? +S iW iWX 1K +ÁM HQ M? tªv ` +?mv M ;bXô *¬ +QÌB ;QÊM;X

óV5ô

ó>¬K M v F?¬M; çQÊ+ i?b ?¬K F?€+- M? F?¬M; +-M i?'v €v M€v ç•m5ô

ó M? b) +® tQM; pB + bÈK5ô

ó o"v M? H"K pB + çB- 2K F?¬M; H"K T?B M M[5 *?"Q M?5ô

h`-M h`ç+? +9T K€v M; v H"TiS+- F?¬M; ;B®M; M?Q K¼B F?B- çÊB +- +9T K€v i`

Zmª M?B M- h`-M h`ç+? F?¬M; ç M çQÊ+X *¬ M;²B +?ì M? bm®i # iB M; ç²M; ? +m°+X *¬ F?¬M; i? i`€+? M?- pb M? ç½ M|B +| i? M? b) F?¬M; ç M çQÊ+- +?d

ob iW M?Ä +- ç½ b®M; Î T?QÆM; h•v M M +€+? ,M K†+ +kM; +| ?ÆB i?Q€M;X *?Š M v +O +- T?¬M +´ F?Qûi ?ÆB b•m- +- i?'v #bM? i?Q`M;- p"v K" +| K'v M;Q`B c +?^K- +| M;Q`B +ÁM M|B H`B i?¬ H¶ pÊB +-X

æ M; HQ v ?Q v ç|M i tB i?b +| K°i +?B +t2 "m; iiB K"m ç2M /WM; i`QÊ+ K†i +-X H" M? h`-M M"Q ç| ç M ç|M X

æ9M; i?"i H" M? h`-M M"Q ç|- M?QM; H" h`-M h`bM? +?S F?¬M; T?ªB h`-M h`ç+?

ó*?" /•m- p " \ô *"m h`-M ?ç+Y tm®M;- +?"Q +-X " M +çM? ;? H€B +ÁM +| K°i + ç-m +?"Q +-X

óV- #„i t2 F?| [m€5ô *¬ i?"i i?"X

ó*?"` H M çB- 2K çQ +?"` p Xô

óh?¬B- M?" + "m T?Q "„+- M?" i¬B T?Q L K- +| iB M ç•mX *"m p çB- F?¬M; b Q ç

ó*?"` +S H M çB- +?"` çB K°i KbM? 2K F?¬M; v M i•K5ô h`-M h`bM? i?€Q /•v M iQ" +-X

óh?¬B çQÊ+ `²B- M?ì + "m p"v5ô "ç+? J°M; E€ KÎ+Y - p°B p" M; +?mB p"Q ;? b mX

h` M t2- +- HçB Hmv M i?mv M M[ - ?ÄB çO i?S +?mv M +O h`-M h`bM? p" >ç hmv F i ?¬MX

h`-M h`bM? ç€T K°i +•m F?B M +- M;QÊM; M;MM; F?¬M; ?ÄB M[X óE?B M"Q +? ?¬M5ô

>ç hmv i .mv M #"i +Q`B F?9+ F?Q+?X

óG"K T?B M ? B M;Q`B `²B- p +~M i?"M M?û5 > M ;†T HçB 2K ;€B5ô "ç+? J°M; E

+| i? K +?` 2K /•m i?b p mB +ÁM ;b #^M;X

Í i` M t2- >¢ hmv i .mv M [m v b M; [m M b€i h`-M h`bM?X

M? pšM ¢ M; i" T i`mM; M?bM ¢QìM;- M!BX ó1K M?bM M? M?Q p"v F?B M M? K'i

*¬ F?Q M? ? B i v i`QÈ+ M;U+- H"K p ;B"M /¶BX óa Q M? [m M i•K +¬ 'v i? \ *A
bBM? +QM KÈB +?`m F i?¬M ?S5ô

ó1K ;?2M "\ h`-M h`¢+? M?ì M? ¢Q +?` 'v p - /M b Q +kM; H" M;QìB M?"- +?` 'v H
H•mX GĐ K" +| +?mv M ;b i?b M? #B i ,M M!B i? M"Q pÈB M? i` B ¢•v\ô M? M?b

ó*?` 'v M!B M?B m i?"i ¢'v5 J" i¢B b Q M? h`-M h`¢+? H¢B F?¬M; ¢B +MM; +?` 'v
T?BK K°i KbM? H" i`¼M; i°B- M? #B i F?¬M;\ô

h`-M h`bM? F?¬M; i`a HìBX \*?mv M M? i` B KbM? ¢ M; Î+¢M? M;QìB +QM ;€B F?
KbM? i?b +?ŠM; K'v i@i ¢ T- F?¬M; +-M i?B i T?ªB F?Q2 F?Q M;X

L?bM +,M M?" F?¬M; +| +?9i €M? b€M; M"Q- HÁM; "¢+? J°M; E€ +?MM; tm®M;X *
M?X M? F?¬M; M;?2 K€v F?B M +¬ ?ÆB HQX

*¬ pšM iB T iK+ ;¼B +?Q M? ? B +m°+ b m ¢!X æ M F?B ¢²M; ?² ¢B K K°i ;Bì- +¬
*m®B +MM; +kM; +| M;QìB M?"M +m°+ ;¼B- M?QM; F?¬M; TªB H" h`-M h`¢+?X *
b®- +ÁM ¢Q ¢B M i?Q¢B ` t2K H¢B H-M M[X*¬ F?¬M; ?ÄB- ¢-m # M FB ¢½ iU t
K B `²B ;¼B H¢B ô

óS?B M +¬ ;¼B M? 'v /"v ;B9T i¬B5ô "¢+? J°M; E€ +® ;B[#bM? ioM?X *¬ ?B p¼M
TªB H" h¬ æ M h? M?X

ó*¬ ¢WM; ?B m H-KX M? 'v +?d M;O Î +?¶ i¬B i?¬B- F?¬M; H"K ;b ? iXô

óh¬ æ M h? M?- H" +¬ ¢9M; F?¬M;\ô *¬ M;„i HìB ¢®B T?QÆM;- +ÆM ;B"M /•M; i`"

óS?ªB- H" i¬B ô

L;?2 ¢QÈ+ +•m i`a HìB- +¬ +9T K€v M; v H" T iS+X æ K ¢! +¬ ¢½ F?|+X G-M ¢-m i
¢½ F?|+ p b #` M;QìB F?€+ H"K i´M i?QÆM;X

h`QÈ+ ¢•v- +¬ iWM; #` b d pª`i M?B m- iQ" M M?[M; HìB H) + v ¢°+ M?QM; +?Q #
M;QìB i +?ŠM; +?YB K„M; ¢€M? ¢"T ;b +kM; F?B M +¬ # "i F?|+- H¢B +ÁM F?|+ `'

a€M; bÈK ?¬K b m- h`-M h`¢+? i`î p X M? p`Q T?ÁM;- KÎiO i? v [m-M €QX æ°M;
i?S+ +¬X

h?U+ ` +¬ F?¬M; ? M;O- F?|+ bQM; ? i K„i K i`½ M;QÌB- +¬ pW +?ÊT K„i i?b
M ;BQÌM;- ?¬M M? H M i`€M +¬ K°i +€B- K„i +¬ KÎ HÈM ` X

ó M? ç€M? i?S+ 2K ``\ô M? H¢B ?¬M i? K +€B M[H M K„i +¬X

"¢+? J°M; E€ M;²B /"v- +¬ ?'i K€B i|+ /"B +O KbM? b M; K°i # M- +QÌB F?~vX ó M
Î H¢B +?,K M;QÌB i ``\ô

h`-M h`¢+? +? m K`v- M? M;²B tm®M; ;BQÌM;- M?bM +¬X ó1K M|B ;b\ô

ó M? F?¬M; M?È KbM? iW ç•m p ``\ *| +¬M 2K M?„+ H¢B F?¬M;\ô E?B M|B- ? B ?"
M? mX

ó ô M? +9B ç-m- F?¬M; /€K M?bM p`Q K„i +¬X J'i K°i H9+ b m- M? KÈB KÎKB M;
F?Ä2- M? +?d ô

óæWM; ;BªB i?Q+? pÈB 2KX G`K ? v F?¬M; i?b +kM; i? i?¬BX M? [m ç K Î M?"
F?B M i`€B iBK 2K +? i M;? M`²B M? çB H`K çB- 2K K i`²B5ô *¬ M^K tm®M;- F0

h`-M h`¢+? ;¼B +¬ ? B iB M;- i?'v +¬ M^K BK M? F?¬M; H`K T?B M i? K M[X

M? çB `²BX E?¬M; i? K M,M Md +¬X

h®B ç| M? p bÈKX o`Q # T i?'v i`®M; i`ÆM KÈB [m v ` ?ÄB +¬ ç M; M^K i` M b¬ T
M'm ;b ,M ``\ > v Km®M` M;Q`B ,M\ô

"¢+? J°M; E€ F?¬M; i`ª HÌB- K„i +¬ +?,K +?,K p`Q +€B iBpBX

ó"¢+? J°M; E€5ô M? ;¼B i M +¬- ;^M iWM; +?[X

*¬ i„i iBpB- çSM; /"v #Ä H M T?ÁM;X

M? H¢B ;¼B i M +¬ K°i H-M M[X

*¬ [m v M;Q„i H¢B- i`WM; K„i pÈB M?X óh`QM; iO +| Kb ;|B- M;Q`B çQÌM; +| Kb b
+ M? 'K i?b ç M M?` M;QÌB M`Q ç| F m +¬ i H`K +?Q K`` ,M ô

h?€B ç° t'+ tQÊ+ +O +¬ F?B M M? #U+ #°B F?¬M; Km®M ,M ;b M[X æB H"K p ç½
FB m ç! H"K M? +¬M; K i i? KX

J'v M;¬v HB M ç!- +¬ F?¬M; i? K M!B +?mv M pÈB M?X

M? pW p ç M M?"- +¬ HB M p T?ÁM; ç!M; b-K +Y H¢BX

M? i„K `Y b¢+? b) `²B H2Q H M ;BQÌM; M^K i?b +¬ ¬K ;®B b M; T?ÁM; F?€+?X

M? +S ç M ;¬M H" +¬ +?¢v i`®MX

h`-M h`¢+? `i #U+- +ªK ;B€+ M?Q #` M;QÌB i +QÈT KB M; K²B M;QM #ûQ #Î i`Q
M"Q +kM; F?¬M; #„i F`TX

ó1K Km®M +?B M i` M? H¢M? ç M # Q ;BÌ ç•v\ô M? ?ÄB F?B +¬ ç M; H'v MQÈ+ i`

*¬ pšM ;B[BK H†M;- HB + K„i M?bM M? K°i +€BX

J†+ /M ç½ +® ibM? Mû i`€M? M?QM; F?B çB M; M; [m - +¬ pšM #` M? ;B[H¢BX

ó M? ç M; M!B +?mv M pÈB 2K ç'v5ô

*¬ i?Î` K°i ?ÆBX ó"Ä` `²B M!B5ô

E?¬M; M?Q M? iQÎM;- F?B M? pW #Ä i v i?b +¬ HB M M?' + +?•M #Ä çB M; v H
M?bM i?2Q #!M; HQM; +¬- F?¬M; i?®i M M HÌBX

>¬K b m M? F?¬M; çB H"K- [mv i i•K T?ªB M!B +?mv M ç" M; ?Q" M; pÈB +¬X

æ M K°i #m'Bi®BX M? M?"M çQÊ+ +m°+ ;¼B iW h¬ æ M h? M?X *¬i M!B +¬ i ç
pB M- M m M? F?¬M; ç M +¬ i b) M?ªv tm®M;X a m ç! +ÁM ;YB i'K ?bM? +?KT iV

h`-M h`¢+? p°B p" M? i? v [m-M €Q- ;¼B çB M F m M?•M pB M Î# M? pB M H M t2

"¢+? J°M; E€ i?'v M? HK+ çK+ ;¼B çB M b„T t T- HÁM; +¬ ç m çÈM iWM; +ÆM Fû

ó M? H¢B çB ;†T +¬ i ``\ô *¬ ?ÄBX

ó M? çB K°i H€i `²B p M; v ô

óæWM; çB5ô *¬ i`ÁM K„i M?bM M?- ç¬B K„i H'T H€M? b|M; MQÈ+X

ó*¬ 'v +| w ç`M? M?ªv H-m M? F?¬M; i? ô h`-M h`¢+? #®B `®B M?bM +¬X

óob M? +S [m M i•K M M +¬ i KÈB H`K iÈBX 1K F?¬M; Km®M M? çBXô \*¬ i`WM; K
[mv iX

ó1K çWM; M;?o [m€X "¼M M? i?U+ bU F?¬M; +| ;bXô

ó*?d +-M #B i M? Î+¢M? +¬ i H` 2K ç½ T?€i çB M H M `²B M m ç½ F?¬M; +| ;b
:B¼M; +¬ M`B Md- `i ç€M; i?QÆM;X

ó M? tBM H¶B ô M? K†+ €Q F?Q€+ p`Q- H'v +?MK +?b F?| i`QM; +€B `´ M?Ä i`

ó M? K` çB i?b t2K M?Q +?9M; i Hv ?¬M ô *¬ [m€i H MX

h v M? F?UM; H¢B K°i H9+- b m ç| [m v H¢B M?bM +¬- €M? K„i b•m i?,K i?ŠKX ó*
ç•m5ô _²B M? çB i?"i- #Ä çB i?"i bUX

G-M i?S iQ i`QM; pÁM; b€m i?€M; b m F?B F i?¬M- "¢+? J°M; E€ Km®M tû M€i il

*¬ /^M HÁM; tm®M;- FB K +? +ÆM iS+ ;B"MX *¬ M;?o- +?`m çUM; i? K K°i H-M M
?ŠM H` [m€ ç€M;- +?d H` +¬ ;€B FB ç½ ,M b•m p`Q i`QM; i`€B iBK M?X

"S+ªM? +QÈB i` M iQ`M; #`M;?B M; b M; K°i # M- J°M; E€ çSM; /"v- +?¢K i v p`Q
¬M; çSM; +¢M? KbM? i`QM; #S+ªM?X \*?`M; i` B F?¬M; +Q`B- +?d M;?B K M;?`M
H¢B +Q`B iQ2- ?^M +ª p i M?,M Î F?|2 K„iX

*'i H¢B il ;B'v +?SM; M?"M F i?¬M p`Q ç€v iO- "¢+? J°M; E€ iU M?O- M m M;Q`B
+¬ i K°i H-M M[- +¬ F?¬M; +?d tûi M€i il ;B'v FB - K` +ÁM FQ Hm¬M çÆM Hv ?¬M

L;?o i? - M?QM; +¬ F?¬M; M;`M;`v KbM? ç†i #9i FQ i M H¢B M? M? ç M i? X

9kX *?QÆM; k8, *?QÆM; k

h` M çQçM çQÌM; p M?`- bm®i ;-M ? B KQÆB T?9i- h`-M h`ç+? +?ŠM; M!B ;b pÈ
E€ HçB `Qm `Qi F?-M; M;WM;X *- Hmv M i?mv M #bM? Hm”M p M?[M; M;QÌB #ç
ç°M; ;b ç M h- æ M h? M?X

a m K°i ?²B ç°+ i?QçB F?-M; M;WM;- +- iOB i?•M F?-M; M!B M´B M[- b!M; KkB
M,M; F?B M +- BK H†M; M?Q #•v ;B!+kM; +?d +! M?X

o`Q i`QM; M?`- h`-M h`ç+? ç°i M?B M F?| +?`m F?B +- F?-M; t T ;B”v p`Q iOX ó*
*- F?-M; +?`m i?m - +½B HçB M?X óa Q M? HçB F?| +?`m pÈB 2K\ *kM; +! T?ª
M?Q p”v ç•m\ô

óæ9M; H” T?B M T?S+5ô M? H-K #-K- i?ª €Q p2bi tm®M; b”MX

*- M;?B M`,M;- FB K MûM +ÆM iS+ ;B”MX óS?B M\ô *- ?W HçM?X ó:†T HçB ibM
h`-M h`ç+? [m v M;Q„i HçB M?bM +-X ó1K HªK M?ªK +€B ;b p”v\ô

ó1K M!B b B `\\ J¼B M;QÌB M!B p +- `v- M? i`WM; K„i M?bM ?¼X >-K M v ;†T Hç
pÈB 2K\ L m Hmv M iB + M?Q p”v i?b i?2Q M;QÌB i Hm-M çB5ô *- HÈM iB M;- +?

M? MÈB HÄM; +” pçi- i?€Q ? B M9i €Q ç-mX óL m 2K F?-M; çÁB çB i?b ç•m +! +
i-B\ô

óE?-M; T?ªB b Q\ô *- i`WM; K„i M?bM M?X

h`-M h`ç+? F?-M; i`ª HÌB- M? M?†i €Q F?Q€+ /QÈB b”M H M- ç!M; b-K +€M? +Y
æ K ç! M? F?-M; [m v p X

*ª ç K ”ç+? J°M; E€ M^K i? Q i?S+ K½B- +m®B +MM; #”i /”v ibK H¼ i?m®+ M i?-M
+- M?bM i?’v i! ;B’v +?SM; M?”M F i ?-MX æ•v H” H-M i?S # +- Km®M tû M€i i! ;

a€M; bÈK ?-K b m- h`-M h`ç+? [m v p X M? KÁ KšK H2Q H M ;BQÌM;- M;QÌB ç-v
L; v H9+ M? KÎ+Y #QÈ+ p`Q- ”ç+? J°M; E€ ç½ #`ç€M? i?S+X M? M^K b€i p`Q +
+- bB i +?†iX *- M^K BK F?-M; M?9+ M?Q+?- i•K ibM? +kM; F?-M; +ÁM #’i´M M

ó M? tBM H¶B- i®B [m +! ?ÆB HÈM iB M;Xô M? i?b i?-K p`Q i B +-X

*- F?-M; +?’T M?’i- #ªQ `^M; KbM? +kM; +! H¶BX

h?’v +?Q - +- `’i / /¶ /”M?- +?d +-M tBM H¶B `²B M!B M;¼i p”B +•m H” +- i? i?S
o`B M;”v b m ç!- +€B i M h- æ M h? M? i`Î i?”M? çB m +’K F`+O ?¼X M? F?-M;
?Á F?Q +?Q +,M M?”X

ó1K i?’v i` M iBpB ;BÈB i?B m K°i #° T?BK bB m M? ?MM; ? v H„K- i®B M v çB t2
M?- MkM; M`mX

óV- K B M? p bÈK çB +MM; 2KXô M? pm®i i!+ +-X

óo”v 2K ç†i pû i`QÈ+5ô \*- ?Q ?YM; #”i /”v- +?çv çB KÎ H TiQT ç†i pû i`QÈ+X óS?B
ç†i i`QÈ+ KÈB +! +?¶ M;²B ç TXô

M? ”K U F?-M; [m M i•K H„KX

a€M; ?-K b m- b m F?B M? çB H”K- +- +kM; #„i t2 çB Km b„KX G9+ çB M; M; +Y
M;?B K i9+ ;?û p`Q- HU ? B #° ç² KÈBX h`QM; HÁM; i?-K M;?o- H•m H•m T?ªB i?
M!M; ibM? +ªK pÈ +?²M;X

*- bY bQçM iQÆK i’i- K†+ #° i` M; T?K+ KÈB Km H9+ b€M;- +ÁM +® ibM? ç ?Î p
;B!+?B m T?BK F?QªM; # KQÆB T?9i- +- ç!M t2 ç M`çT +?Ì M?- Km bÆM #„T p

: - M ç M ; B Ì + ? B m T ? B K - + ¬ p š M + ? Q i ? ' v # ! M ; / € M ; M ? ç • m X a @ i ` m ° i [m € ç " M + ? Q \ ô

ó M ? + ! + ? 9 i + ? m v M - 2 K p " Q i ` Q Ê + ç B - F ? B M " Q t Q M ; p B + M ? K m p û p " Q b m X ô

ó ± - p " v M ? + S i W i W X 1 K + Á M H Q M ? t ^ v ` + ? m v M ; b X ô * ¬ + Q Ì B ; Q Ê M ; X

ó V 5 ô

ó > ¬ K M v F ? ¬ M ; ç Q Ê + i ? b ? ¬ K F ? € + - M ? F ? ¬ M ; + - M i ? ' v € v M € v ç • m 5 ô

ó M ? b) + @ t Q M ; p B + b Ê K 5 ô

ó o " v M ? H " K p B + ç B - 2 K F ? ¬ M ; H " K T ? B M M [5 * ? " Q M ? 5 ô

h ` - M h ` ¢ + ? + 9 T K € v M ; v H " T i S + - F ? ¬ M ; ; B @ M ; M ? Q K ¼ B F ? B - ç Ê B + ¬ + 9 T K € v i `

Z m ^ M ? B M - h ` - M h ` ¢ + ? F ? ¬ M ; ç M ç Q Ê + X * ¬ M ; ^ 2 B + ? Ì M ? b m @ i # i B M ; ç ^ 2 M ; ? + m ° + X * ¬ F ? ¬ M ; i ? i ` € + ? M ? - p b M ? ç ½ M ! B + ! i ? M ? b) F ? ¬ M ; ç M ç Q Ê + - + ? d

o b i W M ? Ä + ¬ ç ½ b @ M ; Î T ? Q Æ M ; h • v M M + € + ? , M K † + + k M ; + ! ? Æ B i ? Q € M ; X * ? Š M v + O + ¬ - T ? - M + ' F ? Q û i ? Æ B b • m - + ¬ i ? ' v # b M ? i ? Q Ì M ; - p " v K " + ! K ' v M ; Q Ì B + ? ^ K - + ! M ; Q Ì B + Á M M ! B H Ì B i ? ¬ H ¶ p Ê B + ¬ X

æ M ; H Q v ? Q v ç ! M i t B i ? b + ! K ° i + ? B + t 2 " m ; i i B K " m ç 2 M / W M ; i ` Q Ê + K † i + ¬ X H " M ? h ` - M M " Q ç ! ç M ç ! M X

æ 9 M ; i ? " i H " M ? h ` - M M " Q ç ! - M ? Q M ; H " h ` - M h ` b M ? + ? S F ? ¬ M ; T ? ^ B h ` - M h ` ¢ + ?

ó * ? ` / • m - p " \ ô \* " m h ` - M ? ¢ + Y t m @ M ; - + ? " Q + ¬ X " M + ¢ M ? ; ? H € B + Á M + ! K ° i + ç - m + ? " Q + ¬ X

ó V - # „ i t 2 F ? ! [m € 5 ô * ¬ i ? " i i ? " X

ó * ? ` H M ç B - 2 K ç Q + ? ` p X ô

ó h ? ¬ B - M ? " + " m T ? Q " „ + - M ? " i ¬ B T ? Q L K - + ! i B M ç • m X * " m p ç B - F ? ¬ M ; b Q ç

ó * ? ` + S H M ç B - + ? ` ç B K ° i K b M ? 2 K F ? ¬ M ; v M i • K 5 ô h ` - M h ` b M ? i ? € Q / • v M i Q " + ¬ X

ó h ? ¬ B ç Q Ê + ` ^ 2 B - M ? Ì + " m p " v 5 ô " ¢ + ? J ° M ; E € K Î + Y - p ° B p " M ; + ? m B p " Q ; ? b m X

h ` M t 2 - + ¬ H ¢ B H m v M i ? m v M M [ - ? Ä B ç O i ? S + ? m v M + O h ` - M h ` b M ? p " > ¢ h m v F i ? ¬ M X

h ` - M h ` b M ? ç € T K ° i + • m F ? B M + ¬ M ; Q Ê M ; M ; M M ; F ? ¬ M ; ? Ä B M [X ó E ? B M " Q + ? ? ¬ M 5 ô

> ¢ h m v i . m v M # " i + Q Ì B F ? 9 + F ? Q + ? X

ó G " K T ? B M ? B M ; Q Ì B ` ^ 2 B - p + ~ M i ? " M M ? û 5 > M ; † T H ¢ B 2 K ; € B 5 ô " ¢ + ? J ° M ; E + ! i ? K + ? ` 2 K / • m i ? b p m B + Á M ; b # ^ M ; X

Í i ` M t 2 - > ¢ h m v i . m v M [ m v b M ; [ m M b € i h ` - M h ` b M ? X

M ? p š M ç M ; i " T i ` m M ; M ? b M ç Q Ì M ; - M ! B X ó 1 K M ? b M M ? M ? Q p " v F ? B M M ? K ' i

* ¬ F ? Q M ? ? B i v i ` Q Ê + M ; U + - H " K p ; B " M / ¶ B X ó a Q M ? [ m M i • K + ¬ ' v i ? \ \* A b B M ? + Q M K Ê B + ? ` m F i ? ¬ M X X X ? S 5 ô

ô 1 K ; ? 2 M " \ X X X h ` - M h ` ¢ + ? M ? Ì M ? ç Q + ? ` ' v p - / M b Q + k M ; H " M ; Q Ì B M ? " - +

9jX *?QÆM; ke, J•v æ2M h?b *kM; G" J•v

J M; i?2Q ;QÆM; K i KÄB i`Î p M?" p"Q b€M; ?¬K b m- h`-M h`¢+? i? KbM? b) F
T?ªB #m²M HÁM; pb +€B i M h¬ æ M h? M? K°i H-M M"Q M[X

M? ç½ M; ?o i`,K M;"M +€+? ç tBM H¶B +¬- M?QM; K¼B i?S /QÌM; M?Q ç½ [m€ K

oW p"Q +Y - +€B p HB M^K ;B[H®B çB F?B M M? idM? i€Q ?ŠMX M? M?bM +€
i` M ;? b¬ T? [m v HQM; H¢B pÈB M?X

L; ?2 +| iB M; ç°M; - "¢+? J°M; E€ [m v H¢BX *¬ #QÈ+ p T?Q M?- M|B K'v +•mH
Fw +O M? M[H" ?Q"Mi`i i?O iK+ Hv ?¬MX L m M? #"M 2K +| i? K M; çÆM`
i•K- 2K F?¬M; çÁB #²B i?QÌM; ;b +ªX æÆM 2K ç i` M #"M- M? t2K F„ çB- +| i?„
Hm"i bQ +O 2K- 2K +| ;?B b®¬M; 'v T?Q i` MXô

h`-M h`¢+? M?,M K"v- M? ;B[i v +¬ H¢B F?B +¬ HQÈi [m M;QÌB M?X óv ;b ç•v
F?¬M; K M; ` çM çQÊ+ ç•m5ô

óL m M? bÊ 2K HW ;¢i i?b ? M M;"v ` iÁ çB- 2K F?¬M; #"M ;b +ªXô *¬ #bM? i?ª

ó1K F?¬M; M K†i # KbM? K" bmv M; ?o H¢B "∂ô M? ;B"i +¬ H¢B- ç +¬ ç®B /B M p

ó*?9M; i +| i? +?B i v i`QM; BK H†M;X L m M? bÊ #` i?m H¶ ;b ç| i?b v M i•K
+?mv M +?9M; i Hv ?¬M ç•mX *?d H" p K†i T?€T Hw +?9M; i F?¬M; H" ;b +O M
?Á pÈB B- H" +?mv M +O +€ M?•M M;QÌB ç|Xô

ó1K i?U+ bU Km®M p"v b Q∂ô M? M?bM i?ŠM; p"Q K„i +¬- +¬ ibK K°i +?9i v m çm

óG" M? ûT 2K TªB H"K p"v5ô L|B tQM; - +¬ FûQ p HB #QÈ+ ` F?ÄB +Y - F?¬M; [

h`-M h`¢+? çSM; M; •v ` ç| K°i H9+- M? H¢B ;¬M +€B #"M i?'T- +-K iì ;B'v i` M #
?¬Mô BM ç"K i` M i` M; ;B'v F?B M i`€B iBK M? i?„i H¢BX M? pÁ iì ;B'v- MûK M|

"¢+? J°M; E€ #„i i tB ç M M;Q¢B ¬i?"M? T?®X *¬ i?m K°i T?ÁM; HÈM Î F?m M; ?
iB M ?"M; i?€M; ¬M; "¢+? ;YB +?Q +¬ çO +?Q +¬ iB m t"Bi?QªB K€B F?¬M; HQ M

Zmv i ç`M? Hv ?¬M ç M`'i M? M?X L; v F?B Hm"i bQ ;YB +?Q +¬ #ªM bQ¢M ç-v ç
M; v H"TiS+X æ M #•v ;B| +¬ pšM F?¬M; ?®B ?"M pÈB [mv i ç`M? ç|X *?d H" M?b
+¬ H¢B M?È h`-M h`¢+? / /B i

*¬ #B M K'i bm®i K'v M;"v HB M M?QM; +?ŠM; B ? v #B i- #¢M # F?¬M; - M;QÌB

hW M;¬v ¬M; "¢+? +| ibM? M?•M KÈB- ¬M; F?¬M; +ÁM [m M i•K ç M K +QM +¬ M
K'i- ¬M; +ÁM +?ŠM; +?Q +¬ iB M ç Km pû K€v # v p /U i M; H +O K X *?d ç M
+?Q +¬- +¬ KÈB /€K #"i F?|+ i`QÊ+ T?¬M +ÁM H¢B +O K KbM?X L,K ç| +¬ KQÌB

E?Q^aM; i?ìB ;B M b m- /QÌM; M?Q +^aK i?'v +„M `Si HQÆM; i•K M M ¬M; ç½ ;YB `'
+?Q +¬- +?d H" +¬ F?¬M; i?B i i? ;b K|M iB M ç| M[X

o T?¬M +¬ ibM? M?•M #û M?Ä +O ¬M; "¢+?- #" i +MM; +QM ;€B `B M; +?d +?,K
¬M; "¢+?X am®i M;¬v tm M`M? ¬M; "¢+?- b m HQM; ¬M; i?b ?„i ?OB "¢+? J°M; E
K°i M;QÌB ç`M ¬M; K" +kM; F?¬M; ;B[çQÊ+X *¬ v m çm®B- F?¬M; i? M|B H¢B ;b

a m ;¬M ? B im¬M Î MÆB t H¢- +¬ [mv i ç`M? [m v p i?"M? T?®X *¬ H¢B i?m T?
ç•v- +¬ [m2M çQÊ+ K°i M? +?"M; F?€ çB M i` BX

a m p`B H¬M #„i ;†T M? m Î ?"M? H M; F?€+? b¢M- M? i KÈB #„i +?mv M pÈB +
+€+? +¬ K°i T?ÁM;X

ó1K F?¬M; +| M;QÌB i?•M Î ç•v ``\ô M? +?"M; ç T i` B ?ÄBX

óE?¬M;X 1K +?d +| K°i KbM?5ô

Zm ibK ?B m- M? i ;BÈB i?B m KbM? i M .QÆM; G¢+- H" ç¢Q /B M i` KÈB M´B
pB i # Q M?B m #`B + iKM;X J'v M;¬v b m ç| - M? i Hm¬M çB +MM; +¬- p` ?bM?
ç,M; H M #€Q- F K /ÁM; iB m ç `i HÈM ó"¢M ;€B ç¢Q /B M i` ? v pÊ +O *1P\ô

o` H¬M ç¬m iB M i`QM; M?B m M,K- çB M i?Q¢B +O +¬ M?"M çQÊ+ `i M?B m +m°
M?"M +m°+ ;¼B ç¬m iB M iW ¬M; "¢+?X

ó*QM ç M; H`K ;b p"v ?^ \ æ½ +| +?²M; `²B +ÁM +†T F pÈB M;QÌB F?€+X *QM F?
T?ªB M;?o ç M #° K†i +O # +?S\ *QM H`K p"v i?b # #B i ,M M|B pÈB # M i?¬M;
i?Î /`B- iB M; i?Î M†M; M i`mv M ç M ç¬m # M M`vX

óo"v i?b çWM; M|B ô *¬ M|B H¢M? M?¢iX

ó*QM T?ªB #B i +QM M;QÌB i F?¬M; i? ç¢T H M /Q Hm"M K" b®M; çQÊ+5 *QM ç

«M; "¢+? +9T K€v- +¬ M?bM M?[M; #bM? Hm"M €+ w i` M K¢M;X *?d #B i +QÌB F?

h®B ç| - i` M K¢M; H¢B tm'i ?B M K°i çQ¢M T?ÄM; p'M h`¬M h`¢+? p pB +pÊ KbM
KÈB M´B- M? i`ª HìB ç¬v iU iBM p` ? i bS+ i?mv i T?K+X ó*¬M; iv +?9M; i¬B ç M
+O ç¢Q /B M .QÆM; G¢+- pÊ i¬B +?`m i`€+? M?B K T?Q bªM tm'i M M i?QÌM; t

+?²M; +?9M; i¬B pšM ``i i®iX JQM; K¼B M; QìB çWM; ?B m H-K +¬ 'vXô

L[T?|M; pB M HçB ?ÄB iB TX ó M? F?¬M; i?'v ;?2M F?B +¬ 'v ;†T ççQ /B M .QÆM

h`-M h`ç+? +QìB /`m /`M;- MK +QìB t| #Ä K¼B M;?B ?Q†+X ó*¬ 'v b®M; Î MQÈ+
?ÆB i?Q€M;- +?Q i? [m2M pÈB T?QM; iK+ ;Á #| +O +?9M; i X h¬B +?d Km®M +
i?'v i?QªB K€BX *ÁM +?mv M ;?2M im¬M; i?b çQÆM; M?B M TªB ;?2M `²BX h¬
#`M +?mv M tQM; ç +MM; p M?`- M?Q p"v KÈB v M i•KXô

GìB H'T HB T i?"i bU [m€ tm'i b„+X *¬ p¶ i v i€M i?"M?- i?B m çB m çSM; /"v F?2

G9+ ç| +¬ ç M; Î i`QM; [m€M ;" +?B M- M;?2 çQçM T?ÄM; p'M K" `MM; ? i +ª KbM?
pšM ç T i` B Q B T?QM; M?Q i? X

Zm v HçB F?€+? bçMX .QÆM; Gç+ Î bªM? +?ì çÊB +¬X oW i?'v +¬- M? i ç½ `®B

ósBM H¶B +¬- i¬B F?¬M; #B i +?²M; +¬ H" h`-M h`ç+? ô

M? i M|B ó+?²M; +¬ H" h`-M h`ç+?ô- iS+ H" M? i #B i h`-M h`ç+?- ? v H" M? i
h`ç+?\

¬ +QìB M?çiX ó| TªB H¶B +O M? ç•mX ob i¬B F?¬M; M|B KbM? ç½ +| +?²M; ç

óh¬B i?"M? i?"i tBM H¶B5ô

æ M i-M; ? B KQÆB b€m- ? B M; QìB +MM; #QÈ+ ` M; Q"BX

ó.M b Q M?ì +| M? K" i¬B ç½ ``i p mB i`QM; K'v M;"v [m 5ô *¬ +QìB +QìBX

óæWM; M|B p"v5ô M? i pšM H)Q ç)Q i?2Q +¬X óZm2M #B i +¬ i?U+ bU ô

.QÆM; Gç+ ç M; M|B #¶M; /QM; ;B¼M; M?Ä /-M `²B BK ?ŠMX *¬ [m v b M; M?bM
?QÈM; p T?Q i`QÈ+- M?bM +| p bÊ b iX

*¬ iÁ KÁ M?bM i?2Q €M? K„i +O .QÆM; Gç+ i?b i?'v K°i M; QìB ç" M ¬M; çSM; /
?"M; H M;X ob #` +`M M M +¬ F?¬M; M?bM `ä M; QìB FB H" B M?QM; ç½ Hì Kì çQ

óL; QìB [m2M +O M? ``ô *¬ ?ÄB- M?2Q K„i ç M?bM `ä ?ÆMX

óE?¬M; G¨ h¬-M h`¢+?X h¬B i¬B ¢B i`QÊ+ ¢•v5ô "QÊ+ +?•M M? i i`Î M M p°B p

L;?2 i?'v +€B i M ¢|- +¬ F?¬M; M;¢+ M?B M H„K- pb ¢½ +?m~M #` iBM? i?-M iW i
;-M- HÁM; +¬ H¢B +¬M; `®B `„K ?ÆMX

*¬ +9B ¢-m- ¢ +€B Kk HQÐB i` B K¨m ¢2M +?2 ? i K†iX E?B ¢B M; M; [m M;Q`B
`i F?)X \*¬ F?¬M; ¢ w ¢ M M?- i?Á i v `9i i? iW Î i9B [m-M T?Q b m- KÎ+Y p¨Q
+¬ p¨Q M?¨- M? pšM ;B[BK H†M;X

*ªK i?'v bU i²M i¢B +O M? [m€ M;°i M;¢i- +¬ ¢¨M? T?ªB KÎ HÎB i`QÊ+ ¢ T?€ pÐ
M¨vX ó*| +?mv M ;b F?¬M; \ô

ó:BªB i?Q+?5ô M? ¢SM; b m HQM; +¬- M|B K°i +€+? H¢M? HMM;X

ó M? M;?o i? M¨Q i?b H¨ i? 'v5 L;?o K†i +?[- F?¬M; +| M°B ?¨K ;b +ª5ô *¬ `|i +?
WM; U+X a m ¢|` ;? b¬ T? M;²BX

M? ¢ M M;²B # M T?ªB +¬- pšM +?Q +?`m #m¬M; i? X óL|B `ä¨¨M; ` t2KXô

ó M? F?¬M; ¢¼+ K'v #bM? Hm¨M €+ w i` M K¢M; ``L;Q`B i ¢•m +| #B i`^M; M? +
i ¢½ Hv ?¬M p¨ ¢B m i¬B H¨K H¨ ?Q¨M iQ¨M ?ÊT T?€T ô *¬ +Q`B iU ;B mX

ó B M|B +?9M; i ¢½ Hv ?¬M \ô M? M?Qm K¨v- +ªK i?'v ? B iW M¨v T?€i` iW KB M

ó M? F?¬M; M?bM i?'v H€ ¢ÆM i¬B ¢ i` M #¨M `` > v M? +ÁM iB + F?®B i¨B bªM

h¬-M h`¢+? bB i +?†i M„K i v- M? FB K +? ?ÆB i?Î iS+ ;B¨M +O KbM?X _²B M
Kk HQÐB i` B +O +¬` - M?bM +?,K +?,K p¨Q K†i +¬X ó1K M|B pÊ p~M +€B ;b p¨v\

ósBM M? +~M i?"M ?¨M? ¢°M; +O KbM?- ¢WM; +| iMv iB M +?¢K p¨Q M;Q`B F?€
t•K T?¢K +Æ i? ¢'v5ô *¬ HB + M? K°i +€B- M;²B /`+? b M; i`€B K°i +?9iX

óh¬B +?¢K p¨Q pÊ KbM? K¨ +kM; #` FB M\ >Y\ô ¨¨M i v M? bB i H'v +€M? i v +¬
iÊMX

óh?b ` H¨ M? iB + F?®B i¨B bªM +O # i¬BX h?¬B ¢QÊ+ `²B- i¬B b) F m ¬M; 'v
M?- M? pW HÁM; +?Q \ô "¢+? J°M; E€ M? +? K°i # M F?|2 K¬B H MX

óh¬B F?¬M; i?B m iB MXô M? ;^M iWM; +?[- ¢¬B K„i ¢Ä `U+ pb ;B¨MX óh¬B Km®M

*¬ T?€i #U+- ;B^M; i v KbM? F?ÄB i v M?X ó:B^B i?Q+? +?mv M ;b\ *?mv M Hv ?-
.QÆM; G¢+\\ô

M? M?,M K†i- F?¬M; i`^a HÌBX

ó_ä ``M; M? #B i +•m i`^a HÌB- b Q +ÁM ?ÄB H`K ;b\ L?bM i?'v i¬B #` M;QìB i +`
F?¬M;\ > v Km®M ¢ M ¢ t2K i¬B i? i?^aK ¢ M KS+ M`Q\\ô >®+ K„i +¬ +?S ¢-v MQÊ
M? +?Q i?'v # Q ;BÌX

M? i`€M? €M? K„i +O +¬ pb +^aK ;B€+ i°B H¶BX ó\*?ÆB ¢O `^2B i?b p ¢B ô :B¼M;

*¬ F?¬M; i`^a HÌB- ?¼ H¢B `ÆB p`Q F?Q^aM; H†M;X

J°i H9+ H•m b m- M? #¶M; H M iB M; i`QÊ+X ó M? +?Q FQ ¢ÆM Hv ?¬MX :B[M
;b +^a ô

æ¬B K„i +¬ F?¬M; ?B M ` #'i Fb +^aK t9+ M`QX óE iW H9+ M? ¢B ibK +¬ 'v i?b ¢®
? v F?¬M; i¬B +kM; ¢½ #m¬M; tm¬B `^2B5 L m ¢½ MìB tQM; i?b M? p ¢BXô

óa Q 2K +S +® +?'T M?Q p"v\ M? ¢½ MìB H` F?¬M; +ì ;b- 2K Km®M H`K [m€ H M p
#`M i v- +QM M;QÆB +O M? ¢-v M?[M; iB K€m ¢ÄX

"¢+? J°M; E€ i?Î` K°i ?ÆB- +¬ pšM ;B[p /YM; /QM; M?Q p"vX óJ F +O 2K Mì
M`v F?¬M; +ì ;b i?m°+ p K`v +^a- #` M;QìB i +QÊT K'ii?b M;Q M M;Q½M i?^a i v`
H¢B i?b +?d #` ¢Si i v K` i?¬B- +?Q #B i +?WM; +ÁM #` M;QìB i ¢•K +?Q +? i5ô
¢ì- +?Q M M #•v ;BÌ 2K #m¬M; #Ä ô

h•K i`¢M; +O h`¬M h`¢+? K¶B H9+ K°i i ?ÆMX M? bÊ ``^M; M m KbM? +ÁM î ¢•
F?¬M; #B i +ÁM FB K +? M¶B F?¬M;X

E?B +?m~M #` Kî+Y ` p - h`¬M h`¢+? +?Êi M?È` ;b ¢ì- M? [m v H¢B MìB pÈB +
p M?` K°i +?mv MX \*?Q /M +ì Km®M Hv ?¬M +kM; T?^aB MìB `ä ``M; J B i¬B +?Q

a m F?B +€M? +Y ¢QÊ+ ¢ìM; H¢B- +¬ i?Î; 'T K'v +€BX *ì M? î +¢M? H`K +¬ F?-
KÊB F?B M #^aM i?•M +SM; ``M ¢QÊ+ M?Q p"vX

"®M ;BÌ +?B m ?¬K b m- "¢+? J°M; E€ H M +?B + t2 K` h`¬M h`¢+? +?m~M #` +?Q
M?` ¬M; "¢+?X G9+ #QÊ+ tm®M; t2- +?•M +¬ ?ÆB `mM ``~vX

h`î H¢B +,M M?` pÈB # Q M?B m +^aK t9+- K` T?¬M HÈM H` FBM? bÊX

Zm^a M?B M- M;QÌB H"K i`QM; M?" ç½ çQÊ+ ç´B- +?d +ÁM H¢B K¶B #€+ S?9+ i?Ê

óE€ ç´v " +?€m\ô "€+ S?9+ ç +•v FûQ p"Q i9B ç2Q # M ?¬M;- iÁ KÁ M?bM +¬X

*¬ FûQ +†T FQM? K€i +?Q p"Q i9B t€+?- +QÌB i?•M i?B M pÈB +?9X ó*QM +?"Q #

"€+ S?9+ ?ÈM ?Î i?€Q +^a ;,M; i v H"K pQÌM ` X ó>ÆM +<sup>a</sup> +?K+ M,K `²B KÈB ;†T H +ÁM tBM? ç T M?Q p"v5ô

ó.¢- +QM F?¬M; i? p i?,K #€+ i?QÌM; tmv M çQÊ+- i?"i M;¢B [m€5 *¬ p" K´v 2Kp

óošM F?Ä2X hKB M?|+ #•v ;BÌ HÈM +^a `²BX >¬K M"Q +QM ;?û M?" +?9 +?ÆB- ? M;QM H„KX "€+ M?È M;"v #û +QM i?Q+? ,M ç"Q M?'i- ç #€+ ç2K +?Q +QM K°i Qi5

*¬ ;"i ç-m H´v H - pb iW M;"v K K´i- +¬ F?¬M; +ÁM i?Q+? K|M ç"Q M;•K M[5 h`Á tBM T?ûT p"Q M?" ;†T ¬M; "¢+?X "€+ S?9+ /9B p"Q i v +¬ p"B [m<sup>a</sup> H M?Ä- #<sup>a</sup>Q `^ M,K- #•v ;BÌ KÈB +| [m^a- +ÁM H" çÊi [m^a ç-m iB M- F m +¬ ,M H´v p`X \*¬ #Ä +?9M iB M; `²B #QÊ+ p"Q M?"X

E?B #"M i v +?¢K p"Q M„K +Y - +¬ F?) `MM; KbM?- F?¬M; #B i #^aM i?•M T?^aB +?"

æSM; i`QM; +,M M?" + Q HÈM- M?[M; FQ S+ M?Q i?QÊ+ T?BK [m v +?"K- ?B M ` +O +,M M?"X

æ°i M?B M +| K°i ;B¼M; M[p M; H M- ``i HÈMX óJ - ` t2K +¬ /•m KÈB p Fb 5ô

æ| H" h`QÆM; L;•M :B B- +QM `B M; +O #" S?MM; >^aB- iS+ K F +O +¬X óJ t2K +| F?€+- ,M K†+ H¢B +| i? tm tÁ ç M p"v5ô

" S?MM; >^aB iW i` M +¬m i? M; #QÊ+ tm®M;- HB + M?bM +¬ K°i HQÊi `²B M|B ç ;B[çQÊ+ +?²M; H•m ç•m- +?ŠM; K´v ?¬K M[H¢B #` M;QÌB F?€+ +QÈT K´i i?¬BX \* `m²M; #Ä M|- K F?¬M; ?B m b Q M| +ÁM b®M; çQÊ+ M[5ô

*¬ iWM; F?|+ ``i M?B m H-M i`QÊ+ K†i K +QM #" i - H9+ ç| ?¼ ç½ M|B M?[M; H M?bM +¬ F?|+ - ?¼ +"M; ?^a ? ?ÆMX

ó" i¬B ç•m\ô *¬ ?ÄB K°i +€+? H¢M? M?¢iX

óa Q\ Jm®M +?¢v p H"K Mkm; pÈB # " \ *¬ M;?o KbM? [m K†i çQÊ+ K +QM i¬B #QÊ+ ç M # M +¢M?- /MM; M;|M i v ç~v K´v +€B p"Q p B "¢+? J°M; E€X

*¬ HMB p b m p" B #QÊ+- i`€M? MûX óæWM; +?¢K p"Q i¬B5ô

*¬ +`M; M?`M- +¬ i +`M; H"K iÊB- pšM iB T iK+ ç~v +¬X

"¢+? J°M; E€ #` ç~v ç M F?¬M; +ÁM çQìM; HmB- +¬ [mÆ i v +?®M; H¢B- p¬ iB M? F
H Q¢M; +?Q¢M; i` M ç¬B ;B"v + Q ;|iX

*¬ çQ i v ` ç`M? çĐ i?b M?"M çQÊ+ K°i +€B #¢i i B ç m çB M; X "" S?MM; >ªB H¢E
HÌB i?¬ iK+ /"M? +?Q +¬X *kM; M?ì +€B #¢i i B ç| K"i?QM? ;B€+ +O +¬ M çB- +¬
K„M; M?B + 'vX

J€ # M T?ªB M|M; `€i- b m ç| i`mv M ç M i B- +ª K°i # M K†i /QìM; M?Q bQM; i'v H

"¢+? J°M; E€ +?¢v çB- H-M M"Q +kM; i? - +¬ +?d #B i i`®M i`€M?X _ F?ÄB +Y
+| i•K i`¢M; çSM; H¢B +?"Q ?ÄB- +S i? #QÊ+ i?šM; X L?QM; F?B ;-M ç M +´M;- +

ó1K çB ç•m\ô M? ;B[+¬ H¢B- M?bM ;B¼i MQÊ+ F?) `ÆB i` M +´ i v €Q +O M?- ?

*¬ Mm®i F? M- +® H"K +?Q ;B¼M; çQÊ+ iU M?B MX óE?¬M; +| # 2K ÎM?" ç•m- M
H¬B +€B FQM? `•K i`QM; i9B t€+? ` - K M; p"QX

h`-M h`¢+? Km®M ?ÄB ;b ç| M?QM; F?¬M; #B i M M ?ÄB i? M"QX M? M?bM +¬ +
KbM? #^M; +†T FQM? p" K€B i|+ /"B K" i`QM; HÁM; `i F?| +?`mX ó M? çQ 2K p X

h`€B pÈB /U çQ€M +O M?- +¬ H¢B ;"i ç-m ç²M; wX

L?bM +¬ K°i KbM? #QÊ+ p"Q F?€+? b¢M- h`-M h`¢+? +?d Km®M ;B[+¬ H¢B- M?®
M? +ªK i?'v M iQ" M M?'iX

L;`v ?¬K b m- M? i`U+ iB T ç|M +¬ p M?" ¬M; "¢+?X E?B t2 H, M #€M? p"Q F?m-
ç w i?'v #`M i v +¬ p¬ i?S+ çQ H M +?¢K p"Q K€ T?ªB- #ì p B F?) `Ki H¢BX

h`-M h`¢+? çB i`QÊ+ ;B[ +Y +?Q +¬- +¬ M?bM p"Q i`QM;- t€+ M?"M ¬M; "¢+? ç
KÈB #QÊ+ p"QX " M +¢M? ¬M; i /o M?B M H" S?MM; >ªB p" h`QÆM; L;•M :B BX

ó> B çS ç M `²B " \ô "" S?MM; >ªB +QìB M;¼i M;"Q- ;B¼M; #` i i?"i bU `i ? vX

M? p•M; /¢ K°i iB M;- M;²B ç®B /B M pÈB ? B M;QìB ?¼X "¢+? J°M; E€ pšM +9B I

ó*QM i` B- +?mv M +O J°M; E€ [mª i?"i tBM H¶B +QM- H" i /¢v /¶ F?¬M; i®i +QM
«M; "¢+? KÎ HÌBX

óE?¬M; b Q- +QM ?B m iQM? pÊ +QMX *¬ 'v +?d pmB M?'i i?ÌB i?¬B5ô M? i`ª HÌ

ó*?` 'v p®M i`-K iQM? M?Q p"v- 2K F?¬M; M;?o H" pmB M?'i i?ÌB ¢•m ô h`QÆM; L

*QM ;€B pW M¡B tQM; - #¨ S?MM; >ªB ¢½ [mÎ i`€+? +QM ;€B- H"K M?Q K°i #¨ K F
+?²M; X óæWM; M¡B #"v5 J°M; E€ F?¬M; TªB p"v ¢•mX § ¢9M; `²B- ?¬K i`QÊ+ K
?ÊT pÊB +QM- H M T?ÁM; K t2K M?û5ô

óE?¬M; +-M ô :B¼M; +-`'i M?Ä- /QÌM; M?Q ¢ M; bÊ ?½BX

«M; "¢+? F m #¨ S?MM; ¢½ +¡ w i®i- +- F?¬M; M?"M i?b F€ H„K- M M +- TªB i?2O

L;²B M¡B +?mv M K°i H9+- h`-M h`¢+? +ªK i?'v #'i MX M? M¡B Km®M ¢Q +- p M
pB M +Ê ¢ H M t2K +- i? M"QX «M; "¢+? ¢²M; w- +ÁM +?d T?ÁM; +O #¨ S?MM; +

M? ¢`M? ;ä +Y i?2Q T?ûT H`+? bU- M?QM; Km®M #B i`®i +m°+ H" B H"K +- #`
M;?2 M;¡M;X " M i`QM; +?d iQ" M HÌB K„M; M?B + +O ? B M;QÌB T?K M[FB - ¢ M
M? F?¬M; i? ¢SM; v M ¢QÊ+ M[X

*€M? +Y #"i KÎ- ? B M;QÌB T?K M[FB ;B"i KbM? [m v H¢B M?bM- p K†i +U+ Fb ;

óoÊ +QM H"K ;b +¡ H¶B pÊB K ``ô M? ?ÄB K°i +€+? H¢M? HMM; - #QÊ+ ¢ M # M +

óh¬B +?d ¢ M; /¢v /¶ +QM #û K°i +?9i i?¬BXô "" i F?ûT MûT- F?¬M; /€K ¢®B /B M

h`-M h`¢+? ¢†i i v H M p B"¢+? J°M; E€- #¡T M? X ó*€+? /¢v /¶ +O M?" ?¼ "¢+? i
HU+ M?Q p"v +?„+ K i H„K5ô

"¨ S?MM; +QÌB ;QÊM;X

M? ¬K p B FûQ +- ¢BX J v K„M i? M"Q K" H-M M"v +- H¢B F?¬M; F?¡+- K†i +?d

.šM "¢+? J°M; E€ ¢ M i`QÊ+ K†i ¬M; "¢+?- M? +® w pm®i p2 K°i # M K€ BM `ä
S?MM; >ªBX ó«M; "¢+?- +?9M; i ¢ m H" M?[M; M;QÌB ?B M ¢¢B- F?¬M; M;Ì`^M; ;
¢€M? ¢"T ¢ ;B€Q /K+ +QM +€BXô

«M; "¢+? F?| ?B m M?bM M?- `²B H¢B M?bM +QM ;€BX h?'v p i ç Ä ç Ä # M K€ +
ó*?mv M ;b p"v\ Jfi +QM b Q i? \ô

ó"" S?MM; +?d [m i M? K°i +€B i?¬B- F?¬M; M;ì H¢B bQM; iQ ç M p"v5ô M? M|B
óL m ç½ F?¬M; /¢v çQÊ+ i?b +S ;B Q +?Q +QM- pÊ +QM ?Q +kM; /Q +QM +?B m K
M"v- çWM; +| ç°M; i v +?•M pÊB +¬ 'vXô •M? K„i +O M? ;?BK p"Q ? B M;QìB ç" M #

a m F?B h`-M h`¢+? çQ "¢+? J°M; E€ çB- ¬M; "¢+? `i iS+ ;B"MX «M; ` H M? +
S?MM; >ªB- +ÁM M|B ?¼ TªB çB tBM H¶B pÊ +?²M; M;QìB i - F?¬M; M?[M; i? ¬M
? B M;QìB F?¬M; i? v ç´B i?€B ç° pÊB "¢+? J°M; E€X

99X *?QÆM; ke, *?QÆM; j

J M; i?2Q ;QÆM; K i KÄB i`î p M?" p"Q b€M; ?¬K b m- h`-M h`¢+? i? KbM? b) F
TªB #m²M HÁM; pb +€B i M h¬ æ M h? M? K°i H-M M"Q M[X

M? ç½ M;?o i`,K M;"M +€+? ç tBM H¶B +¬- M?QM; K¼B i?S /QìM; M?Q ç½ [m€ K
oW p"Q +Y - +€B p HB M^K ;B[H®B çB F?B M M? idM? i€Q ?ŠMX M? M?bM +€
i` M ;? b¬ T? [m v HQM; H¢B pÊB M?X

L;?2 +| iB M; ç°M;- "¢+? J°M; E€ [m v H¢BX *¬ #QÈ+ p T?Q M?- M|B K'v +•m H
Fw +O M? M[H" ?Q" M i' i?O iK+ Hv ?¬MX L m M? #"M 2K +| i? K M; çÆM `i
i•K- 2K F?¬M; çÁB #²B i?QìM; ;b +ªX æÆM 2K ç i` M #"M- M? t2K F„ çB- +| i?„
Hm"i bQ +O 2K- 2K +| ;?B b® ¬M; 'v T?Q i` MXô

h`-M h`¢+? M?,M K"v- M? ;B[i v +¬ H¢B F?B +¬ HQÈi [m M;QìB M?X óv ;b ç•v
F?¬M; K M; ` çM çQÊ+ ç•m5ô

óL m M? bÊ 2K HW ;ç i i?b ? M M;"v ` iÁ çB- 2K F?¬M; #"M ;b +ªXô *¬ #bM? i?ªM
ó1K F?¬M; M Kfi # KbM? K" bmv M;?o H¢B "\ô M? ;B"i +¬ H¢B- ç +¬ ç®B /B M p
ó*?9M; i +| i? +?B i v i`QM; BK H†M;X L m M? bÊ #` i?m H¶ ;b ç| i?b v M i•K
+?mv M +?9M; i Hv ?¬M ç•mX *?d H" p Kfi T?€T Hw +?9M; i F?¬M; H" ;b +O M?
pÊB B- H" +?mv M +O +€ M?•M M;QìB ç|Xô

ó1K i?U+ bU Km®M p"v b Q\ô M? M?bM i?ŠM; p"Q K„i +¬- +¬ ibK K°i +?9i v m çm

óG" M? ûT 2K TªB H"K p"v5ô L|B tQM;- +¬ FûQ p HB #QÈ+ ` F?ÄB +Y - F?¬M; [

h`-M h`¢+? çSM; M;•v ` ç| K°i H9+- M? H¢B ;¬M +€B #"M i?'T- +¬K iì ;B'v i` M #
?¬Mö BM ç"K i` M i` M; ;B'v F?B M i`€B iBK M? i?„i H¢BX M? pÁ iì ;B'v- MûK M|

"¢+? J°M; E€ #„i i tB ç M M;Q¢B ¬i?"M? T?®X *¬ i?m K°i T?ÁM; HÈM Î F?m M;?
iB M ?"M; i?€M; ¬M; "¢+? ;YB +?Q +¬ çO +?Q +¬ iB m t" B i?QªB K€B F?¬M; HQ M

Zmv i ç`M? Hv ?¬M ç M `i M? M?X L; v F?B Hm"i bQ ;YB +?Q +¬ #ªM bQ¢M ç-v ç
M; v H"TiS+X æ M #•v ;Bì +¬ pšM F?¬M; ?®B ?"M pÊB [mv i ç`M? ç|X *?d H" M?b
+¬ H¢B M?È h`-M h`¢+? / /B iX X X

*¬ #B M K'i b m®i K'v M;"v HB M M?QM; +?ŠM; B ? v #B i- #¢M # F?¬M;- M;QìB

hW M; "v ¬M; "¢+? +| ibM? M?•M KÈB- ¬M; F?¬M; +ÁM [m M i•K ç M K +QM +¬ M[X
¬M; +ÁM +?ŠM; +?Q +¬ iB M ç Km pû K€v # v p /U i M; H +O K X *?d ç M F?B
+¬ KÈB /€K #"i F?|+ i`QÈ+ T?¬M +ÁM H¢B +O K KbM?X L, K ç| +¬ KQìB b€m im´E
E?QªM; i?ìB ;B M b m- /QìM; M?Q +ªK i?´v +„M `Si HQÆM; i•K M M ¬M; ç½ ;YB `´
+?Q +¬- +?d H` +¬ F?¬M; i?B i i? ;b K|M iB M ç| M[X
o T?¬M +¬ ibM? M?•M #û M?Ä +O ¬M; "¢+?- #` i +MM; +QM ;€B `B M; +?d +?,K
¬M; "¢+?X am®i M;`v tm M`M? ¬M; "¢+?- b m HQM; ¬M; i?b ?„i ?OB "¢+? J°M; E
K°i M;QìB ç`M ¬M; K` +kM; F?¬M; ;B[çQÊ+X *¬ v m çm®B- F?¬M; i? M|B H¢B ;b
a m ;¬M ? B im¬M Î MÆB t H¢- +¬ [mv i ç`M? [m v p i?`M? T?®X *¬ H¢B i?m T?
ç•v- +¬ [m2M çQÊ+ K°i M? +?`M; F?€ çB M i` BX
a m p`B H¬M #„i ;†T M? m Î ?`M? H M; F?€+? b¢M- M? i KÈB #„i +?mv M pÈB +
+€+? +¬ K°i T?ÁM;X
ó1K F?¬M; +| M;QìB i?•M Î ç•v ``\ô M? +?`M; ç T i` B ?ÄBX
óE?¬M;X 1K +?d +| K°i KbM?5ô
Zm ibK ?B m- M? i ;BÈB i?B m KbM?i M .QÆM; G¢+- H` ç¢Q /B M i` KÈB M´B ;
Q M?B m #`B + iKM;X J´v M;`v b m ç| - M? i Hm¬M çB +MM; +¬- p` ?bM?ªM?
H M #€Q- F K /ÁM; iB m ç `´i HÈM ð`¢M; €B ç¢Q /B M i` ? v pÊ +O *1P\ô
o` H¬M ç¬m iB M i`QM; M?B m M,K- çB M i?Q¢B +O +¬ M?"M çQÊ+ `´i M?B m +m°
M?"M +m°+ ;¼B ç¬m iB M iW ¬M; "¢+?X
ó*QM ç M; H`K ;b p"v ?ª\ æ½ +| +?²M; `²B +ÁM +†T F pÈB M;QìB F?€+X *QM F?¬M
M;?o ç M #° K†i +O # +?S\ *QM H`K p"v i?b # #B i ,M M|B pÈB # M i?¬M; ;B i?
iB M; i?Î M†M; M i`mv M ç M ç¬m # M M`vX
óo"v i?b çWM; M|BX X Xô *¬ M|B H¢M? M?¢iX
ó*QM T?ªB #B i +QM M;QìB i F?¬M; i? ç¢T H M /Q Hm" M K` b®M; çQÊ+5 *QM X X
«M; "¢+? +9T K€v- +¬ M?bM M?[M; #bM? Hm" M €+ w i` M K¢M;X *?d #B i +QìB F?
h®B ç| - i` M K¢M; H¢B tm´i ?B M K°i çQ¢M T?ÄM; p'M h`¬M h`¢+? p pB +pÊ KbM
KÈB M´B- M? i`ª HìB ç¬v iU iBM p` ? i bS+ i?mv i T?K+X ó*¬M; iv +?9M; i¬B ç M
+O ç¢Q /B M .QÆM; G¢+- pÊ i¬B +?`m i`€+? M?B K T?Q bªM tm´i M M i?QìM; t
+?²M; +?9M; i¬B pšM `´i i®iX JQM; K¼B M;QìB çWM; ?B m H¬K +¬ ´vXô
L[T?|M; pB M H¢B ?ÄB iB TX ó M? F?¬M; i?´v ;?2M F?B +¬ ´v ;†T ç¢Q /B M .QÆM
h`¬M h`¢+? +QìB /`m /`M; - MK +QìB t| #Ä K¼B M;?B ?Q†+X ó*¬ ´v b®M; Î MQÈ+
?ÆB i?Q€M; - +?Q i? [m2M pÈB T?QM; iK+ ;Á #| +O +?9M; i X h¬B +?d Km®M +
i?´v i?QªB K€BX *ÁM +?mv M ;?2M im¬M; i?b çQÆM; M?B M T?ªB ;?2M `²BX h¬
#`M +?mv M tQM; ç +MM; p M?"- M?Q p"v KÈB v M i•KXô
GìB H'T HB T i?"i bU [m€ tm´i b„+X *¬ p¶ i v i€M i?"M?- i?B m çB m çSM; /"v F?2
G9+ ç| +¬ ç M; Î i`QM; [m€M ;` +?B M- M;?2 çQ¢M T?ÄM; p'M K``MM; ? i +ª KbM?
pšM ç T i` B Q B T?QM; M?Q i? X
Zm v H¢B F?€+? b¢MX .QÆM; G¢+ Î bªM? +?| çÊB +¬X oW i?´v +¬- M? i ç½ `®B
ósBM H¶B +¬- i¬B F?¬M; #B i +?²M; +¬ H` h`¬M h`¢+?X X Xô
M? i M|B ð+?²M; +¬ H` h`¬M h`¢+?ö- iS+ H` M? i #B i h`¬M h`¢+?- ? v H` M? i
h`¢+?\
¬ +QìB M?¢iX ó| T?ªB H¶B +O M? ç•mX ob i¬B F?¬M; M|B KbM? ç½ +| +?²M; ç
óh¬B i?"M? i?"i tBM H¶B5ô

æ M i-M; ? B K Q Æ B b € m- ? B M; Q Ì B + M M; # Q È + ` M; Q " B X
 ó . M b Q M ? Ì + | M ? K " i - B ç ½ ` ' i p m B i ` Q M; K ' v M; " v [m 5 ô * - + Q Ì B + Q Ì B X
 ó æ W M; M | B p " v 5 ô M ? i p š M H) Q ç) Q i ? 2 Q + - X ó Z m 2 M # B i + - i ? U + b U X X X ô
 . Q Æ M; G ¢ + ç M; M | B # ¶ M; / Q M; ; B ¼ M; M ? Ä / - M ` ² B B K ? Š M X * - [m v b M; M ? b M
 ? Q È M; p T ? Q i ` Q È + - M ? b M + | p b Ê b i X
 * - i Á K Á M ? b M i ? 2 Q € M ? K „ i + O . Q Æ M; G ¢ + i ? b i ? ' v K ° i M; Q Ì B ç " M - M; ç S M; / U p
 H M; X o b # ` + " M M M + - F ? - M; M ? b M ` ä M; Q Ì B F B H " B M ? Q M; ç ½ H Ì K Ì ç Q € M ç
 ó L; Q Ì B [m 2 M + O M ? " \ ô * - ? Ä B - M ? 2 Q K „ i ç M ? b M ` ä ? Æ M X
 ó E ? - M; X X X G " h ` - M h ` ¢ + ? X h - B X X X i - B ç B i ` Q È + ç • v 5 ô " Q È + + ? • M M ? i i ` Î
 L; ? 2 i ? ' v + € B i M ç | - + - F ? - M; M; ¢ + M ? B M H „ K - p b ç ½ + ? m ~ M # ` i B M ? i ? - M i W i
 ; - M - H Á M; + -

98X *?QÆM; kd, GQM; G M? a|M; LQÈ+

h`-M h`¢+? F?¬M; ¢Q +¬ p F?€+? b¢M- M? ¢Q +¬ ¢ M # M #ì b¬M; - T?Q /QÈB

M? ?¢ FQM? tm®M; - ¢ ;B| HM p¨Q i?´B # v K€B i|+ +¬X

ó*ªK ÆM M?Xô *¬ i?b i?¬K- # M K†i pšM +ÁM ¢ mX

ó>Y\ô M? F?¬M; M;?2 `ä- ?ÄB H¢BX

ó*ªK ÆM ô *¬ M|B HÈM ?ÆM- [m v b M; M?bM M?X

ó*?mv M ;b\ô M? +® ibM? ?ÄB H¢B- pb Km®M M;?2 ;B¼M; +¬ M?B m ?ÆMX

ó*?mv M H9+ M½v- M? M|B ¢Ð ;B9T 2K ô æ¬m +¬ +9B i?'T tm®M; - M?bM +?^K +?

M? +QÌB M?¢i K°i iB M;X ó*| Km®M p M?¨ +?Q \ô

"¢+? J°M; E€ +„M K¬B- +¬ ;"i ¢¬m- MQÈ+ K„i #¶M; i¨¨Q `X " Q M?B m m'i S+ M?
K„i `ÆB t®B tª i` M ;QÆM; K†i ¢Ä YM; ¢ m M?S+X h`-M h`¢+? t|i t +?²K b M; ¬K
+O +¬- /¶ /¨M? `i H•mX

ó M? F?¬M; ¢ B #„i M¢i 2K M[¢•m- M? ?S 5ô

óa m M¨v ¢WM; p ¢| K°i KbM?- Km®M i?b ?½v ¢B +MM; M?5ô

óæWM; F?|+- M? t|i ô

óÍ +¢M? M?- M? b) +?,K b|+ 2K ô

hWM; HìB /¶ /¨M? +O M? tQ /`m i`€B iBK v m ¢m®B +O +¬X *?d +¬M M? KÎ HìB
+¬ M;WM; F?|+- +¬ F?¬M; F?|+ M[X M? #ªQ +¬ p pÈB M?- +¬ i?m /¼M ¢² ¢¢+ i?

*¬ M;?o `¨M; KbM? [m€ / /½B- M?QM; +| H) i` M ¢ìB M¨v M;Q¨B M? ` +¬ b) +?Š
F?€+X

h?|B [m2M bBM? ?Q¢i +O M? pšM M?Q i? - ;¼M ;¨M; M; ,M M„T ¢•m ` ¢'vX "¢+?
i?2Q H®B b®M; +?m~M KU+ 'v +O M?X

hW /¢Q ¢|- M? F?¬M; H `¬v +¬ M[ - +?d -K i?-K /¼M / T ¢®M; #W #°M +¬; •v ` pSi #W [m-M €Q ` b¨M- M? i„K b m- ;QK ¢² p¨Q ;BÄ ;B9T +¬X \*¬ ¢€ ;B¨v HmM; \*¬ HQìB #B M; F?¬M; +?`m b'v i|+- M? H¨K ;B9T +¬ o¨ iB id i?S M?Ä M?†i F?€+X

G•m /-M i¢Q i?“M? i?|B [m2M- +¬ Hm¬M , p¨Q M?X

*?mv M +?,M ;®B h`-M h`¢+? F?¬M; p°B p¨M;X M? #B i "¢+? J°M; E€ +ÁM M;-M iB T +¨M iW iWX L;O +?mM;- M? Hm¬M ¬K +- i?dM? i?QªM; ¢ÊB +¬ M;O b v H¢B K i`•M i`¼M;X

"¢+? J°M; E€ F?B M;O `¨i M;Q M- +| i? M|B H¨ M;O M?Q +? iX æ¬B H-M M? M^K +€B `ä ¢ m- p¨v K¨ +¬ pšM M^K v MX a€M; ?¬K b m M? M?bM i?'v p i iQK iQK Î +¢ b Q- +¬ +?d H„+ ¢-m tm i vX

ob Km®M ibM? +ªK i`Î M M # M +?†i ?ÆM- h`-M h`¢+? ¢Q +¬ ¢ M [m€M # `m®M;

óh?¬B- K'v +?¶ ¢|²M ¨Q- 2K F?¬M; i?Q+?Xô *¬ HQìB M?€+ M^K /¨B i` M ;? b¬T?

óo"v M? ¢B K°i KbM?\\ô M? M?QÈM; K¨v ?ÄB +¬X

Zmª M?B M +¬ #` M? #„i i?|TX L;?2 M? M|B tQM;- +¬ HB M M?ªv /UM; H MX óE?

>¨M? ¢°M; +O +¬ F?B M M? #¨i +QìB i?“M? iB M;- M;?2 `¨i ? vX

Í [m€M # ` - M? ? M h`-M h`bM? p¨ #¢M ;€B +¨m i ¢ M +?ÆB- b m ¢| +ÁM ;¼B +?Q

E?B M?bM i?'v K'v M;QìB #¢M +O M?- +¬ +?d #B i M;•v M;QìB ` M;„KX ó"¢M 2 +¨m +ªK i?'v K°i M? +?“M; ¢ T i` B- ¢WM; p°B [m2M M? i X h`QÈ+ iB M T?ªB iB ¨ ¢€K #¢M i?•M +O M? i pÈB +¨mX a m ¢| iU /Q +?¼M HU X u M i•K ¢B- M;QìB ¢ T i?•M ¢ T i` B ?ÆMXô L;šK M;?o i?b +¬ 'v M|B ¢9M; i?“i ô *¬ tmwi tQ X

M? HQìK +- K°i +€B i?“i b„+- M;„i KkB +-X óJm®M pQÊi iQìM; ``\ô

óæ9M; p"v- M? t2K- #¢M M? B +kM; ?'T /šM M?Q i? - Km®M pQÊi iQìM; H¨ ¢B KkB- Mû i`€M? +€M? i v M?X

M? M? +? K¬B- +QìB b•m t X óo"v pÊ M;QìB i +kM; M;?o i? pÈB M?- 2K ¢²M; w

*¬ ;B¨i KbM? HB + M?bM tmM; [m M?- [m M b€i id Kd iWM; M;QìB T?K M[i`QM; +, H M +?2 K†i M? H¢B F?B +| #'i +S B M?bM M?X ó1K F?¬M; +?Q T?ûTXô

hB M; +QìB +O M? +?¢v p"Q iBK +- - `i M;¼i M;"QX M? FûQ i v +- tm®M; - #'i M
F m `ä iQX "¢+? J°M; E€ #` M? ?¬M K"i î M M `Ki` M?Q +- ;€B KÈB HÈM +ªK i?'

>¬K ç! ?¼ +?ÆB `i pmB- ç†+ #B i H" +- +ÁM H"K i?•M çQÊ+ pÈB >¢ hmv i .mv M.
M?Q H" +?` 2K /•m- H"K i?•M i`QÊ+ ç FB K ç²M; KBM?X GĐ K B M"v h`-M h`¢+?
K" MQÆM; M?ìX

æ M F?mv - h`-M h`¢+? M?"M çB M i?Q¢B +O B ç!X E iW F?B M?"M +m°+ çB M
F?¬M; v MX

ó B i? \ô *¬ /U p"Q M;QìB M?- ?ÄBX

ó>ª\ §- F?¬M; +! ;b5ô M? i`ª HìB K°i +€+? i?B m iU iBMX

*¬ F?¬M; M?bM M?- #"M i v ç M p"Q i v M?- M„K `i +?†iX óh¬ æ M h? M? "ìô

*ªK M?"M çQÊ+ +Æ i? M? +SM; H¢B i`QM; p" B ;B•v- HÁM; +- ?ÆB +?MM; tm®M
H"K +- +?„+ +?„M çB m ç! ?ÆMX

óE 2K M;?2 çB5ô G9+ M"v +- KÈB M?bM M?- +QìB ;QÊM; ;¢QX

h`-M h`¢+? M?bM ;QÆM; K†i tBM? t„M +O "¢+? J°M; E€- i`€B iBK M? i?„i H¢B- M
iB M b m F?QªM; i?ìB ;B M +?B t - +- M!B ` +€B i M ç!X ó" M? pB M ;¼B ç M- ?
?mv i /¢ /"v- +-M M;QìB +?,K b!+ ô M? i?î /"B i?QìM i?QÊiX

*€M? i v ç M p"Q i v M? +"M; bB i +?†i ?ÆMX M? pÁM; i v ¬K ?ŠM +- p"Q HÁM; -

ó M? M?B m iB M M?Q p"v- +! i? i?m M;QìB +?,K b!+ +- 'v K"5 oÈB H¢B +ÁM +!
M? K½B i? \ô *¬ /KB K†i p"Q M;U+ M?X

ó:B çbM? +- 'v ç M; î MQÈ+ M;Q" B- +?d +! KbM? +- 'v p ç•v i?¬B5ô M? ?¬M H M
p" B +€BX

>¼ F?¬M; #"M p +?O ç 'v M[- M?QM; +- #B i M? pšM +ÁM ibM? +ªK pÈB +- ;€B
`i M?B m H-M- +ª iB M; i?î /"B +kM; i?"i M½Q HÁM;X M? F?¬M; M;O çQÊ+- +- M
v MX

L;"v ?¬K b m- "¢+? J°M; E€ /"v bÈK ?ÆM h`-M h`¢+? K°i +?9iX G9+ M? M;²B p"
i?S+ ,M` /o `²B ç~v +?Q M?X

M? +-K Km¶M;- t9+ K°i i?b b9T K" M?Q t9+ +^aK°i M;¬B M?"- `i M†M; M X L?bM J°M; E€ ?ÆB t|i- +- M;?o- KbM? F?¬M; i? +S Q+? F, M?Q p"v çQÊ+X

*¬ `|i +?Q M? Hv MQÊ+ + K- ç†i +€B Hv i` M #`M `²B [m v p"Q # TX *¬ M|BX ó M?

h`-M h`ç+? M;ç+ M?B M i°i ç°X ó1K M|B ;b\ô

ó M? ç M i?,K +- 'v çB- 2K F?¬M; b Q5ô *¬ +'i ?°T MQÊ+ + K p"Q iO HçM?- çSM; #B i M M ç†i M|Î ç•m KÊB T?ªBX

M? M;"T M;WM; p"B ;B•v- +S "K U K½B- +m®B +MM; +kM; KÎ KB M;X ó*|i? ç + ?¬K F?¬M;\ô h?'v +- BK H†M;- ;B¼M; M? p°B p½ ?ÆMX óE?B M"Q ibK çQÊ+ M;C çB M; v5ô M? çSM; b m HQM; +- - +?Ì çÊBX

a m p"B ;B•v BK H†M;- +- i?®i` K'v +?[X ó1K F?¬M; +| w FB MXô

h`-M h`ç+? +^aK ÆM +- `²B çB H"K M; v- i•K i`çM; +O M? +| p F?€ ?ÆM M?B mX

h?U+ ` +- F?¬M; i®i ç M i? X \*¬ +?d Km®M ç M? ç M i?,K +- ;€B FB K°i H9+- K M; +- i p M?"X L; v F?B M|B +•m óF?¬M; +| w FB Mô- i`QM; i?•K i•K +- ç½ i M?B m H-MX *¬ +?ŠM; F`T T?ªM SM; HçB #ÎB pb i?€B ç°pmB p +O M?X M? ç½

*ÁM h`-M h`ç+?X M? +kM; #B i +- ç M; F?| +?`m- M?QM; M? M;?o- M m M? F +?„+ +- F?¬M; F?| +?`m K'vX oÊB HçB #•v ;BÌ ibK M;QÌB +?,K b|+ Hm¬M i?QÌM; i .M b Q ç h¬ æ M h? M? p M?" KbM? p"B ?¬K- +?Q +- i i?'v pÊ +?²M; M? K†M M i?¬B Mm¬B ?B p¼M; pÊB M?- b m M"v F?¬M; H"K T?B M M[X

*?B m ç| - "ç+? J°M; E€ /¼M bÆM T?ÁM; F?€+? +?Q h¬ æ M h? M?X *¬ i +QÌB i? `i M?çIX

ó1K pW T?šm i?m"i- çWM; +Y ç°M; M?B m- +-M ;b i?b ;¼B M?Xô h`-M h`ç+? t€ iO- çÐ +- i M;²B tm®M; ;BQÌM;X

a„+ K†i +- i F?€ M?Êi M?çi- MQÊ+ / p®M i`„M; M v HçB +`M; i€B ?ÆMX óG"K T M|B- ;B¼M; `i M?ÄX

"ç+? J°M; E€ M?bM +- i - M†M` K°i MK +QÌBX óE?¬M; b Q ç•m5 \*?` çWM; M;çB

L|B i?b M|B i? - M?QM; +| K'v M;QÌB T?K M[HçB F?¬M; ç i•K F?B M?bM M;QÌB H T?K M[F?€+X G® #`+?- ç9M; H" H® #`+?5S?ÁM; +O ? B pÊ +?²M; ?¼ Î +m®B ?"M h? M? HçB M^K ;¬M +-m i? M;- ç +?Q iB M çB HçBX "ÎB p"v- Km®M p T?ÁM;- "

[m T?ÁM; +O h¬ æ M h? M?X

hW F?B +¬ i p M?"- h`-M h`¢+? Qi i`Á +?mv M +MM; +¬ ?ÆMX M? Hm¬M i9+ i`
+¬ i +¬M ;bX "m´B i®B M^K i` M ;BQÌM;- M? M;O F?¬M; v M- +S H,M [m H,M H¢
h? M?- M?QM; +?d M^K BK F?¬M; H M iB M;X *¬ bÊ- K°i F?B M? Î [m€ ;¬M +¬ i -
i? tªv` X

L;¬v ?¬K b m- h`-M h`¢+? M;?d ?ŠM Î M?" ç +?,K b|+ h¬ æ M h? M?X oB + K` i`Q
H`KX "¢+? J°M; E€ +ªK i?'v KbM? M?Q M;QìB i?W i`QM; M;¬B M?" M`vX *¬ pB M
ç i`®M` M;Q`BX

o®M /o Km®M ibK K°i +?¶ m®M; p`B +? B #B +?Q F?m•v F?Ä - M?QM; H¢B +?ŠM;
M? iWM; çQ +¬ ç M- [m€M # `iK i"TH-M i`QÊ+X

o`Q ç M +Y - M?•M pB M [mªM Hw ç½ p°B p`M; +?¢v` iB T ç|M +¬X h?'v +¬ çB K°
K°i KbM? ¢\ M? h`-M F?¬M; çB +MM; +?` b Q\ô

*¬ T?'i i vX óE?¬M;- M? 'v #"M- F m i¬B ç M ç•v +?ÆB +?Q i?Q i?ªXô

óo"v 2K FB K +?Q +?` K°i T?ÁM; M?û\ô *?"M; [mªM Hw F?QK M;QìB- çQ i v /šM ç

óæQÆM; M?B M`²BX \*?Q i¬B K'v +? B`QÊm M;QM M;QM Hm¬M ç'v5 >| çÆM ô

*¬ +?Q F`T M|B- +"m i ç½ iB THìBX ó iQM? p`Q M? h`-M T?ªB F?¬M; ¢\ 1K #B

óE?¬M;- ?¬K M v i¬B iU i`ª5ô \*¬ K|+ i? M;•M ?"M; ` çQ +?Q M? i X

*"m +?"M; FB `i #B i çB m- +?Q +¬ ?ŠM K°i T?ÁM; HÈM- +ÁM M?B m H-M p`Q ?
#ªQ ç2K i? K +?Q +¬ K'v +? B`QÊm`²B çWM; H`K T?B M +¬ M[X M? +?"M; K M;
K¢M?`²B HmB` - b m ç| F?¬M; p`Q H`K T?B M M[X

"¢+? J°M; E€ M;²B m®M; K°i KbM?- KB M; H-K #-K K„M; h`-M h`¢+? p¬ i•K- ç +
tdM i? M`v- i`ìB i`,M; F?¬M; #B i M^K Î ç•mX \*¬ ;`Q i M M?- +¬ ?ûi i M h¬ æ M
K v [m v +m²M;-`²B M;½ b'T i` M ;? - #'i idM? F?¬M; #B i ;bX

æ M ;Bì +ÆK i®B K` "¢+? J°M; E€ pšM +?Q p - h`-M h`¢+? p`Q # T M'm K|M +?€
h? M? H|i /¢- +?ì +¬ p M'm +?Q ç`M; ?Q`M;X M? ;¼B K'v H-M K` +¬ F?¬M; M;?
+?mv M- Km®M çB ibK H¢B +?ŠM; #B i çB ç•mX :¼B çB M ?ÄB i`B t i?b M? i #
+?Q i?'v` X G9+ ç| M? `i ;B"MX *ÁM HÈM iB M; [m€i h¬ æ M h? M? K°i iB M; F

ó M? tBM H¶B ô M? pÁ ç-m- +S çB [m çB H¢BX

ó*! T?ªB +¬ 'v ;B" M 2K ô *¬ i M ;²B i` M ;? - çSM ; /"v çB p T?Q M?X

óæWM ; M ;?o HmM ; imM ;5 *¬ 'v ? K +?ÆB i?¬B5ô M? i`ª HìB [m HQ - i v M „K +?†

J½B ç M ?ÆM +?QM ;Bì i®B- çB M i?QçB +O M? KÈB ç´ +?m¬M ; - K" M ?bM? ?B M +m°+ ;¼BX ó1K çB ç•m +ÁM +?Q +?`m p \ô

ó M? h`-M ô h? v p b ;B¼M ; +O +¬- H B H" K°i ;B¼M ; M K- +! p `i FQM? bÊ M?

ó*"m H" B\ô M? M?,M K†i- ? B # M i?€B /QÆM ; +Q ;B"iX

ó1K M?•M pB M [m€M # ` M? ? v ç MX \*?` h`-M- +?` 'v m®M ; b v [m€ ô

L ;?2 + "m T?K + pK M!B K'v +?[ç!- # "M i v ;B[çB M i?QçB +O M? bB i +?†i HçB- ; i vX ó:B[+?Q +¬ 'v M iQ" M- i¬B ç M M ; vXô

h`-M h`ç+? +9T K€v- M? i9K H'v €Q F?Q€+ i`2Q i` M ;B€- ;¼B çB M +?Q i`B t `²B çSM ; M?Q i`ìB i`²M ; ;B[+,M T?ÁM ; - +¬ M ;Æ M ;€+ M?bM p"Q +€M? +Y ;¶ M†M ; M K" F?¬M ; M?bM HçB +¬ H'v K°i +€BX

*! H) +¬ ç½ Q+? F, F?B +?d #B i ;B[H'v h`-M h`ç+? +?Q `B M ;KbM?X a m iWM ; #Ä çQÊ+ çQçM i bM? v m M²M ; M?B i FB X í MQÊ+ M ;Q" B- +¬ ;†T p" F i?¬M #W [m®+- +! pÈB M? m K°i çS +QM ;€B- M?QM ; +¬ pšM M?È M?X L?È K¼B i?S i?m°- L ;?2 iBM M? F i?¬M- +¬ ç½ Km®M [m v p M ; v H"TiS+X \*¬ Km®M ç M i`QÊ+ K ?¬M\ L ;?o tQM ; - +¬ iU +QìB #ªM i?•M KbM? M ;m M ;®+- +?mv M M? F i?¬M ç•m H

:†T HçB M? b m # Q M?B m M,K t +€+?- i`€B iBK +¬ pĐ pKM F?B M?bM M ;QìB T ` KbM? ç½ #Ä HĐ çB m i®i ç T M?'i i`QM ; +m°+ çìB M"vX \*?d ç M ?¬K M v- +¬ +S M?- M?QM ; F?¬M ; - +¬ +?ŠM ; i? i? „M ; M´B +¬ ;€B FB X \*¬ F?¬M ; #B i KbM? T?ª +! i? çQ M? [m v HçB pÈB KbM?X h`Á +?ÆB M"v- p®M /o +¬ ç½ i?m F?B # „M h? M?QM ; +¬ pšM Km®M i?Y- i?Y i? K K°i H-M b m +m®B- `²B +¬ b) #m¬M ; i v-?

h`B t /WM ; t2 i`QÊ+ [m€M # ` - h`-M h`ç+? p°B p" M ; t¬M ; p" QX G-M ç-m iB M M? iQÆK i'i M?Q p"v- [m-M i? i? Q i®B K"m +MM ; €Q i?mM i` „M ; - F K €Q F?Q€+ /`B M?"T ; b pÈB M? m- +ÁM +?Q F ç¬B /ûT K M ; i`QM ; M?" K" M? +?Q F`Ti? vX

M? +?"M ; [mªM Hw F?QK M ;QìB çB i`QÊ+ +?d T?ÁM ; "ç+? J°M ; E€ i?m X ó\*?` 'v

óæQÊ+ `²B5ô M? M!B #^M ; ;B¼M ; HçM? HMM ;X

M? Kî +Y T?ÁM ; - ?ÆB HçM? iW # M i`QM ; M ç M F?B M # "M i v M? ?ÆB `mMX •

F?B i?'v +¬ M^K # T i` M ;? b¬ T? - i•K i`¢M; +O M? ?ÆB T?S+ i¢TX æ°i M?B M
#M tM M?bM ``i ¢€M; bÊX *€M? i v +¬ pQÆM ` - pÊB H'v +? B `QÊm i`QÊ+ K†i- M

ó"¢+? J°M; E€5ô M? ;¼B i M +¬- ;B¼M; M!B M?Q ¢ M; FB K MûM ? i KS+ w M;?o

*¬ M;?B M; K„i M?bM p T?Q M?- +Q!B M;~M M;ÆX ó>Æ ?Æ B FB \ a Q M? +S
i¬B t2K K†i M"Q5ô

h`-M h`¢+? M?,M K†i- M? #QÊ+ ¢ M M;²B F # M- ¢Ð +¬ M;²B H¢B +?Q M; v M;„M

*¬ pMM; p^M; ¢~v i v M? ` F?ÄB M;Q!B KbM?X óL"v i¬B +! +?²M; `²B ¢'v- ¢WM; -

M? #¶M; Km®M i` m ;? Q +¬X ó M? i ¢ 2K ¢B K°i KbM?- +! ¢€M; ;¼B H" +?²M; F

ó M? ¢WM; +! H"K #"v i¬B i¬B F m +?²M; i¬B ¢ M ¢!M ¢•v5ô *¬ ibK ¢B M i?Q¢B i
H M i BX o" B ;B•v b m- +¬ H-K M-K p" B +?[X ó M? 'v #"M `²B5ô *¬ i?ª ¢B M i?Q
M?X

óo"v M? ¢Q 2K p \ô M? ¬K +¬- +ªK i?'v i`Á +?ÆB M"v /-M i`Î M M i?9 p`X

ó> ? ? ? w FB M? vX > v M? p M?" i¬B Î Hm¬M ¢B- ¢ i¬B F?¬M; +ÁM H" M;Q
¢! M[5ô *¬ M'+ iWM; iB M;X ó*?²M; i¬B ¢ M; +?,K b!+ ibM? +k ¢'v M; v i`QM;
i¬BXô

ó ô

ó M? 'v +?„+ K i KÄB H„K i¬B i?b #m²M H„K ô *¬ H,M ` M;O M; v i`QM; HÁM; M

ó M? +kM; #m²M H„K5 "¢+? J°M; E€- M? tBM H¶B5ô

h`-M h`¢+? # +¬ ` F?ÄB [m€M # ` - ¢†i +¬ p"Q t2 `²B F m i" B t [m v p M?"X h` M
H-M ` b" M p" K°i H-M H M M;Q!B M?X

o®M H" K°i M;Q!B Q b¢+? b)- p"v K" H-M M"v M? K†+ F - pšM ¬K F?Q F?Q +¬ i`Q

E?B KÎ +Y p"Q M?"- h¬ æ M h? M? ¢ M; M;²B Î ;? ¢ÊB M?X h?'v M?- +¬ i ?ÄB
#` b Q i? \ô

*¬ i +?¢v ¢ M iÄ w Km®M ;B9T ¢Ð i?b #` M? ;¢i i v ` X ó1K p M;?d ¢B- M? HQ +

h`-M h`¢+? # "¢+? J°M; E€ M²M; M†+ KMB`QÊm HQÈi [m M; QÌB +- çB i?ŠM; H
K-B- +- +ªK i?'v 'K S+- M? +M; [m M i•K +- ;€B FB - +- +M; F?¬M; Km®M iW #

h`-M h`¢+? ç†i "¢+? J°M; E€ H M ;BQÌM;- M? H v +- /"v i? v [m-M €QX *¬ "K U H
+?`m idM?X M? ? i +€+?- çM? H'v F?,M 'K H m M; QÌB +?Q +- `²B i? v ;B9T +-
p`Q H`M / K K KQÊi +O +- M? MQM i?Î- ?Qi b•m p`B ?ÆB- FbK MûM ? K Km®M

"¢+? J°M; E€ KÆ K`M; idM? /"v ;B[ ç KX \*¬ HÁ KÁ p`Q T?ÁM; i„K- M?bM ;QÆM; K
i`QM; ;QÆM;X æ-m |+ +- i`®M; `¶M; F?¬M; M;?o çQÊ+ ;b M M ?²MX a m F?B ç`
+-m M;ŠK M;?oX *¬ F?¬M; #B i KbM? p M?" #^M; +€+? M`Q- p`i?€B ç° +O M?
M?È ç M h¬ æ M h? M?X

•M? çB M i`QM; T?ÁM; i„K ç€M? i?S+ h`-M h`¢+?X M? KÎ K„i [m v b M; ibK M;
F?¬M; +| BX J°i H9+ b m- M? M;?2 iB M; bKi bMB T?€i` iW T?ÁM; p bBM?X h
h`€B iBK M? [m†M i?„i H¢B- ç m çÈM +?ŠM; FûK ;b +-X

E?B +- [m v H¢B ;BQÌM;- M? ;Bª pÌ M;O- pÁM; i v FûQ +- p`Q HÁM;X *¬ F?¬M;
F?B M M? Km®M ç`K p`Q K†i KbM? ?ÆMX M? #B i KbM? ç½ H`K i´M i?QÆM; +-

h`-M h`¢+? /"v iW bÈK- M? H¢B HB M H¢+ pÈB i`mM; i•K ;BÈB i?B m pB + H`K
æ M h? M?- M?QM; +?ŠM; B +?`m M?"MX M? [mv i ç`M? i,M; KS+ HQÆM; H M
"B i i? M? ç½ M•M; H M iW ç-m- +QM M;QÌB ç9M; H`i? K H K5

a m F?B HB M H¢+ pÈB M;QÌB +?,K b|+ h¬ æ M h? M?- M? ibK +Æ ?°B M|B +?mv

M? ;ä ? B +€B p`Q +Y T?ÁM; h¬ æ M h? M?X ó M? p`Q çQÊ+ F?¬M; \ô

ó M? p`Q çBXô :B¼M; M|B M;¼i M;`Q /K ?Q†+ +O +- i`mv M` # M M;Q`BX

M? p`Q # M i`QM;- çSM; iU HQM; p`Q +€B #`M ;¬M +Y - M|BX ó M? ibK çQÊ+ M;C
M[M? çQ 2K p F?€+? b¢M5ô

*¬ #B i M;`v M`v i? M`Q +kM; ç M M M ç½ +?m~M #` bœM b`M;X E ?Q¢+? +m®B -

a€M; M v +- +® ibM? K†+ +€B €Q M;O ;ÊB +ªK- M;²B i` M;BQÌM; i`¬M; `i +m®M ?
+O KbM?- +- +ªK i?'v KbM? ç M; +?B K Qm i? - M m F?¬M; i`M /KM; Qm i? M`v
K½B K½BX

*¬ çSM; /"v- #QÊ+ iWM; #QÊ+ iU iBM i` M ç¬B +?•M i`¬M iB M p T?Q M?- /MM;
óh`-M h`¢+?- M? MĐ b Q\ô *ª +Æ i? +- €T b€i p`Q M;QÌB M?- +¼ [m +¼ H¢BX

óh`€M? ` 5ô M? ;-K ;WX E?¬M; /€K ç°M; p`Q +Æ i? +¬ pb bÊ +?¢K p`Q p i K´X ó
M? çQ p 5ô M? i?Î /`B K°i ?ÆBX óo'M ç Î ç•v H` +?9M; i ç½ +| ;B çbM? 1K
+| pÊ +O M? p` M? T?ªB +| i`€+? M?B K pÊB +¬ 'vX *¬ 'v #` i´M i?QÆM; pb +?
+?mv M ç| tªv` i? KH-M M`Q M[X M? ç½ ? i HÁM; pÊB 2K- M M b m M`v çWM; i
i®i`²B [m v p Jo- 2K +ÁM +QM 2K ô M? H€+? b M; K°i # M-` F?ÄB +,M T?ÁM; F

h¬ æ M h? M? +? i çSM; i¢B +?¶X *¬ i?´v t´m ?´ pb ?`M? ç°M; F?B m F?Q+? +O K
K M; H¢B F i [mª i®i ç T- K` +ÁM F?B M M? ;?ûi KbM? ?ÆMX "•v ;B`i?b +¬ i?U
i? MQm FûQ M[`²B5

9eX *?QÆM; kd, *?QÆM; 9

h¬-M h`¢+? F?¬M; çQ +¬ p F?€+? b¢M- M? çQ +¬ ç M # M #Ì b¬M;- T?Q /QÈB
M? ?¢ FQM? tm®M;- ç ;B| HM p`Q i?´B # v K€B i|+ +¬X
óªK ÆM M?Xô *¬ i?b i?-K- # M K†i pšM +ÁM ç mX
ó>Y\ô M? F?¬M; M;?2 `ä- ?ÄB H¢BX
óªK ÆMX X Xô *¬ M|B HÈM ?ÆM- [m v b M; M?bM M?X
ó*?mv M ;b\ô M? +® ibM? ?ÄB H¢B- pb Km®M M;?2 ;B¼M; +¬ M?B m ?ÆMX
ó*?mv M H9+ M½v- M? M|B çÐ ;B9T 2KX X Xô æ-m +¬ +9B i?'T tm®M;- M?bM +?´
M? +QÌB M?¢i K°i iB M;X ó*| Km®M p M?` +?Q \ô
"¢+? J°M; E€ +„M K¬B- +¬ ;"i ç-m- MQÈ+ K„i #¶M; i`Q `X " Q M?B m m'i S+ M?
K„i `ÆB t®B tªi` M;QÆM; K†i çÄ YM; ç m M?S+X h¬-M h`¢+? t| i t +?²K b M; ¬K
+O +¬- /¶ /`M? `i H•mX

ó M? F?¬M; ç B #„i M¢i 2K M[ç•m- M? ?S 5ô

óa m M`v çWM; p ç| K°i KbM?- Km®M i?b ?½v çB +MM; M?5ô

óæWM; F?|+¬ M? t|iX X Xô

óÍ +¢M? M?- M? b) +?,K b|+ 2KX X Xô

hWM; HÌB /¶ /`M? +O M? tQ /`m i`€B iBK v m çm®B +O +¬X *?d +¬M M? KÎ HÌ
+¬ M;WM; F?|+¬ +¬ F?¬M; F?|+ M[X M? #ªQ +¬ p pÊB M?- +¬ i?m /¼M ç² ç¢+ i?
*¬ M;?o `^M; KbM? [m€ / /½B- M?QM; +| H) i` M çÌB M`v M;Q`B M? ` +¬ b) +?Š
F?€+X

h?|B [m2M bBM? ?Q¢i +O M? pšM M?Q i? - ;¼M ;`M; M;„M M„T ç•m` ç´vX "¢+? .
i?2Q H®B b®M; +?m`M KU+ ´v +O M?X

hW /¢Q ç|- M? F?¬M; H `¬v +¬ M[ - +?d -K i?-K /¼M / T ç®M; #W #°M +¬ ;•v`
pSi #W [m-M €Q` b`M- M? i„K b m- ;QK ç² p`Q ;BÄ ;B9T +¬X \*¬ ç€ ;B`v HmM;
*¬ HQÌB #B M; F?¬M; +?`m b´v i|+¬ M? H`K ;B9T +¬X X X o`iB id i?S M?Ä M?†i F

G•m /-M i¢Q i?`M? i?|B [m2M- +¬ Hm¬M , p`Q M?X

*?mv M +?,M ;®B h¬-M h`¢+? F?¬M; p°B p`M;X M? #B i "¢+? J°M; E€ +ÁM M;-M
iB T +`M iW iWX L;O +?mM;- M? Hm¬M ¬K +¬- i?dM? i?QªM; çÊB +¬ M;O b v H¢B
K i`•M i`¼M;X

"¢+? J°M; E€ F?B M; O`'i M; Q M- +| i? M|B H" M; O M?Q +? iX æ¬B H-M M? M^K
+€B`ä ç m- p"v K" +¬ pšM M^K v MX a€M; ?¬K b m M? M?bM i?'v p i iQK iQK Î +
b Q- +¬ +?d H„+ ç-m tm i vX

ob Km®M ibM? +ªK i`Î M M # M +?†i ?ÆM- h`-M h`¢+? çQ +¬ ç M [m€M # `m®M;
óh?¬B- K'v +?¶ ç|²M`Q- 2K F?¬M; i?Q+?Xô \*¬ HQÌB M?€+ M^K /`B i` M ;? b¬T?
óo"v M? çB K°i KbM? \ô M? M?QÈM; K"v ?ÄB +¬X

Zmª M?B M +¬ #` M? #„i i?|TX L;?2 M? M|B tQM; - +¬ HB M M?ªv /UM; H MX óE?
>"M? ç°M; +O +¬ F?B M M? #°i +QÌB i?"M? iB M; - M;?2`'i ? vX

Í [m€M # `- M? ? M h`-M h`bM? p" #¢M; €B +°m i ç M +?ÆB- b m ç| +ÁM ;¼B +?Q
E?B M?bM i?'v K'v M; QÌB #¢M +O M?- +¬ +?d #B i M; •v M; QÌB` M; „KX ó"¢M 2
+°m +ªK i?'v K°i M? +?"M; ç T i` B- çWM; p°B [m2M M? i X h`QÊ+ iB M T?ªB iB`
ç€K #¢M i?•M +O M? i pÈB +°mX a m ç| iU /Q +?¼M HU X u M i•K çB- M; QÌB ç T
i?•M ç T i` B ?ÆMXö L; šK M; ?o i?bX X X +¬ 'v M|B ç9M; i?"iX X Xô *¬ tmwi tQ X

M? HQÌK +¬ K°i +€B i?"i b„+¬ M; „i Kk B +¬X óJm®M pQÊi iQÌM; ` \ô
óæ9M; p"v- M? t2K- #¢M M? B +kM; ?'T /šM M?Q i? - Km®M pQÊi iQÌM; H" çB m
Mû i`€M? +€M? i v M?X

M? M? +? K¬B- +QÌB b•m t X óo"v pÊ M; QÌB i +kM; M;?o i? pÈB M?- 2K ç²M; w
*¬ ;B"i KbM? HB + M?bM tmM; [m M?- [m M b€i id Kd iWM; M; QÌB T?K M[i`QM; +,
H M +?2 K†i M? H¢B F?B +| #°i +S B M?bM M?X ó1K F?¬M; +?Q T?ûTXô

hB M; +QÌB +O M? +?¢v p"Q iBK +¬-`'i M; ¼i M; "QX M? FûQ i v +¬ tm®M; - #'i M
F m`ä iQX "¢+? J°M; E€ #` M? ?¬M K" i`Î M M`Ki` M?Q +¬ ;€B KÈB HÈM +ªK i?
>¬K ç| ?¼ +?ÆB`'i pmB- ç†+ #B i H" +¬ +ÁM H"K i?•M çQÊ+ pÈB >¢ hmv i .mv M
M?Q H" +?` 2K /•m- H"K i?•M i`QÊ+ ç FB K ç²M; KBM?X GĐ K B M"v h`-M h`¢+? -
K" MQÆM; M?ÌX

æ M F?mv - h`-M h`¢+? M?"M çB M i?Q¢B +O B ç|X E iW F?B M?"M +m°+ çB M
F?¬M; v MX

ó B i? \ô *¬ /U p"Q M; QÌB M?- ?ÄBX

ó>ª\ š- F?¬M; +| ;b5ô M? i`ª HÌB K°i +€+? i?B m iU iBMX

*¬ F?¬M; M?bM M?- #°M i v ç M p"Q i v M?- M„K`'i +?†iX óh¬æ M h? M?` \ô
ªªK M?"M çQÊ+ +Æ i? M? +SM; H¢B i`QM; p`B ;B•v- HÁM; +¬ ?ÆB +?MM; tm®M
H"K +¬ +?„+ +?„M çB m ç| ?ÆMX

óE 2K M;?2 çB5ô G9+ M"v +¬ KÈB M?bM M?- +QÌB ;QÈM; ;¢QX

h`-M h`¢+? M?bM ;QÆM; K†i tBM? t„M +O "¢+? J°M; E€- i`€B iBK M? i?„i H¢B- M
iB M b m F?QªM; i?ÌB ;B M +?B t - +¬ M|B` +€B i M ç|X ó" M? pB M; ¼B ç M- ?
?mv i /¢ /`v- +¬M M; QÌB +?, K b|+X X Xô M? i?Î /`B i?QÌM i?QÊiX

*€M? i v ç M p"Q i v M? +°M; bB i +?†i ?ÆMX M? pÁM; i v ¬K ?šM +¬ p"Q HÁM; -
ó M? M?B m iB M M?Q p"v- +| i? i?m M; QÌB +?, K b|+ +¬ 'v K"5 oÈB H¢B +ÁM +|
M? K½B i? \ô *¬ /KB K†i p"Q M; U+ M?X

ó: B çbM? +¬ 'v ç M; Î MQÈ+ M; Q`B- +?d +| KbM? +¬ 'v p ç•v i?¬B5ô M? ?¬M H M
p`B +€BX

>¼ F?¬M; #¨M p +?O ç 'v M[- M?QM; +¬ #B i M? pšM +ÁM ibM? +ªK pÈB +¬ ;€B
`'i M?B m H-M- +ª iB M; i?Î /¨B +kM; i?"i M½Q HÁM;X M? F?¬M; M;O çQÊ+- +¬ M
v MX

L;¨v ?¬K b m- "¢+? J°M; E€ /"v bÈK ?ÆM h`-M h`¢+? K°i +?9iX G9+ M? M;²B p¨
i?S+ ,M` /o `²B ç~v +?Q M?X

M? +-K Km¶M;- t9+ K°i i?b b9T K¨ M?Q t9+ +ª K°i M;¬B M?"- `i M†M; M X L?bM
J°M; E€ ?ÆB t|i- +¬ M;?o- KbM? F?¬M; i? +S Q+? F, M?Q p"v çQÊ+X

*¬ `|i +?Q M? Hv MQÈ+ + K- ç†i +€B Hv i` M #¨M `²B [m v p¨Q # TX *¬ M|BX ó M?
h`-M h`¢+? M;¢+ M?B M i°i ç°X ó1K M|B ;b\ô

ó M? ç M i?,K +¬ 'v çB- 2K F?¬M; b Q5ô *¬ +'i ?°T MQÈ+ + K p¨Q iO H¢M?- çSM;
#B i M M ç†i M|Î ç•m KÈB T?ªBX

M? M;"T M;WM; p¨B ;B•v- +S "K U K½B- +m®B +MM; +kM; KÎ KB M;X ó*| i? X X X
p¨B ?¬K F?¬M;\ô h?'v +¬ BK H†M;- ;B¼M; M? p°B p½ ?ÆMX óE?B M¨Q ibK çQÊ+
'v çB M; v5ô M? çSM; b m HQM; +¬- +?Ì çÊBX

a m p¨B ;B•v BK H†M;- +¬ i?®i` K'v +?[X ó1K F?¬M; +| w FB MXô

h`-M h`¢+? +ªK ÆM +¬ `²B çB H¨K M; v- i•K i`¢M; +O M? +| p F?€ ?ÆM M?B mX

h?U+ ` +¬ F?¬M; i®i ç M i? X *¬ +?d Km®M ç M? ç M i?,K +¬ ;€B FB K°i H9+-
K M; +¬ i p M?"X L; v F?B M|B +•m ðF?¬M; +| w FB Mð- i`QM; i?•K i•K +¬ ç½ iU p
H-MX *¬ +?ŠM; F`T T?ªM SM; H¢B #ÎB pb i?€B ç° pmB p +O M?X M? ç½ pmBX

*ÁM h`-M h`¢+?X M? +kM; #B i +¬ ç M; F?| +?`m- M?QM; M? M;?o- M m M? F?¬
+¬ F?¬M; F?| +?`m K'vX oÈB H¢B #•v ;BÌ ibK M;QÌB +?,K b|+ Hm¬M i?QìM; i`U+ #
b Q ç h¬ æ M h? M? p M?" KbM? p¨B ?¬K- +?Q +¬ i i?'v pÊ +?²M; M? K†M M²M
Mm¬B ?B p¼M; pÈB M?- b m M¨v F?¬M; H¨K T?B M M[X

9dX *?QÆM; k3, *•v EBK h`QM; "¼+ \*kM; \*| L;`v GÁB _

>ÆM +?QM ;BÌ "¢+? J°M; E€ KÈB idM? /"vX *¬ M?2Q K„i M?bM +€B ç²M; ?² çB M
H¢B [m v b M; M?bM +?¶ # M +¢M?X æQÆM; M?B M M? ç½ /"v- p¨ +| H) #•v ;BÌ ç

L?QM; ç| F?¬M; i?¨M? p'M ç - çB m ç€M; M|B H¨ T?ªB ;BªB i?Q+? i? M¨Q pÈB M
tdM ç M KS+ F?¬M; #B i çQÌM; p M?“X E?¬M; i? M|B `^M; +¬ ;?2M F?B M? +?,
+?QM? +¬ ç½ ç²M; w ç +¬ i p M?“K¨X X X

*¨M; M;?o HÁM; +¬ +¨M; `®B #ÌB- +S H,M [m H,M H¢B i` M ;BQÌM; K'v pÁM;X *¬ M
T?B M H„K- T?ªB çÊB ç M F?B M? çQ +¬ ;€B FB ` M;Q¨B ?|M; K€i- +¬ b) M?•M
h¢K i?ÌB T?ªB i`€M? K†i M? ç½- çÊB M? [m M +?mv M M¨v çB- +¬ M?'i ç`M? b) i
i`QÈ+ K†i M?X

æ M; K½B KÆ K¨M; M;?o F b€+? i?b +¬ M;?2 iB M; #QÈ+ +?•M M;Q¨B +Y T?ÁM;
i`QM; +?,M- M?“K K„i ;Bª pÌM;OX

hB M; +€M? +Y #` KÎ ` `²B ç|M; H¢B M; v b m ç| - h`-M h`¢+? #QÈ+ p¨QX M? pV
F?€+? b¢M p¨ b„T t T M;QÌB +?,K b|+ +?Q +¬ i - tQM; pB +HB M p M?“M; vX L?b
i?Î+O +¬- M? #B i +¬ idM? `²BX \*€B w M;?o Km®M i` m +?¼+ +¬ i`¶B /"v i`QM;

M? ;¼B +¬ K°i iB M;- [mª M?B M +¬ ?ÆB ;B"i KbM?- #Ì p B F?¬M; M?9+ M?Q+?
iB M; M[- +¬ pšM M^K BKX M? #QÈ+ ç M- +?mB p¨Q i`QM; +?,M- M^K p¨Q p` i`
pÁM; [m 2Q +¬- #|T M? X ó*?Q /"v M[?ª\ô

*¬ pšM +® +?'T M^K BK- ?ÆB i?Î +| T?¬M ;'T ;€TX

ó*?Q /"v i?"i ``\ô M? ?ÄB H¢BX ""M i v F?¬M; +?`m v M- #„i ç-m /B +?mv M F?„
M? bÌM;U+ +¬- #bM? Hm"MX

*Æ i? +¬ i`Î M M M;S M;€v- F?¬M; i? +S M^K v M +?`m çUM; M?Q p"v çQÈ+X *
FûQ i v M? ` F?ÄB M;QÌB KbM?X

h`-M h`¢+? MûM +QÌBX M? M;Q M M;Q½M ç +¬ ç~v i v KbM? ` - M?QM; F?¬M; M
çQ i v p¨Q ;B[? B +?•M +¬- pm®i p2 ç-v F?B m F?Q+?X

"` çKM; +?¢K #'i M;Ì- "¢+? J°M; E€ `mM `~vX *¬ #"i /"v- KÎ iQ ? B K„i M?bM M?-
Hqm K M?5ô

ó1K +?`m /"v `²B ``\ô M? M?`M +QÌB- M;?B M; M;QÌB- /MM; K°i i v +?®M; ç-m M?

"B i KbM? #` H°- "¢+? J°M; Eb çÄ K†i F?¬M; /€K M?bM M?- +¬ H¢B `9+ p¨Q i`QM

[m HÈT +?,M /"v- M? ?ÄBX ó>¬K [m 2K çB ç•m\ô

h`€B iBK +¬ ç"TM? M? K'v M?`T- +¬ +„M K¬B- HÁM; #`M i v +?ªv K² ?¬BX ó>ª\ô

óa Q H¢B çB m®M; `QÊm\ô M? ?ÄB H-M M[X

*¬ BK i?BM i?Qi- M m M|B KbM? ;?2M +?„+ +?„M b) #` M? +QÌBX *¬ çªQ K„i K°i p.
;B€+ F?B b v5ô L|B tQM;- +¬ +QÌB F? M # iB M;- `²B iU +ªK i?'v +•m i`ª HÌB +O
#†i- F?¬M; M|B i? K ;bX

ó:BÌi?b #B i +?Q \ô M? M?bM +¬- ?ÄBX

*¬ 9TK†i p`Q ;®B- +® HÌ M? çBX L?QM; M? ç•m +?`m #m¬M; i? - M? #„i +¬ T?ª
+| M?Q p"v M? KÈB ?`B HÁM;X

"` M? +M F?¬M; +| w ç`M? #m¬M; i? - +¬ KÈB ?ûi H MX óG` /Q 2K ;?2M- 2K ;?2M

L;QÊ+ H¢B pÈB bmv M;?o +O "¢+? J°M; E€- i? v pb M;?B K K†i #®B `®B- h`-M
ç-m ?¬M +?Ki K°i +€B H M K¬B +¬X

ó:~2M +Ð M`Q\ô M? ?ÄB- KB M; pšM M;Q€+ ` X

"B i KbM? #` M? HW - +¬ ;B" M /¶BX óæ M KS+ Km®M Hv ?¬M5ô

L;?2 ? BiW õHv ?¬Mö- K†i M? b b-K tm®M;X M? +„M K¬B +¬ K°i +€B i?"i ç m-
i`QM; F?Q M; KB M; +¬X óE?¬M; çQÊ+ M|B ? BiW M"vX L;?2 F?¬M;\ô o K†i M
M"v +O M? F?B M +¬ +| ?ÆB bÊ ?½BX

*¬ #†K K¬B- ` bS+ ;"i ç-m- M?bM F?€ ç€M; i?QÆM;X

E?B h`-M h`¢+? i?¬M; #€Q h¬ æ M h? M? ç½ p F?€+? b¢M- H9+ ç| +¬ ç M; +?ªB
M?ªv +?²K H M- ¬K +?†i H'v +´ M? ç-v pmB bQÈM;X

h®B ç| - ?¼ ? M M? m ` T?® h•v +?ÆB- MÆB +?d iQ`M M;QÌB M;Q¢B [m®+ bBM? I
#`M i v ç M p`Q M? mX >¼ çB [m p`B +QM T?®- +QÌB M|B pmB p M?Q ç¬B ibM? M
+¬ +?ŠM; Kªv K v ç w +| K°i M;QÌB ç`M ¬M; ç M; [m M b€i KbM?- M;QÌB K` +ª ç|
;†T H¢BX

"®M M;`v b m ç| - h`-M h`¢+? çB H`K- "¢+? J°M; E€ pšM ÎM?` H`K K'v pB + H†i p†i
iW bÈK pb h`-M h`¢+? M|B ?¬K M v M? p bÈK- Km®M õi•K bUö pÈB +¬ H•m H•m

M|B ç-v €K Km°B ç|- +¬ ç½ ç M i?~K Ko pB M +?,K b|+ +Æ i? id KdX

h`-M h`ç+? p ç M M?" HB M çB i„K M; vX *¬ /¼M bœM i?S+ ,M ` #`M- M;²B +?ì çB
p M; H M- b® K€v Hç ;¼B ç MX æ M; M;?o i`QM; ç-m +?„+ H` ;¼B M?-K b®- ç`M?
p`B ;B•v +?-M +?W ç| ç½ ;•v ` +?m¶B #'i ?çM? b m ç|X

*¬ M?"M +m°+ ;¼B- # M FB BK H†M; `i H•mX æ M F?B +¬ b„T i„i K€v- ç-m /•v
iB M; M? #ªM tS T?€i ` F?B M ç-m | +¬ Km®M M´imM;X

L;QìB ç`M ¬M; M|B ` K'v +•m +?"Q t½ ;B Q- i?'v +¬ BK H†M;- M? i KÈB M|BX
ç'v5ô a m ç| KB m iª p`B +?B iB i F?mM; +Y b´ M?" +?Q +¬ M;?2X

ó M? ç M; î ç•m\ a Q #B i M?" i¬B\ô >¼ M|B +?mv M pÈB M? m #^M; iB M; M? `i

ó1K î +MM; +?"M; i` B FB ?çM? T?9+ [m€ M?d\ \*| i? +?Q M? p`Q +?"Q ?ÄB p`B +

óh`Bbi M5 æWM; H`K T?B M i¬B M[5ô "ç+? J°M; E€ ;¼B +€B i M b m # Q M?B m
L?[M; M;`v i?€M; ç€M; bÊ FB HçB tm'i ?B M HÎM pÎM i`QM; ç-m +¬X *¬ p¬ i?S+
#`M i v +m°M +?†i ç M M¶B K|M; i v +„K b•m p`Q HÁM; #`M i vX

óL m 2K p M?- i¬B +?„+ +?„M b) #m¬M; i? 2KX *ÁM î ç•vX X Xô M? i +QìB K'v
t2K- M m i¬B HçB H`K +?mv M ;B®M; i`QÊ+ FB - #Ä ` +?9i iB M K¼B +?mv M b) ç
H`K F?¬M;5ô

*¬ +ªK ;B€+ M?Q KbM? ç M; `ÆB p`Q F?QªM; F?¬M; i`QM; pk i`K- MÆB +?d +! Kb
M^K BK î ç| +?î +? iX a m F?B M;„i +m°+ ;¼B- +¬ M;²B i?W i` M ;BQìM;- i`€B iBK
F?¬M;X

*ª #[,M i®B- +¬ +?d ;„T p`B çk `²B F?¬M; ,M i? K ;b M[X h`-M h`ç+? /¼M / T `
tQM; tm¬B ? i K¼B +?mv M- M? i?'v +¬ M^K bœM i` M ;BQìM; çÊB- +,M T?ÁM; i®
ªQ iW M;¼M ç M M;OX

M? pW +?çK p`Q p B +¬- +¬ HB M F m M? i„i ç MX M? i?'v ?ÆB Hç M?QM; pšM
+Æ i? [m'M H'v M? mX

a€M; ?¬K b m "ç+? J°M; E€ /"v `i bÈK- +¬ F?¬M; i`B M`Q M;O M´BX \*?m~M #` tQM
T?ÁM; +?¼M [m-M €Q çB H`K ;B9T M?X \*¬ +® H`K +?Q #ªM i?•M F?¬M; M;?o ç M
+€+? p`M ç°M; i v +?•MX

h`-M h`ç+? T?€i ?B M +¬ Qi M|B ?ÆM M;`v i?QìM;- ?ÄB +¬ içB b Q- +¬ M|B içB
K iX M? +QìB +QìB- ?¬M H M i`€M +¬ K°i +€B `²B çB H`KX

æ M ; - M i`Q - h`- M h`¢+? ; ¼B +?Q + - M ? ?ÄB + - + | [m2M M ; Q`B M`Q i M h`Bbi
#`i M +`M ; H9+ +`M ; M?B mX

ó M ? i M | B H` #¢M + O 2K - Km®M K`B M ? ¸B , M # [+ÆKXô

æ M H9+ M`v- + - F?¬M ; i ? ; B [#bM ? ioM ? ¸QÊ+ M [- i ? M ?QM ; KB M ; HQÐB + -
M`QX h`- M h`¢+? ; ¼B + - ? B iB M ; - + - KÊB óWô ¸QÊ+ K°i iB M ; X

óL m 2K F?¬M ; i ? • M pÈB M ? i i ? b M ? F?¬M ; ¸ M ; †T M ? i X h®B M v M ? p bÈH
+ÆK ; B ¸bM ? - +?9M ; i [m ¸ | M ? û5ô : B ¼M ; M ? pšM i`- K `K M ? Q i ? - M ?QM ; F ? -
H¢M ? #m®i + O + - p`Q H9+ M`vX

*¬ öWö K°i iB M ; `²B i „i K€v- H¢B M ; ²B i ? šM i ? ì i` M ; ? b¬ T ? X

"m´B i®B - h`- M h`¢+? H€B t2 ¸Q "¢+? J°M ; E€ p M ? " ? ¼ h`- MX "[iB + ¸QÊ+ i´ +
@ 2K i` B h`- M h`¢+? @ pW F?ÄB # M ? X «M ; h`- M pW M ; ?2 iBM M ? i H`M ? # M
`²B i´ +?S+ # [ iB + M`v- M ? • M iB M +?`Q ?ÄB +QM / • m KÊB H`L ; mv M • MX

hQM ? ibM ? "¢+? J°M ; E€ F?¬M ; [m€ i`- K - + - M ? M ? +? | M ; # „i +?mv M `²B H`K i ?
M ? `X L ? ì + | + - K` F?¬M ; F ? Q iQÆB pmB ?ÆM ? šMX

æ M ; - M +?QM ; B`- h`- M h`¢+? ¸°i M ? B M M ? "M ¸QÊ+ +m°+ ; ¼B iW b® K€v H¢X a
i B "¢+? J°M ; E€ i ? b i ? - K p`B + • m `²B #Ä ¸BX *¬ M ; ?o M ? # "M +?9i pB + M M F ? -
i ? S + ¸ÊB M ? p X ob ¸½ Km°M H „K `²B - M M ¬M ; h`- M +?Q M ; Q`B b „T t T +?¶ î +?o
HÈM M`v / o M ? B M F ? ¬M ; i ? B m T ? ÁM ; +?Q p`B M ; Q`B î ¸QÊ+ X

*¬ ¸B i ? 2Q + - ; €B ; B9T pB + p T ? ÁM ; +O h`- M h`¢+? X * , M T ? ÁM ; F ? € HÈM p` `i
H` t€K i`Q - +?d + | ` K + Y p` ; BQ`M ; H` K`m i` „M ; X

"¢+? J°M ; E€ M ; „K M ; ?Q F ? „T K°i HQÊi - `²B ¸€ ; B`v #W ` b`M - b m ¸ | p`Q T ? ÁM
HQ`B K†+ H¢B [m - M €Q + k - +?d +?Q`M ; €Q #¬M ; i „K + O M ? - M`K H , M H°M i` M
h`QM ; ; B´+ KÆ ¸ K ¸ | - + - KÆ i ? `v F ? QªM ; i ? `B ; B M ¸2M i®B + O +m°+ ¸`B KbM ? -
#` M ; Q`B ¸`M ¬M ; FB +?¢K p`Q +Æ i ? KbM ? X J² ? ¬B +?ªv iW ? B # M i ? €B / QÆ
+ - ; ²M ; H M +?®M ; +?¼B H¢B # | M ; i®BX G9+ ¸ | - + - +?d KQM ; + | B ¸ | + | i ? H M
iB M ; i ? î i ? ¬B + kM ; ¸QÊ+ - M ?QM ; +m®B + MM ; pšM +?d + | K°i KbM ? + - + „M ` , M ; +

"¢+? J°M ; E€ M ; O F ? ¬M ; ¸QÊ+ b • m - #®M iB M ; b m + - ¸½ idM ? - F ? B ¸ | F ? QªM ; +
+?¶ # M +¢M ? - `²B M ? bM F ? „T T ? ÁM ; - b m + MM ; /WM ; H¢B î i`K ` K i` „M ; # v T ?
M²M ; M†+ X

h`- M h`¢+? ¸SM ; î # M + - M ; ?9i i ? m®+ - ¸®K b€M ; î ¸ - m ¸B m i ? m®+ #` ; B | i ? `B #
`Q i K°i ?ÆB M`Q - +?d ¸ F ? | B i ? m®+ H€ p`M pQi Hm`M [m`M [m M ? i • K i`Q M ? X E
?`M ; H¬M ; K`v + O M ? #¶M ; M ? , M H¢BX

*€M? i v M?Ä #û +O +¬ pÁM; [m M? 2Q M?- +Æ i? 'K €T €T +?†i p"Q HQM; M?X

ó M? +?Q M;O "∧ô *¬ ?ÄB pÈB ;B¼M; M;€B M;OX

óVXô M? i`a HÌB +°+ H®+- MûK çB m i?m®+ tm®M; H-mX

M? [m v M;QÌB ç +¬ /U p"Q M;U+ KbM?- ?ÆB i?Î ç m ç†MX amv M;?o K°i H9+ H•
?ÄB +¬X óL;QÌB ç" M ¬M; i M h`Bbi M- 2K +‡ [m2M F?¬M;∧ô

*•m ?ÄB +O h`-M h`ç+? F?B M "ç+? J°M; E€ #WM; idM? M; v iS+ F?„+X oÁM; i
HçBX *¬ F?¬M; i? i`a HÌB +•m ?ÄB +O M?X

ó*?mv M ? B M;QÌB iWM; b®M; +?mM; - +‡ i?"i F?¬M;∧ô M? ?ÄB +¬- M?`T ç"TMÆ

*¬ i?ª HÄM; ? B i v- #QÈ+ HMB p b m K°i #QÈ+- M;QÈ+ K„i M?bM M?X óG" i?"i5

*€+? i`a HÌB [m€ bS+ #bM? i?ªM +O +¬ +¬M; F?B M M? iS+ ;B" M ?ÆM- K¬B M
KÄM;- K'T K€v p" B H-MX

"ç+? J°M; E€ [m M b€i #B m +ªK +O M?- +¬ çQ€M H9+ M½v M? ç½ çB ;†T h`Bbi
+?mv M +?Q M? M;?2X æ M MQÈ+ M"v- +¬ F?¬M; Km®M +?2 ;B'm M? M[X

óL,K K 2K K'i- 2K F?¬M; i? p i? K;B i M; H +O #X 1K `i?"M # X o" B M,K b
iB M # 2K ;YB +?Q 2K- `²B i9M; i?B mX G9+ ç‡ h`Bbi Mtm'i ?B M p" ?S b) +?,K
i`QM; T?ÁM;- 2K ç½ F?‡+ p" +¬m tBM M? i `i M?B mX L?QM; M? i F?¬M; i?ª
+kM; p"Q T?ÁM; 2K- bi K‡ F?„T +Æ i? 2K- #„i 2K K†+ M?[M; #° [m-M €Q M? i Km

E?¬M; #B i iW H9+ M"Q- MQÈ+ K„i ç½ +?ªv F?„T F?m¬M K†i +¬- QÈi +ª K°i KªM; €

ó1K F?¬M; M‡B pÈB M? pb 2K i?U+ bU F?¬M; i? b®M; pÈB FQ S+ FBM? iÎK 'vX L
X X i?b Hv ?¬M çBX 1K F?¬M; +‡ [mv M Q€M i`€+? M?X *‡ H) 2K ?ÆB i? K H K F
M?X G" 2K b B- 2K tBM H¶BX X Xô

*¬ +?MB MQÈ+ K„i- [m v K†i b M; K°i # MX

hW ç-m ç M +m®B M? +?d çSM; ç‡ H„M; M;?2- F?¬M; M‡B F?¬M; `^M; ? v T?ªM SM
+¬ +OM; +® i? K +€B w M;?o F?BM? i?QÌM; M? /"M? +?Q +¬X

*¬ [m v HQM; #Ä çBX æ M F?B +€M? +Y F?ûT HçB- M? pšM +?Q i? idM? i€Q M

h`QM;T?ÁM;# T i®B QK- iB M;F?|++O M;Q`B +QM ;€B i?m ?9i bU [m M i•K +O
M;O çQÊ+ M M +¬ çB HQ M? [m M? +?Q ç-m | + i? M? i`M?- F?¬M; M;ì H¢B ;†T "¢

hB M;F?|++O +¬ `i F?)- ; -M M?Q +?d H¨ iB M; i?9i i?Qi- •K i? M? M¨v T?€i ` p
i?"i +| ?ÆB ç€M; bÊX

E?B ç M ; -M "¢+? J°M; E€- >¢ hmv i .mv M ?ÆB #®B `®B- +¬ F?¬M; ;BÄB M OB M
;B•v `²B [mv i ç`M? çB ç M # M +¢M? "¢+? J°M; E€X ó*?` b Q i? \ *½B M? m pÊB
i v +¬ ç†i ?ì H M HQM; "¢+? J°M; E€X

"¢+? J°M; E€ F?¬M; i`ª H`B- i? v p¨Q ç| iB M; F?|+ /Q`M; M?Q HÈM ?ÆMX

óh?¬B çWM; F?|+- 2K çÁB H¢B +¬M; #^M; +?Q +?`5ô >¢ hmv i .mv M M|BX *¬ FûQ
KbM?- ç€M? i?S+ h`-M h`bM? ç M; M;O b v `²B ç +¬ ;€B FB M;²B i` M ;BQ`M;X

h`-M h`bM? #` ç€M? i?S+ i?b K†i K¨v + m +|X óJ'v M;Q`B #` b Q p"v ?ª\ LY ç K M
+?¢v çB HmM; imM;5ô

ó> B M;Q`B ç| +½B M? m `²BX *?` J°M; E€ F?|+X 1K F?¬M; #B i i? M¨Q M?QM; -
+?mv M F?¬M; ? M?ÄX M? [m t2K h`-M h`¢+? i? M¨Q- iB M i? M|B M? 'v p¨B +

ó1K ç`M? ç +?` 'v M;O i` M ;BQ`M; +?9M; i ``\ô M? M?QÈM; K¨v- ?ÄBX

óVXô

ó>¬K [m +?9M; i pW H¨K ibM? i` M +?B +;BQ`M; 'v5ô

>¢ hmv i .mv M bU+ idM?- +¬ #®B `®B ? i M?bM M? `²B H¢B M?bM p¨Q # M i`QM

h`-M h`bM? / v / v ? B # M i?€B /QÆM;- M? p¶ p B +¬ i`'M MX ó M? F m M;Q`B
F?€+ +?Q +¬ 'v- +ÁM h`-M h`¢+?X X Xô M? i?Î /`B i?Q`M i?QÊiX ó M? M;?o +
i`¼M;- +?9M; i H¨ M;Q`B M;Q¨B +m°+ F?¬M; ?B m +?mv M- F?¬M; i? M|B #W ç
T?€T- +?9M; i çWM; t2M p¨Q +?mv M +O ?¼X L m Km®M 2K +| i? çB +?ÆB +M
+?mv M M¨v5ô

*¬ ;"i ç-mX M? ?¬M H M i`€M +¬ K°i +€B `²B [m v çBX

E?B >¢ hmv i .mv M [m v p T?ÁM; i?b i?'v "¢+? J°M; E€ M;²B # M KûT ;BQ`M;X
J°M; E€ M;²B p¨Q ;? b¬ T? - M|B K¨v +?mv M pm pÆX a m ç| h`-M h`bM? #€Q T?
hmv i .mv M KÈB çQ "¢+? J°M; E€ b M; ç|X

h`QÊ+ F?B `ÌB çB- "ç+? J°M; E€ #¶M; H M iB M; X ó1K çWM; HQ- #¼M +?` +?d +½
HÈM +ªXô *·m M|B +O "ç+? J°M; E€ F?¬M; F?B M +¬ v M i·K ?ÆM- M?QM; +¬ F?

L;¬v ?¬K b m ¬M; h`-M pšM ;B[K¼B M;QÌB Î HçBX «M; Km®M M? 2K ?¼ F?„M F?

h`-M h`ç+? `ÌB M? iW bÈK- F?¬M; B #B i M? çB ç·mX h`-M h¬M; p` h`-M h`bM?
b·M M|B +?mv M m®M; i` pÈB M? mX \*ÁM # M;QÌB T?K M[ i?b` M;Q`B H`K ç T
E€ F?€ ?ÆM i®B [m - +¬ F?¬M; #B i +ÁM +?Q `^M; ? B M;QÌB ?¼ +?ŠM; +| +?mv

" M;QÌB T?K M[çB +MM; M? m ç M i" M i®B KÈB +?`m [m v p X æSM; iW t ç½ i`
h¬M; p` h`-M h`bM? çSM; Î +Y çÊBX L;mv M ·M p` >ç hmv i .mv M p¬ i?S+ [m v
E€X *¬ +QÌB i`W- ?mÆ ?mÆ +€M? i v `²B +?`Q ? B M;QÌB ?¼ K` çB i`QÊ+X

> B M;QÌB T?K M[#` ? B M;QÌB ç`M ¬M; H¬B p T?ÁM; `B M;X >¼ ?¬M M? m M; v
HçBX

"ç+? J°M; E€ M^K HQÌB M?€+ i` M ;BQÌM;- +¬ M?bM i`·M i`·M H M i`-M M?`- +ªK
?`B i`Q ` iW ?®+ K„i `²B H,M tm®M; ? B # M i?€B /QÆM;X L^K K°i H9+ +¬ [mv
M;O pW Km H9+ M½v- H2Q H M ;BQÌM; M^K K` +?ŠM; +?ÊT K„i M´BX

L^K i?~M i?ì ?²B H·m- F?B M?bM ç²M; ?² çB K ? B ;Bì KQÌB b€m T?9i- +¬ HçB i?
+| w M;?o Km®M `ÌB t M?- pb +¬ +ªK i?`v KbM? F?¬M; tSM;X *| H) +¬ b) p M?- b
i`QÊ+ ç·v- p` h`Bbi M b) F?¬M; # Q ;Bì H`K T?B M +¬ çQÊ+ M[X

93X *?QÆM; k3, *?QÆM; 8

>ÆM +?QM ;Bì "ç+? J°M; E€ KÈB idM? /"vX *¬ M?2Q K„i M?bM +€B ç²M; ?² çB M
HçB [m v b M; M?bM +?¶ # M +çM?X æQÆM; M?B M M? ç½ /"v- p` +| H) #·v ;Bì ç

L?QM; ç| F?¬M; i?`M? p'Mç - çB m ç€M; M|B H` T?ªB ;BªB i?Q+?i? M`Q pÈB M?
tdM ç M KS+ F?¬M; #B i çQÌM; p M?`X E?¬M; i? M|B `^M; +¬ ;?2M F?B M? +?,
+?QM? +¬ ç½ ç²M; w ç +¬ i p M?` K`X X X

*`M; M;?o HÁM; +¬ +`M; `®B #ÌB- +S H,M [m H,M HçB i` M ;BQÌM; K'v pÁM;X *¬ M
T?B M H„K- T?ªB çÊB ç M F?B M? çQ +¬ ;€B FB ` M;Q`B ?|M; K€i- +¬ b) M?·M
hçK i?ÌB T?ªB i`€M? Kfi M? ç½- çÊB M? [m M +?mv M M`v çB- +¬ M?`i ç`M? b) M
i`QÊ+ Kfi M?X

æ M; K½B KÆ K`M; M;?o F b€+? i?b +¬ M;?2 iB M; #QÊ+ +?·M M;Q`B +Y T?ÁM;
i`QM; +?,M- M?„K K„i ;Bª pì M;OX

hB M; +€M? +Y #` KÎ ` `²B ç|M; HçB M; v b m ç| - h`-M h`ç+? #QÊ+ p`QX M? pV
F?€+? bçM p` b„T t T M;QÌB +?,K b| + +?Q +¬ i - tQM; pB +HB M p M?` M; vX L?b
i?Î +O +¬- M? #B i +¬ idM? `²BX \*€B w M;?o Km®M i` m +?¼+ +¬ i`¶B /"v i`QM;

M? ;¼B +¬ K°i iB M;- [mª M?B M +¬ ?ÆB ;B`i KbM?- #ì p B F?¬M; M?9+ M?Q+?
iB M; M[- +¬ pšM M^K BKX M? #QÊ+ ç M- +?mB p`Q i`QM; +?,M- M^K p`Q p` i`Q +

[m 2Q +- #|T M? X ó*?Q /"v M[?^{\hat{o}}

*¬ pšM +® +?'T M^K BK- ?ÆB i?Î +| T?-M ;'T ;€TX

ó*?Q /"v i?"i "\hat{o} M? ?ÄB H¢BX ""M i v F?-M; +?'m v M- #„i ç-m /B +?mv M F?,
M? b\ M;U+ +- #bM? Hm"MX

*Æ i? +- i^Î M M M;S M;€v- F?-M; i? +S M^K v M +?'m çUM; M?Q p"v çQÊ+X *-
FûQ i v M? ` F?ÄB M;Q\B KbM?X

h^-M h`¢+? MûM +Q\BX M? M;Q M M;Q½M ç +- ç~v i v KbM? ` - M?QM; F?-M; M
çQ i v p"Q ;B[? B +?•M +- pm®i p2 ç-v F?B m F?Q+?X

"` çKM; +?¢K #'i M;î- "¢+? J°M; E€ `mM ~vX *- # "i /"v- KÎ iQ ? B K„i M?bM M?-
Hqm K M?5ô

ó1K +?'m /"v `²B "\hat{o} M? M?`M +Q\B- M;?B M; M;Q\B- /MM; K°i i v +?®M; ç-m M?
"B i KbM? #` H°- "¢+? J°M; Eb çÄ K†i F?-M; /€K M?bM M?- +- H¢B `9+ p"Q i`QM
[m HÊT +?,M /"v- M? ?ÄBX ó>¬K [m 2K çB ç•m\hat{o}

h`€B iBK +- ç"TM? M? K'v M?`T- +- +„M K¬B- HÁM; #""M i v +?av K² ?¬BX ó>^{\hat{o}}

óa Q H¢B çB m®M; `QÊm\hat{o} M? ?ÄB H-M M[X

*¬ BK i?BM i?Qi- M m M|B KbM? ;?2M +?„+ +?„M b) #` M? +Q\BX *- çªQ K„i K°i p
;B€+ F?B b v5ô L|B tQM;- +- +Q\B F? M # iB M;- `²B iU +ªK i?'v +•m i`ª H\B +O
#†i- F?-M; M|B i? K ;bX

ó:B\ i?b #B i +?Q \hat{o} M? M?bM +- - ?ÄBX

*¬ 9TK†i p"Q ;®B- +® H\ M? çBX L?QM; M? ç•m +?'m #m¬M; i? - M? #„i +- T?ª
+| M?Q p"v M? KÊB ?"B HÁM;X

"` M? +M F?-M; +| w ç`M? #m¬M; i? - +- KÊB ?ûi H MX óG` /Q 2K ;?2M- 2K ;?2M
L;QÊ+ H¢B pÈB bmv M;?o +O "¢+? J°M; E€- i? v pb M;?B K K†i #®B `®B- h^-M
ç-m ?¬M +?Ki K°i +€B H M K¬B +-X

ó:~2M +Ð M"Q\hat{o} M? ?ÄB- KB M; pšM M;Q€+ ` X

"B i KbM? #` M? HW - +- ;B"M /¶BX óæ M KS+ Km®M Hv ?¬M5ô

L;?2 ? B iW õHv ?¬Mö- K†i M? b b-K tm®M;X M? +„M K¬B +- K°i +€B i?"i ç m-
i`QM; F?Q M; KB M; +-X óE?-M; çQÊ+ M|B ? B iW M"vX L;?2 F?-M;\hat{o} o K†i M
M"v +O M? F?B M +- +| ?ÆB bÊ ?½BX

*¬ #†K K¬B- ` bS+ ;"i ç-m- M?bM F?€ ç€M; i?QÆM;X

E?B h^-M h`¢+? i?¬M; #€Q h¬ æ M h? M? ç½ p F?€+? b¢M- H9+ ç| +- ç M; +?ªB
M?ªv +?²K H M- ¬K +?†i H'v +´ M? ç-v pmB bQÊM;X

h®B ç| - ?¼ ? M M? m ` T?® h•v +?ÆB- MÆB +?d iQ" M M;Q\B M;Q¢B [m®+ bBM? M
#"M i v ç M p"Q M? mX >¼ çB [m p" B +QM T?®- +Q\B M|B pmB p M?Q ç¬B ibM? M
+- +?ŠM; Kªv K v ç w +| K°i M;Q\B ç" M ¬M; ç M; [m M b€i KbM?- M;Q\B K" +ª ç\B
H¢BX

"®M M;"v b m ç| - h^-M h`¢+? çB H^K- "¢+? J°M; E€ pšM ÎM?" H^K K'v pB + H†i p†i
iW bÊK pb h^-M h`¢+? M|B ?¬K M v M? p bÊK- Km®M õi•K bUö pÈB +- H•m H•m
M|B ç-v €K Km°B ç| - +- ç½ ç M i?~K Ko pB M +?,K b|+ +Æ i? id KdX

h^-M h`¢+? p ç M M?" HB M çB i„K M; vX \*- /¼M bÆM i?S+ ,M ` #"M- M;²B +?l ç
p M; H M- b® K€v H¢;¼B ç MX æ M; M;?o i`QM; ç-m +?„+ H` ;¼B M?-K b®- ç`M?
p" B ;B•v +?¬M +?W ç| ç½ ;•v ` +?m¶B #'i ?¢M? b m ç|X

*¬ M? "M + m° + ; ¼B - # MFB BK H†M; `i H•mX æ MF?B +¬ b„T i„i K€v- ç-m /•v # M
M? #ªM tS T?€i` F?B M ç-m | + +¬ Km®M M´ imM; X

L; QÌB ç" M ¬M; M|B ` K'v +•m +? "Q t½ ; B Q- i? 'v +¬ BK H†M; - M? i KÈB M|BX ó*Y
a m ç| KB m iª p" B +? B iB i F?mM; +Y b´ M? " +?Q +¬ M; ?2X

ó M? ç M; Î ç•m\ a Q #B i M? " i¬B\ô >¼ M|B +?mv M pÈB M? m #^M; iB M; M? `'
ó1K Î +MM; +? "M; i` BFB ?¢M? T?9+ [m€ M?d\ *| i? +?Q M? p"Q +? "Q ?ÄB p" B +
óh`Bbi M5 æWM; H"K T?B M i¬B M[5ô "¢+? J°M; E€ ; ¼B +€B i M b m # Q M?B m
L?[M; M; "v i?€M; ç€M; bÊ FB H¢B tm' i ?B M HÎM pÎM i`QM; ç-m +¬X *¬ p¬ i?S+ F
i v +m°M +?†i ç M M¶B K|M; i v +„K b•m p"Q HÁM; # "M i vX

óL m 2K p M?- i¬B +? „+ +? „M b) #m¬M; i? 2KX *ÁM Î ç•vX X Xô M? i +QÌB K'v
t2K- M m i¬B H¢B H"K +?mv M ;B®M; i`QÈ+ FB - #Ä` +?9i iB M K¼B +?mv M b) ç
H"K F?¬M; 5ô

*¬ +ªK ;B€+ M?Q KbM? ç M; `ÆB p"Q F?QªM; F?¬M; i`QM; pk i`K- MÆB +?d +| Kb
M^K BK Î ç| +?Ì +? iX a m F?B M; „i +m° + ; ¼B - +¬ M; ²B i?W i` M ;BQÌM; - i`€B iBK
F?¬M; X

*ª #[,M i®B- +¬ +?d ; „T p" B çk `²B F?¬M; ,M i? K ;b M[ X h`-M h`¢+? /¼M / T`
tQM; tm¬B ? i K¼B +?mv M- M? i? 'v +¬ M^K bÆM i` M ;BQÌM; çÈB- +,M T?ÁM; i®
ªQ iW M; ¼M ç M M; OX

M? pW +?¢K p"Q p B +¬- +¬ HB MF m M? i„i ç MX M? i? 'v ?ÆB H¢ M?QM; pšM
+Æ i? [m'M H'v M? mX

a€M; ?¬K b m "¢+? J°M; E€ /"v `i bÈK- +¬ F?¬M; i" B M"Q M; O M´BX \*?m~M #` tQM

9NX *?QÆM; kN, SX8 *?QÆM; R

*?B + ;BÄ t2 +?Î ç-v ?Q i?Ov iB MX *¬ ;€B M?Ä K†+ ç²M; T?K+ +O i`QÌM; ç M; ç
G9+ ` p - h?€B Zm®+ "ªQ ç½ +?†M t2 oä *?B m .QÆM; p" #Ä ç| ?Q M"v p"Q ;BÄ t
;?2M i` +O M?B m #¢M ?¼+X

oä *?B m .QÆM; F?¬M; ;?ûi M?QM; +kM; F?¬M; i?Q+? h?€B Zm®+ "ªQX ob H" ?¼+
/€K #`v i`Á v m çQÆM; [m H¢BX L|B ç9M; ` H" pb h?€B Zm®+ "ªQ ?¼+ `i i - +¬
t'm ç M KbM? M M F?¬M; Km®M [m2MX

h`QÊ+ ç| +¬ ç½ iWM; i?Q+? K°i ç" M M? F?| i` MX *?mv M M"v ç½ i`Î i?"M? K°i ç
K½B i`QM; HÁM; +¬X

æ-m M,K HÈT KQÌB- oä *?B m .QÆM; p" Gw >mv M K v K„M çQÊ+ t T +?mM; K°i
pÈB M? m iW F?B +ÁM ?¼+ Kšm ;B€QX Gw >mv M H" +¬ M" M; F?€ tBM? t„MX >²B
+¬ ç½ [mv i +?B M pÈB ç€K +QM i` B HÈT F?€+ ç M; ,M iKB M| F?¬M; ç M; -M Gw
M?"M çQÊ+ bU v m K M +O ç€K +QM i` B- K" M; v +ª ç€K +QM ;€B +kM; `i i?Q+?
'v `i F?€- M M M; "v M"Q çB ?¼+ +kM; +| t2 çQ t2 ç|M- +¬ 'v +ÁM i?QÌM; tmv M K
bS+ i` M; çB K ç M HÈT +?B b +MM; +€+ #¢M ?¼+ - pb i? K" çQÊ+ K¼B M; QÌB v

L?" Gw >mv M +€+? M?" oä *?B m .QÆM; ?ÆM K°i +•v b®X Gw >mv M iWM; M; Ä w H
+¬ iW +?®B- #ªQ `^M; ç¢T t2 b) ;BªK çQÊ+ p" B FQX

o"Q ?¼+ +?Q çQÊ+ # Q H•m i?b i`QÌM; i' +?S+ ;BªB ç'm #|M; `´ +€+ F?®B HÈTX
ç çQ +?Q M; QÌB KbM? i?Q+?X oä *?B m .QÆM; p" Gw >mv M +kM; F?¬M; M; QçB

L?QM; pb Gw >mv M çQÊ+ t2K H" +¬M; +?9 +O HÈT KQÌB #®M- M M `i çQÊ+ +
M„M; +| M; QÌB çSM; +?2 ¬- MQÊ+ +kM; +| M; QÌB +¬K ;B9T- +Æ #ªM H" +¬ 'v F?¬
i v- p" pb tmM; [m M? +| `i M?B m M; QÌB çB i?2Q +mM; T?KM; M M +¬ 'v F?¬M; +
+¬ 'v i?Q+?X

*ÁM oä *?B m .QÆM; i?b `½M? ` M; - +¬ F?¬M; #` B ç2Q #€K H"K T?B MX o'M ç
b® M K bBM? +?¢v M?ªv i` M b•M #|M; `´ +ªX

i 6 €Ð

M? i ç|M H'v- HçB +QÌB pÈB +¬- ç H° ?"K ` ,M; b€M; #|M;X
hW T?Q # M FB - ç²M; ç°B +O M? i HB M iK+ F m ;"Q M? i [m v p ç°B ?bM?X
M? i K°i H€i- b m ç| +9B tm®M; M|B pÈB +¬X ó M? i M S?MM; >ªB *?QM? - HÈT K
+| i? +?d 2K H"K iQ€MX L;"v K B- WK M;"v K B çQÊ+ ç'v- i M ?¼+ Î ç·v M?û5ô
*¬ +?Q F`T i`ª HÌB i?b M? ç½ +?"Q içK #B i`²B +?çv çBX L;?o HçB ;B·v T?9i 'v-
Zmª i?U+ +€+? ?¼+ i?m°+ HÌB ;BªB +O +¬ F?¬M; T?ªB H" #B M T?€T +| i? €T /KM
K†+ /M ç½ ?¼+ i?m°+ HÌB ;BªB- M?QM; F?B ;B€Q pB M +?Q ç #`B iQÆM; iU- +¬
:B|` +?ÆB- oä \*?B m .QÆM; M;²B i`QM; HÈT +® ?B m #`B i" T +¬ ;B€Q pW ;BªB t
M´BX *¬ HQ v ?Q v K°i H9+- +?Êi M;?o ç M M? +?"M; M;"v ?¬K [m ;†T Î b·M i? /
i tBM +?9i w FB M ?¼+ i"TX
h M ?¼+- oä *?B m .QÆM; +?¬K +?"K +'i ç² p"Q +†T- çÊB i'i +ª p ? i`²B KÈB t€+?
>¬K M v F?¬M; +| i`"M ç'm M"Q M M b·M i" T p„M; ?Q2X
o` [mª M?B M S?MM; >ªB *?QM? pšM M?È HÌB ?S M;"v ?¬K [m pÈB +¬X M? M;²B
F?€M ç`B- pšv i v F`+? HB i F?B i?'v +¬X
G9+ ç| i`€B iBK #û #ÄM; +O oä \*?B m .QÆM; ç" T i?bM? i?' +?- H-M ç-m iB M i`Q
+| i? ç" T M? M? ç M i? X
"QÊ+ H M F?€M ç`B- +¬ +?"Q M? K°i iB M;X G-M M"v- M? H'v iW i`QM; +†T ` K
ó>¬K [m 2K +?Q M?- ?¬K M v M? +?Q 2K5ô
*¬ +QÌB M;®+ M;? +? M?"M H'v HQM MQÈ+ M;¼iX
óæQ b€+? ç·v- M? /çv 2K K'v +€B +Æ #ªMXô S?MM; >ªB *?QM? +?b i v ` i`QÊ+
`QÈM H M- i`¬M; `i ç T K„iX
*¬ H"i ç"i KÎ b€+? pÎ ` - +?,K +?9 M;?2 M? ;BªM; #`BX :B¼M; +O M? F?¬M; ²K
i` M HÈT- +`M; F?¬M; /MM; HÌB H) M†M; M i`€+? K|+ F?B +| B ç| F?¬M; H"K çQ
çQÊ+ +€+ +¬M; i?S+ p" +€+? ;BªB #`B i" T F?€M ? M?X
J½B ç M F?B K†i i`ÌB ;¬M i„i M„M; - ?¼ KÈB +?`m /WM; HçBX
ó>¬K M v ç M ç·v i?¬BX L;"v K B- " F?¬M; - M;"v K B HÈT M? +| i`"M ç'm- M;"v
*?QM? çSM; /"v- +?2 çB p`B iB M„M; +m®B +MM;X
óo·M; çX L?Ì M? K" 2K ?B m #`B ?ÆMXô \*¬ #)M H)M- +QÌB +QÌB M?ûi b€+? pÎ p`
óš- K B HçB K M; MQÈ+ +?Q M? M[M?û5ô M? /MM; K°i M;|M i v 'M p"Q K€ +¬X
E?B M? çB `²B- +¬ KÈB +?Q`M; idM? F?ÄB +ÆM K - #`M i v +¬ p¬ i?S+ çQ H M
M;|+O M?X óJ B ;†T HçB ô *¬ i?b i?-KX
"m´B +?B m F i i?9+ bÈK- +ª i`QÌM; M?€Q M?"Q +?çv ` b·M i?B ç'm i`QÈ+ i`QÌM
KQÌB ? B ? B p" HÈT KQÌB K°i M,KX L[bBM? +?2M +?9+ M? m ç ;B`M? çQÊ+ p` i
oä *?B m .QÆM; F?¬M; +?2M M´B- +¬ +?d çSM; t t M?bM S?MM; >ªB *?QM? +?ç
Gw >mv M p¶ p B +¬ +€B #°TX óL;„K çQÊ+ M? M"Q +?Q \ô
*¬ [m v ç-m b M; - K†i /YM; /QM;X óS?MM; >ªB *?QM?X JQÌB ? B ? BX a® # KQÆ
H„+ +? B MQÈ+ bm®B i`QM; i v çQ H M i`QÈ+ K†i Gw >mv M H"K #^M; +?SM;X
óh?Q+? `²B ` \ô Gw >mv M ;? Q +¬- €M? K„i M?'T M?€v ç-v KQM; çÊBX
óE?¬M;X L;QÌB i ;B9T KbM? ?¼+ #`B- ?¬K M v Km®M i`ª ÆM5ô
ó*€B ;b\ *"m [m2M pÈB M? 'v K" KbM? F?¬M; #B i b Q\ô Gw >mv M ?ûi H M pÈB +
oä *?B m .QÆM; HB + K„i K°i pÁM; - ?ÆB M;?B M; ç-mX ó"" +¬ +O i¬BX *"m bm®
[m M?- +ÁM +| i?ÌB ;B M /"M? +?Q KbM? b Q\ô

Gw >mv M +Q`B tÁ - +^aK i? 'v *?B m .QÆM; M|B ç9M;X ósBM H¶B K"5ô
 óh?¬B- b„T M;?d ;B[;Bì`²B- KbM? çB çQ MQÊ+ ç•v5ô \*¬ #QÊ+ çB i`QÊ+ ? B #Q
 óæÊB KbM?5ô Gw >mv M çm´B i?2Q- #€K H'v +€M? i v +¬X
 E?B iB M; +ÁB +O i`¼M; i`B pW p M; H M- M[bBM? +€+ HÈT M p`Q b•M #|M; - i`
 M? +?`M; KbM? i?Q+?X oä \*?B m .QÆM; +?2M i`QM; ç€K ç¬M; +kM; F?¬M; i? Q
 çQÊ+- tmM; [m M? M? +|`'i M?B m M[bBM?X
 *¬ #m²M #½ HMB p b m K'v #QÊ+X "¶M; S?MM; >^aB *?QM? HB + K„i p T?Q +¬-
 +¬ K°i +€BX *¬ pšv i v +?`Q H¢B- çQ +? B MQÊ+ H M + Q- +?d p`Q ç€K ç¬M; `²B
 KbM? F?¬M; i? +?2M [m çQÊ+X L;Q`B /U çQ€M +O +¬- S?MM; >^aB *?QM? M|B
 [m ç€K ç¬M; ç iB M p T?Q +¬X h`QÊ+ bU +?SM; FB M +O M;`M +QM K„i ;?2M i
 +? B MQÊ+ i`QM; i v oä *?B m .QÆM; - KÎ M„T im WM; U+X
 ó>¬K [m p +|¬M #`B F?¬M; \ô M? ?ÄB- m®M; ? i +? B MQÊ+X
 *¬ ;"i ç¬m- H'v +? B MQÊ+ i`QM; +†T çQ i? K +?Q M?X
 ó"¢M 2K ``\ô M? ?ÄB- ç€M? K„i p Gw >mv M # M +¢M? +¬X
 *¬ KÈB M?È` - p°B p`M; ;BÈB i?B mX ó§- Gw >mv M- #¼M 2K ?¼+ +?mM; HÈTX
 >mv MX ó M? S?MM; >^aB L K ô
 G`B +ÁM +?Q M|B tQM; - Gw >mv M ç½ M; „i M; M;X ó1K #B i M?- M? M´B iB M;
 F?¬M; #B iXô
 óo"v ``\ô S?MM; >^aB *?QM? +Q`B +Q`BX
 J½B b m M"v oä *?B m .QÆM; KÈB #B i- ?|` M; v i¢B F?Q^aM? F?„+ ç| - M? ç½ #
 M|B H9+ ç| ;QÆM; K†i Gw >mv M b€M; #WM; - ``i`¢M; `Ð- i'i +^aMûi ç T M; •v i?Æ
 HÈM ç m ?°B iK i` M;QÆM; K†i +¬ ;€B 'vX E?B ç| +¬ KÈB iBM +•m M|B- ç9M; M;Q
 M;Q`B- b B Hm¬M +<sup>a</sup>i?`B çB KX
 ó>¬K M`Q ? M ? B çS çB +?ÆB çQÊ+ F?¬M; \ô S?MM; >^aB *?QM? ?ÄB- K†i ç¬v K²
 Gw >mv M p°B p`M; ;"i ç¬mX
 óh?S #^av M"v M?û\ô M? ç M;?`X
 óæQÊ+ ¢5ô Gw >mv M iB T H`BX
 oä *?B m .QÆM; +ÁM +?Q F`T H M iB M; i?b M? ç½ [m v çBX
 oW [m v H¢B b•M #|M; M? pW M|BX óa€M; i?S #^av Î +¬M; pB M çQ`M; b® i€KX L
 *¬ ;€B # M +¢M? +Q`B iQ2- +¬ +?d #B i pšv i v +?`Q H¢BX
 L;?o` ;b ç| - oä \*?B m .QÆM; p°B M|BX óG`K b Q ç•v\ h?S #^av M"v KbM? T?^aB çB
 ó>^a- i?"i b Q\ a Q H9+ M½v +`m F?¬M; M|B- ç M? 'v ? M M;`v F?€+\ô *¬ M?bM i?
 Gw >mv MX
 E?¬M; Km®M ç #¢M #m²M- +¬ M|BX ó> B M;Q`B +S çB çB- M? 'v iY i H„K- +`m F
 óæQÊ+ F?¬M; \ô Gw >mv M M?QÈM; +?•M K"v- ?ÄB +¬X
 oä *?B m .QÆM; ;"i ç¬m- Gw >mv M H'v H¢B p iQÆB i„M M; v H"TiS+X

8RX *?QÆM; jy, *?QÆM; k

h?U+ ` oă \*?B m .QÆM; F?-M; ?ŠM H" çB i?,K -M; #" M°BX ob -M; #" M°B +O + K'v #QÊ+ H" iÊBX JK+ çQ+? +?QM? H" pb >¢ hmv i .mv M @ +?` ;€B +MM; K F?€-

hW #û +¬ ç½ `i ?•K K° >¢ hmv i .mv MX h`QM; F?B +€+ #û ;€B KQM; Km®M i`î i?" KQM; çQÊ+ i?"M? +?` >¢ hmv i .mv MX

L;`v #û- F?B +¬ b€m im' B- H-M ç-m iB M i`QM; çlB #` #¢M ?¼+ #„i M¢i- ç9M; H9+ i`QlM; çlM +¬- M?bM i?'v +ªM? +¬ #` K°i çS +QM i` B M„K i|+- >¢ hmv i .mv M ç½ FB K°i i`"MX " K + "m M?|+ 'v ç M ?ÄB i°B- >¢ hmv i .mv M F?-M; M?[M; F?-M F?B M ? B pÊ+?²M; +?d #B i -K +QM p M?"X

hW çl >¢ hmv i .mv M i`î i?"M? M[ M? ?MM; i`QM; HÁM; oă *?B m .QÆM; X

*"M; HÈM- b® H-M ?¼ ;†T M? m + "M; QiX J°i M,K +MM; H„K ;†T M? m çQÊ+ K°i H p"Q M;`v ;B¶ -M; #" M;Q¢BX h? M M +¬ Hm-M i` M? i?O i?lB ;B M M`v ç çQÊ+ ;

Zm HlB F +O K - >¢ hmv i .mv M F?B +ÁM #û ç½ `i b€M; /¢- HÈM H M ?¼+ ?"M? + Q i`QM; HÈTX >¢ hmv i .mv M i`QM; iQlM; iQÊM; +O +¬ H" K°i M;QlB +?` imv i +?` 'v H9+ M"Q +kM; H¢M? i M?X L?B m H-M +¬ Km®M ç M ?ÄB i?,K H¢B #` €M? l

" M ç-m +¬ +ÁM iQlM; KbM? #` €KªM? pÈB +?` ;€B M M KÈB M?bM i?'v p"vX E?- 2K i` B `m°i +O >¢ hmv i .mv M +kM; bÊ €M? M?bM b„+ #ûM +O +?` 'vX

oă *?B m .QÆM; i?•M pÈB >¢ æ-M; ok ?ÆM K°i +?9iX *"m i i?QlM; p M?" +¬ î +?A tmv M i` m +?¼+ +¬X

E?B M;?2 K MlB i?S #ªv M`v >¢ hmv i .mv M p M?" ,M #[ +ÆK- oă \*?B m .QÆM; çQÊ+ +?"M; i` B KbM? i?Q+?X *- Km®M i¢Q 'M iQÊM; i®i pÈB >¢ hmv i .mv MX

óa Q +?` 'v H¢B p i? ¢lô *- ?ÄB pm pÆX

óJ`v çQ€M t2Klô >¢ æ-M; ok M^K QlM i` M ;? b¬ T? - +?•M ;€+ i` M i?"M? ;? X

ó1K F?-M; #B iXô *- i?"i i?" i?9 M?"MX

óL?" i Q ç M; bY - i Q [m M #€Q pÈB +?` 'v- i? H" K F m +?` [m ç•v5ô

ó M? +l #B i +?` 'v i?Q+? ;b F?-M;lô *?B m .QÆM; M;²B î ;? ç®B /B M- M?bM +?

*"m i plbm v M;?o ;b çl b•m b„+- M; v b m çl # "i` +?[ ðiB MöX óJ`v +?Q +?` 'v M i?2Q K`vX E?-M; +l iB M i?b +?`m i?-B- ;B®M; i Q p"v M - #` +?` 'v ç€M? ?Q`B5ô

*¬ +QlB K'v iB M;- #` >¢ æ-M; ok HB + K°i +€B KÈB +?`m M;"K KB M;X

o M?"- >¢ hmv i .mv M F?-M; K M; ;b M?B m- K'v KlM ç² i~K #´ +?Q K - #° [m-M p` ç¬B ;B`v i? i? Q KÈB iBM? +?Q oă *?B m .QÆM; X

*¬ M;²B ç®B /B M +?` ;€B- K'v H-M +S HûM M?bM +?` tQM; M;²B +QlB iOK idKX

>¢ hmv i .mv M #B i +QM #û i?Q+? KbM?- M?QM; +¬ K†+ F - i?€B ç° pšM +S ?l ?[M

•M i®B tQM; >¢ hmv i .mv M çB M; vX o"v H" oă *?B m .QÆM; H¢B K'i çB +Æ ?°B ;€BX

a€M; i?S ? B ç-m im-MX oă *?B m .QÆM; pšM ç M HÈT M?Q K¼B F?B- iB i ?¼+ #` i bm¬M b X

æ M ;Bl` +?ÆB- +¬ M;²B i`QM; HÈT +?m~M #` +?Q K¬M ?¼+ iB T i?2QX æ°i M? M;Q`B +l M;QlB ibKX

oă *?B m .QÆM; M?bM ` # M M;Q`B M?QM; M;QlB çl M9T b m #S+ iQlM;- +¬ F?-

oW #QÊ+ ` F?ÄB +Y HÈT- +¬ #` S?MM; >ªB *?QM? ?M +?Q ;B"i KbM?X

óZm" +O 2K ç•v5ô M? çQ +?Q +¬

8kX *?QÆM; jy, L;QÌB *k L;QÌB JÈB

h?U+ ` oă \*?B m .QÆM; F?¬M; ?ŠM H" çB i?,K ¬M; #" M°BX ob ¬M; #" M°B +O + K'v #QÊ+ H" iËBX JK+ çQ+? +?QM? H" pb >¢ hmv i .mv M @ +?` ;€B +MM; K F?€-

hW #û +¬ ç½ `i ?•K K° >¢ hmv i .mv MX h`QM; F?B +€+ #û ;€B KQM; Km®M i`î i?" KQM; çQÊ+ i?"M? +?` >¢ hmv i .mv MX

L;`v #û- F?B +¬ b€m im' B- H-M ç-m iB M i`QM; çÌB #` #¢M ?¼+ #„i M¢i- ç9M; H9+ i`QÌM; ç|M +¬- M?bM i?'v +ªM? +¬ #` K°i çS +QM i` B M„K i|+- >¢ hmv i .mv M ç½ FB K°i i`"MX " K + "m M?|+ 'v ç M ?ÄB i°B- >¢ hmv i .mv M F?¬M; M?[M; F?¬M F?B M ? B pÊ+?²M; +?d #B i ¬K +QM p M?"X

hW ç| >¢ hmv i .mv M i`î i?"M? M[ M? ?MM; i`QM; HÁM; oă *?B m .QÆM; X

*"M; HÈM- b® H-M ?¼ ;†T M? m + "M; QiX J°i M,K +MM; H„K ;†T M? m çQÊ+ K°i H p"Q M;`v ;B¶ ¬M; #" M;Q¢BX h? M M +¬ Hm¬M i` M? i?O i?ÌB ;B M M"v ç çQÊ+ ;

Zm HÌB F +O K - >¢ hmv i .mv M F?B +ÁM #û ç½ `i b€M; /¢- HÈM H M ?¼+ ?"M? + Q i`QM; HÈTX >¢ hmv i .mv M i`QM; iQÎM; iQÊM; +O +¬ H" K°i M;QÌB +?` imv i +?` 'v H9+ M"Q +kM; H¢M? i M?X L?B m H-M +¬ Km®M ç M ?ÄB i?,K H¢B #` €M?

" M ç-m +¬ +ÁM iQÎM; KbM? #` €KªM? pÈB +?` ;€B M M KÈB M?bM i?'v p"vX E?¬ 2K i` B `m°i +O >¢ hmv i .mv M +kM; bÊ €M? M?bM b„+ #ûM +O +?` 'vX

oă *?B m .QÆM; i?•M pÈB >¢ æ¬M; ok ?ÆM K°i +?9iX *"m i i?QÌM; p M?" +¬ Î +?A tmv M i` m +?¼+ +¬X

E?B M;?2 K M|B i?S #ªv M"v >¢ hmv i .mv M p M?" ,M #[+ÆK- oă *?B m .QÆM; çQÊ+ +?"M; i` B KbM? i?Q+?X *¬ Km®M i¢Q 'M iQÊM; i®i pÈB >¢ hmv i .mv MX

óa Q +?` 'v H¢B p i? ¢\ô *¬ ?ÄB pm pÆX

óJ"v çQ€M t2K\ô >¢ æ¬M; ok M^K QÌM i` M ;? b¬T? - +?•M ;€+ i` M i?"M? ;? X

ó1K F?¬M; #B iXô *¬ i?"i i?" i?9 M?"MX

óL?" i Q ç M; bY - i Q [m M #€Q pÈB +?` 'v- i? H" K F m +?` [m ç•v5ô

ó M? +| #B i +?` 'v i?Q+? ;b F?¬M;\ô *?B m .QÆM; M;²B Î ;? ç®B /B M- M?bM +?

*"m i p|bmv M;?o ;b ç| b•m b„+- M; v b m ç| #"i` +?[ óiB MôX óJ"v +?Q +?` 'v M i?2Q K"vX E?¬M; +| iB M i?b +?`m i?¬B- ;B®M; i Q p"v M - #` +?` 'v ç€M? ?Q" B5ô

*¬ +QÌB K'v iB M;- #` >¢ æ¬M; ok HB + K°i +€B KÈB +?`m M;"K KB M;X

o M?"- >¢ hmv i .mv M F?¬M; K M; ;b M?B m- K'v K|M ç² i~K #´ +?Q K - #° [m-M p" ç¬B ;B"v i? i? Q KÈB iBM? +?Q oă *?B m .QÆM; X

*¬ pW M|B tQM;- Gw >mv M HB M T?Ki +Q`BX *¬ 'v ç€M? p"Q p B +¬ K'v +€BX ó*"
 T?ªB ?ÆM KbM? +ª +€B ç-mX :B`i?b KbM? ç½ ?B m i¢B b Q K¬M hQ€M +O + "m H
 óªK ÆMXô *¬ HW K„i M?bM #¢M- [m v H¢B +?¶ M;²BX

J¶B M;¨v i` M i` M; r2# +O M[bBM? tm'i ?B M M?B m i'KªM? +?KT HûM h?€B Zm
 i? M"Q + "m i pšM ç T tm'i b„+ - ç9M; H¨ +?¨M; i` B õF?¬M; ;|+ +? iöX

o"Q ;B`bBM? ?Q¢i +m®B im-M- F?B i?-v ;B€Q ?ÄB +| B +| w FB M ;b F?¬M;- i?b
 oä *?B m .QÆM; M;?o- + "m i KÈB ?¼+ +| K'v ?¬K ç½ Km®M i` M? +?S+ +€M #° HÈ
 çÆM ;BªMX

L?QM; + "m i çSM; H M p¨ +?d ç M;?` çQÊ+ +?mv M +?¶ M;²BX

:B€Q pB M ?ÄB + "m i F?¬M; pW HÁM; çB m ;b- + "m i HB M M|B /Q M? +?¨M; H
 +O + "m i X

*ª HÈT çQÊ+ K°i i`"M +Q`B MQ #KM;X

'v p"v K¨ ;B€Q pB M pšM ç²M; w ç´B +?¶ +?Q + "m i - +ÁM +?Q + "m i +?¼M +?¶ M;

*ª HÈT BK H†M; +?ì çÊBX L½v ;B`oä *?B m .QÆM; pšM ç M; +® ;BªB #¨B iQ€M H
 [m M?X æ M F?B tmM; [m M? BK H†M; +¬ KÈB M;~M; ç-m H M- T?€i ?B M K'v +
 KbM?-

89X *?QÆM; jR, JM >¢ JM æ¬M;

am®i; -M K°i i?€M; - M; "v M"Q oä *?B m .QÆM; +kM; FB M i`b ; YB i?Q ç m ç†M +? F?¬M; +ÁM M?"M çQÊ+ i?Q ?²B •K M[X

*?Q ç M F?B M,K ?¼+ KÈB #„i ç-m- +¬ +kM; iW #Ä pB + pB i M?[M; H€i?Q F?¬M;

hBM iS+ p S?MM; >ªB *?QM? +¬M; H9+ +¬M; ?B K ?QBX G•m i?"i H•m KÈB +| K°i ç" M M[bBM?X

"„i ç-m M,K ?¼+ KÈB- +?mv M Gw >mv M p" S?MM; >ªB *?QM? F i i?9+ v m çQÆ +?"M; i` BX >¼ #„i ç-m +¬M; +m°+ i?2Q çm´B +ÁM ç M; / M; /Î H9+ i`QÊ+X Zmª M +¬M; +?9 çQÊ+ +mM; T?KM;X

oä *?B m .QÆM; M; ?o +m°+ b®M; i`mM; ?¼+ +O KbM? b) i`¬B [m #bM? H†M; M? +QM i` B FB tm'i ?B MX E?¬M; +?d +m°+ b®M; +O +¬ K" +ÁM +O `i M?B m M[r2# +O ?°B M[bBM? çQÊ+ /`T b®M; /"v M?[M; M; "v i?€M; ?mv ?Q" M;X

:B[M,K HÈT KQìB ? B- ; B€Q pB M i?¬M; #€Q +| K°i ?¼+ bBM? KÈB +?mv M p"Q

>¼+ bBM? KÈB i?b Hm¬M ; •v iÁ KÁX *?ŠM; # Q H•m b m- i?•M i? ;B +ªM? +O +

h` M i` M; r2# +O ?°B M[bBM?- ç-m i` M; H" iB m ç M´B #"i çQÊ+ BM ç"K- ó"¢M +QM i` B i, T?9\ô

S?Q /QÈB H" K°i HQ¢iªM? +?KT M?" + "m i +MM; M?[M; MÆB t ?Q + "m i ? v ç M Hm" M #|+ K)- K" ç T?¬M ç m H" #bM? Hm" M +O i?B m M[K°M; KÆ KQM; Km®M i?B m ;B h?€B Zm®+ "ªQX

oä *?B m .QÆM; H M i` M; r2# +?d ç ibK FB K +?9i iBM iS+ Qi ÄB +O S?MM; >ªB /ÁM; iB m ç M´B #"i KÈB #'K p"Q t2KX h?9i?"i i?b + "m ?¼+ bBM? KÈB 'v `i ç Ti + Q K¬B çÄ- M?bM + "m i +¬ H¢B M; ?o ç M K´v +?"M; +¬M; iY #°i M; "v tQ - i?•M M; Q" B i`iB M„M; HÈMX

a€M; M; "v i?S iQ- h?€B Zm®+ "ªQ i?2Q i?¬v [mªM bBM? p"Q HÈT KQìB ? B #®MX + "m i tm'i ?B M F?¬M; ? ²M "Q- F?¬M; +| çQ" M `QÊ+ iW +´M; p"Q- F?¬M; +| t2 H

aU tm'i ?B M ç½ çQÊ+ iB M çQ€M i`QÊ+ +O + "m i pšM F?B M ?"M; HQ¢i M[ bBM? .QÆM; +kM; +| +?9i / Q ç°M; i`QÊ+ +?"M; i` B ç T M?Q i? - M m +¬ F?¬M; / Q ç°M p ;BÈB iQM?X

oä *?B m .QÆM; M; ²B K°i KbM? K°i #¬M b€i +Y b´- H¢B +ÁM H" p` i`Q +m®B HÈT K¼B +?mv M tªv ` i`QM; HÈTX

h?€B Zm®+ "ªQ çQÊ+ t T M; ²B #¬M i?S iQ /½v ;B[- # M +¢M? + "m i H" HÈT i`QîM

E?ÄB M|B +kM; #B i- K´v iB i ?¼+ b m ç| F?¬M; +| B +?`m M; ?2 ;BªM; - F +ª Gw >

:B€Q pB M M[+kM; pb bU tm'i ?B M +O + "m i K" i`Î M M M[iQM? ?ÆM K¼B M; "v

Gw >mv M M; ²B #¬M i?S M,K- b m HQM; h?€B Zm®+ "ªQ- +¬ 'v HB M iK+ [m v ç-m + "m i ç Ti` B- `²B i?ÆK- `²B i`„M; pÈB oä *?B m .QÆM; X *¬ ; "i ç-m +QìB +QìB p

E?¬M; T?ªB +¬ F?¬M; +| ?SM; i?9 pÈB + "m #¢M KÈB- K" pb K´v ?¬K i`QÊ+ ; B€Q pB i?¬M; #€Q F i [mª ?¼+ i" T +O +¬ F?€i®i- M m +S /mv i`b M?Q p"v +?„+ b) ç¢i çQÊ ç"m p"Q i`QîM; ç¢B ?¼+ EX ob Hw /Q ç| - +¬ F?¬M; +?Q T?ûT #ªM i?•M +? M? KªM +ÁM ?ÆM #®M i?€M; M[H" ç M Fb i?BX

*¬ Km®M ;B®M; >¢ hmv i .mv M M M Hm¬M +® ;„M; ? i bS+ KbM? ç çQÊ+ M?Q +? ?¼+ EX L,K ç| >¢ hmv i .mv M i?B ç¢i çB K `i + Q- M?QM; pb Hw /Q ;b ç| H¢B +? `i M?B m M; QìB iB + +?Q +?` 'vX

*ÁM pÈB çS i®B /¢ M?Q oä *?B m .QÆM; - T?ªB `i +?"i p"i KÈB KQM; ç"m p"Q çQ

:Bì` +?ÆB- h?€B Zm®+ "ªQ M? M? +?¡M; ?Á M?"T çQÊ+ pÈB ç€K +QM i` B i`QM
 +?ÆB- ç€K +QM ;€B M;²B i`QM; HÈT #`M i€M p +`m ?¼+ bBM? KÈBX
 Gw >mv M +?¢v ç M- M;²B i`QÊ+ K†i +¬X óæ T i` B F?¬M; \ô
 *¬ iÄ p M?Q 7 M ?•K K° i?U+ bU- ¬K K†i i?®i H MX óZm€ KS+ ç T i` B5ô L¡B tQM
 /YM; /QM;X
 ó*"m F?¬M; [m M i•K i? bU ;b +ª5ô *¬ 'v ;B`M? H'v +•v #9i +?b i`QM; i v oä *?B
 i?ªQ Hm"M +?O ç M`vX
 *¬ i?Î /`B- M?bM +•v #9i +?b +O KbM?X óh`ª +?Q KbM?5ô
 ó*"m +?Q +€B M½Q M?Ä +O +`m M;?d M;ÆB K°i H€i çQÊ+ F?¬M; \ô
 óE?¬M; çQÊ+ - b„T i?B `²BXô \*¬ M?Qm K`vX
 óªÁM i"M #®M i?€M; M[+Æ K`5 *?ÆB pÈB KbM? +?9i i?¬B5ô Gw >mv M M„K i v +
 'v T?QM?` - H`K` p ç€M; v mX
 ó*?B m +`m H-M M`v i?¬B ç'v5ô *¬ ?¢ ;B¼M; - +QìB pÈB +¬ #¢MX
 > B +¬ ;€B çSM; # M F?mM; +Y b´- M?bM` b•M i? /K+ T?Q t t X h` M b•M H` ç
 Zm®+ "ªQX
 ó*"m çQ€M h?€B Zm®+ "ªQ + Q # Q M?B m\ô Gw >mv M ?mw+? p`Q i v +¬ - K„i F?¬
 i` M b•M #¡M;X
 óE?¬M; #B iXô *¬ ?ì ?[M; - K„i +?, K +?, K p`Q p` i`Q F?€M ç`B- i`€B iBK +?Êi M?¡B
 óh?b p"v KÈB #ªQ +`m çQ€MXô
 óJ°i Kûi b€m ô
 *¬ pW M¡B tQM; - Gw >mv M HB M T?Ki +QìBX *¬ 'v ç€M? p`Q p B +¬ K'v +€BX ó*
 T?ªB ?ÆM KbM? +ª +€B ç-mX :Bì i?b KbM? ç½ ?B m i¢B b Q K¬M hQ€M +O +`m H
 óªªK ÆMXô *¬ HW K„i M?bM #¢M- [m v H¢B +?¶ M;²BX
 J¶B M;`v i` M i` M; r2# +O M[bBM? tm'i ?B M M?B m i'KªM? +?KT HûM h?€B Zm
 i? M`Q +`m i pšM ç T tm'i b„+ - ç9M; H` +?`M; i` B óF?¬M; ;¡+ +? iôX
 o`Q ;Bì bBM? ?Q¢i +m®B im-M- F?B i?¬v ;B€Q ?ÄB +¡ B +¡ w FB M ;b F?¬M; - i?b
 oä *?B m .QÆM; M;?o- +`m i KÈB ?¼+ +¡ K'v ?¬K ç½ Km®M i` M? +?S+ +€M #° HÈ
 çÆM ;BªMX
 L?QM; +`m i çSM; H M p` +?d ç M;?` çQÊ+ +?mv M +?¶ M;²BX
 :B€Q pB M ?ÄB +`m i F?¬M; pW HÁM; çB m ;b- +`m i HB M M¡B /Q M? +?`M; H
 +O +`m i X
 *ª HÈT çQÊ+ K°i i`"M +QìB MQ #KM;X
 'v p"v K` ;B€Q pB M pšM ç²M; w ç´B +?¶ +?Q +`m i - +ÁM +?Q +`m i +?¼M +?¶ M;
 *ª HÈT BK H†M; +?ì çÈBX L½v ;Bì oä *?B m .QÆM; pšM ç M; +® ;BªB #`B iQ€M H
 [m M?X æ M F?B tmM; [m M? BK H†M; +¬ KÈB M;~M; ç-m H M- T?€i ?B M K'v +
 KbM?- p`F ç-m bÄ ;•v ` +?mv M M`v +?QM? H` h?€B Zm®+ "ªQX *`m i Km®M M;
 *`m i #QM; #`M ;? tm®M; +?¶ +¬ - /äM; /¢+ M¡BX óh¬B Km®M M;²B b€i +Y b´- +`
 *¬ M;²B Î p` i`Q M`v ;¬M # M,K- çQÆM; M?B M F?¬M; ç²M; w ç´B pÈB +?Q +`m i X
 #ªM; Î ;¡+ M`v `²B- +`m M;²B Î ç¡ çBXô h¬B ` ?B m +?Q +`m i M;²B F # MX
 h?€B Zm®+ "ªQ F?¬M; M¡B i? K ;b- M;Q M M;Q½M t T #`M ;? # M +¢M? #`M +¬ `²

*¬ #B i- i?€B ç° ?ì ?[M; H9+ M½v +O KbM? b) F?B M ç€K +QM ;€B i`QM; HÈT M|B
çB çQÊ+ K" +ÁM iÄ` i? M? + QX æ9M; H" +¬ +| +?9i`mM; ç°M; F?B + "m i M;²B
/ Q ç°M; K°i +?9i i?¬B- pb /M b Q + "m i +kM; ç T i` B M?Q p"v K"5

ó"m i M ;b\ô h?€B Zm®+ "ªQ ç°i M?B M [m v [m ?ÄB +¬- K†i ?ÆB M;?B M; p T?

*¬ ;'T pî #`B i" T H¢B- i`ª HÌB H'v H X óoä *?B m .QÆM;Xôóæ M; H`K #`B i" T `ìô
#`M +¬X

oä *?B m .QÆM; +ªK i?'v F?¬M; i?QªB K€B- +| T?¬M F?| +?`mX *¬ óWô K°i iB M;

> B #¢M M[#`M i` M [m v tm®M; i`Á +?mv M pÈB h?€B Zm®+ "ªQX L?bM ?¼- +¬
M;`v i?b ?^M ?¼+ pÈB +¬- p"v K" ?¬K M v H¢B iÄ` 2 i? M i`QÊ+ K†i M? +?"M; ç T
`²B i?Î /`BX

h`QM; #½B ç¶ t2- oä \*?B m .QÆM; ç M; HQ v ?Q v /„i t2` M;Q`B i?b #` h?€B Zm®
i¬M; p`Q çm¬B t2 +¬- p K†i ç¬v F?B m F?Q+?X *¬ [m v ç¬m- +?•M K"v ?ÆB M?Q
?"M? ç°M; i` +QM +O + "m i X

h?S ? B ç¬m im¬M- h?€B Zm®+ "ªQ pW ç M ç½ M^K /`B i` M #`M- F?„T M;QìB /€M
Gw >mv M [m v tm®M; ?ÄB i?,K- + "m i tm i v F?¬M; Km®M i`ª HÌBX

E?B oä *?B m .QÆM; iÈB- +€+ #¢M M[ç M; i" T i`mM; [m M? #`M h?€B Zm®+ "ªQ-
ó/•M; H Mô +?Q + "m i X *¬ ç~v p`B +¬ #¢M ` ç M;²B p`Q +?¶ +O KbM?X

J°i H9+ b m h?€B Zm®+ "ªQ çm´B ç€K +QM ;€B çBX

oä *?B m .QÆM; pW H¬B #bM? MQÊ+ i`QM; +†T ` ç½ #` + "m i +?KT H'v- m®M; K

*¬ ?€ ?®+ K²K M?bM + "m i - `²B H¢B M?bM Gw >mv M ç½ +?SM; FB M çQÊ+ ? i K
M|B #^M; F?~m ?bM? KB M; b) Km H¢B #bM? F?€+ ç M +?Q +¬- H9+ ç| +¬ KÈB +?

8eX *?QÆM; jk, S?Q æ¬M; S?Q h•v

J°i M; "v +m®B i?€M; iQ- oä *?B m .QÆM; çQÊ+ i?¬M; #€Q `^M; K +¬; †T i B M¢M
«M; oä ç M; Î +?¶ H"K- M; ?2 iBM /[p°B p" M; +?¢v p"Q # M? pB M- iB M çQÌM; ;?0
oä *?B m .QÆM; #B iX

"€+ bo M|B F?Q /[i`U K€m +O # M? pB M F?¬M; +ÁM # Q M?B m- F m M; QÌB M?"

E i [mª tûi M; ?B K K€m +O oä *?B m .QÆM; F?¬M; i? i`mv M +?Q K X «M; oä p°
>¢ @ +?²M; +k +O pÊ KbM? @ M?ì ¬M; 'v HB M H¢+ pÊB ? B çS +QMX

:¬M K°i iB M; b m ç| - >¢ hmv i .mv M +?¢v ç M- +?d F`T +?"Q ?ÄB [m HQ `²B i?2

E i [mª M?|K K€m +O +¬ +?Q çQÊ+X h? H" >¢ hmv i .mv M p"Q T?ÁM; T?šm i?m"

am®i ? B iB M; +?ì çÊB i`QÊ+ T?ÁM; T?šm i?m"i- F?¬M; B M|B pÊB B +•m M"QX
M; "v ? v i` m +?¼+ K¼B M; QÌB ?¬K M v +kM; BK H†M; ç M H¢ HMM; X

E?B #€+ bo i?¬M; #€Q + T?šm i?m"i i?"M? +¬M; - K¼B M; QÌB KÊB i?Î T?"Q M? M

" " GQm h?"M? L; ¼+ çQÊ+ çQ p"Q T?ÁM; ?²B bS+- >¢ hmv i .mv M M^K Î T?ÁM; #

*ª >¢ æ¬M; ok p" oä *?B m .QÆM; ç m Î # M +¢M? +?" ; €B +?ì +?" idM? H¢BX

E?B >¢ hmv i .mv M idM? H¢B- oä *?B m .QÆM; `i KWM; - M?QM; +¬ +?d çSM; t

L; "v ?¬K ç| ; †T çQÊ+ >¢ hmv i .mv M- M|B +?mv M çQÊ+ ? B +•m pÊB +?" ; €B K"
K†iX

>¬K b m +¬ pšM ç M i`QÌM; M?Q #bM? i?QÌM; - h?€B Zm®+ "ªQ pšM HQÌB #B M; p
*?ŠM; ?¢M M?Q p) #"v p"Q pÎ +¬- /MM; #9i p) H M i v +¬ K'v çQÌM; - i?"K +?Q +Á
M?bM +¬ +?^K +?^KX

_ 'i M?B m H¬M +¬ iÄ i?€B ç° F?| +?"m- M?QM; ?bM? M?Q + "m i F?¬M; ?B m- ?
+?mv M F?| Q M?Q i? X

h M ?¼+- +¬ H¢B p"Q # M? pB M i?, K K X E?B #€+ bo i?, K F?€K +?Q # " GQm h?"
HMB ` b mX \*¬ M?bM +?¶ i`®M; # M +¢M? >¢ hmv i .mv M- ç'm i` M? iQ iQÎM; ?
#QÊ+ ç M M; ²B +¢M? +?" ; €BX

*?d +-M K°i #QÊ+ /kM; +ªK- +¬ ç½ +| çQÊ+ çB m KbM? KQM; QÊ+ #'v H•mX æ| H
hmv i .mv MX

G¬M ç¬m iB M i`QM; çÌB ? B +?" 2K M|B +?mv M pÊB M? m H•m ç M i? - >¢ hmv i .
+ªK M; "v tQ +O +?" 'v +?Q +¬ M; ?2X

hW H¬M ç| i`Î çB- ?¬K M"Q oä *?B m .QÆM; +kM; M?„M iBM ?ÄB +?mv M >¢ hmv i
+?d K°i +•m +°+ H®+- +¬ +kM; +ªK i?'v `i pmBX

JQÌB M; "v b m ç| K +¬ çQÊ+ tm'i pB M- ç²M; i?ÌB K +¬ i?¬M; #€Q +?" hmv i .mv

*¬ iWM; ; †T [m M; QÌB ç" M ¬M; v m +?" >¢ hmv i .mv MX M? 'v `i ç T i` B- H¢B
? i KU+- M?bM M? 'v- +¬ +?Êi M?Ê ç M S?MM; >ªB *?QM?- pb M? +kM; +| Mûi i
h`bM? +O +?" hmv i .mv MX

J°i i?€M; i`QÊ+ Fb i?B i®i M; ?B TX h?€B Zm®+ "ªQ ç°i M; °i M|B i?Q +? oä *?B m
; €B + "m i X

*?B m ?¬K 'v- h?€B Zm®+ "ªQ H¢B +?†M t2 oä *?B m .QÆM; X *¬ ç½ +® ibM? ` i`
+ "m i pšM çSM; çÊBX

óL "v- + "m #B i i¬B i?Q +? + "m T?ªB F?¬M; \ô h?€B Zm®+ "ªQ M?bM i?ŠM; p"Q K„i

oä *?B m .QÆM; F?¬M; i`ª HÌB- +¬ +?d i?Î /`B K°i iB M; X
óo"v i?b +?9M; i [m2M M? m çB5ô
*¬ pšM +?Q `^M; + "m i çM +Êi pÈB KbM?- M M iªM; Hì i' i +ª- `) t2 b M; T?ªB ç i`
óL`v- i`ª HÌB +€B ;b çB +?S\ô _ä ``M; + "m i F?¬M; +! w ç`M? #m¬M; i? +?Q +¬ F
HÌBX ó:B çbM? i¬B b„T b M; M? ç`M? +Q- i¬B F?¬M; Km®M #Ä HÐ + "m- M M ?½
h`QM; ç¬B K„i b€M; `U+ +O + "m i - +¬ F?¬M; ibK i?'v +?9i bU #¬M; çM M`QX *¬
.mv M iWM; M!B- óL m + "m i v m 2K- M?'i ç`M? b) çÊB çQÊ+ 2KXôX o` i? H`- +¬
óE?¬M; 5ô *?d K°i iW- T?O #Ä i' i +ª M¶ HU+ #'v H•m M v +O + "m i X
h?€B Zm®+ "ªQ M; ?2 tQM; HÌB iW +?®B `²B +? i çSM; i¢B +?¶X *¬ +ªK i?'v €v M€
"ªQ M; ?B K i9+ ç M i? X *?Q ç M M; `v ?¬K b m- F?B h?€B Zm®+ "ªQ F?¬M; ç M H
KbM? i?U+ bU [m€ M?šM i•K pÈB + "m i X
E?¬M; B #B i +?mv M + "m i iÄ ibM? pÈB +¬- p` F?¬M; B #B i +¬ ç M; ?®B ?"M ç
:BÌ` +?ÆB M; `v ?¬K b m- h?€B Zm®+ "ªQ KÈB tm'i?B MX oW p`Q HÈT + "m i ç½
ç¬B K„i +?S ç-v iB ;B" M /[X
L; `v ?¬K ç!- F?¬M; B /€K H¢B ;¬M ?ÄB +?mv M + "m i - pb Î ;¬M i?¬B +kM; #` Hm²
+?Q +? i F?B TX
oB + + "m i i`Î M M +°+ +^M M?Q p`v F?B M oä *?B m .QÆM; `i F?! +?`m- K°i T?¬
ibM? pÈB +¬ p` #` +¬ iW +?®BX
h`ªB [m K'v iB i ?¼+ M†M; M - +m®B +MM; oä \*?B m .QÆM; [mv i ç`M? KÎ HÌB i`C
h?€B Zm®+ "ªQ +?d HB + +¬ K°i +€BX óh¬B F?¬M; /€K5ô
* "m i F?¬M; M!B i? K ;b M[X æ! +kM; H` +•m M!B +m®B +MM; K` + "m i M!B pÈB
h?S b€m im-M ç!- ;B çbM? + "m i +?mv M b M; MQÈ+ M; Q`B ç`M? +QX h`QÈ+ F?B
+ "m #¢M HÈT i`QÎM; M?„M H¢B pÈB oä \*?B m .QÆM; - `^M; + "m i b) ;?B ?"M i¬B b
*¬ +?ŠM; ?B m M´B KbM? ç½ T?¢K i°B ;b M; ?B K i`¼M; ç h?€B Zm®+ "ªQ ?"M ç
Î M? +! ;b ? v ?Q K` +ª S?MM; >ªB \*?QM? p` h?€B Zm®+ "ªQ çm M? m b M; ç!X

8dX *?QÆM; jj, *?QÆM; 8

J°i M; `v ç-m i?€M; #ªv- b m K'v i?€M; +?"i p"i pÈB #° ç Hmv M i?B- +m®B +MM;
M; QÌB #¢M ?¼+ +! i? MûK +?9M; çBX o` F?B +¬K çQÊ+ i! ;B'v #€Q i`9M; imv M æ
`~v +ª M; QÌBX
*ÁM K°i çB m pmB KWM; ?ÆM H` Gw >mv M +kM; çQÊ+ M?"M p`Q æ¢B ?¼+ EX *¬
M?ì pª M?B m M; QÌB KÈB +! i? çQ Gw >mv M p`Q æ¢B ?¼+ EX oä *?B m .QÆM; ç
ç!- pb i`QM; F?B +¬ T?ªB p"i H°M ç ¬M i?B i?b Gw >mv M +?d +¬M pÁB poM? pÈB
;BªB [mv i /M HÈM /M M?ÄX
h®B ?¬K ç!- +! H) /Q Km®M +?B b MB K pmB KWM; pÈB M; QÌB F?€+- M M +¬ ç½
i?"M? iQ+? +O KbM? +?Q S?MM; >ªB *?QM?X æ M F?B +¬ i`'M ioM? H¢B i?b #S+
æ M F?QªM; K°i iB M; b m- +¬ M?"M çQÊ+ i?Q ?²B •K +O M?X h`QM; i?Q M? +?
KWM; 2K5ôX
*¬ HB M M?„M H¢BX ðsBM H¶B ç½ H`K T?B M M?5ô

:YB tQM;- +¬ i„i K€v H2Q H M ;BQÌM; M^K M; vX J'v +?[+O M? ç½ F?B M i•K i`çM
F?¬M; T? M? F`TX

hW M;`v h?€B Zm®+ "ªQ b M; M? ç`M? +Q- +¬ +kM; Qi F?B p`Q i` M; r2# +O ?°E
?bM? +O S?MM; >ªB *?QM?X *¬ bÊ F?B KbM? M?bM i?'vªM? +O +`m i - +ªK ;B€

ob ççB ?¼+ E +€+? M?` F?¬M; # Q t - M M oä \*?B m .QÆM; F?¬M; i?m i`¼ ? v Î
+?Q +¬ K°i +?B +t2 K€v +Ð M?Ä ç iB M çB ?¼+X J†+ /M Gw >mv M pšM Hm¬M ;¼
K°i KU+ iW +?®BX *| H) i? ;BÊB +O Gw >mv M F?¬M; i?Q+? ?ÊT pÊB +¬X

L?[M; FQ S+ im´B ?¼+ i`Á +?ŠM; +ÁM HçB # Q M?B mX "®M M,K ççB ?¼+ +O +
F?¬M; v m B- +kM; F?¬M; B ç M iÄ ibM? pÊB +¬X hQÎM; +?WM; M?Q i`€B iBK +
M[- i?b +?`M; i` B M,K M`Q HçB tm'i ?B M pÊB p +?[M; +?ç+ i`QÎM; i?`M?X

o`Q K°i M;`v KM tm•M 'K €T +O i?€M; ? B- F?B K¼B M; QìB i'i #`i +?m~M #` Hm" M
#`i M; ì+?çv ç M i`QÊ+ K†i oä *?B m .QÆM; - ?ûi H M `^M; X óS?MM; >ªB *?QM? p

h`€B iBK +¬ ç`T H +? K°i M?`TX

J°i +ÆM; B| i?´B ç M- H`K # v K€B i|+ +¬X S?MM; >ªB \*?QM? p X o` M? F?¬M; `M
M?Q H9+ M?` çB- +¬ +?d #B i çQÊ+ K¼B i?S [m HìB F +O Gw >mv MX

"ªv M,KX >¼ [m2M #B i M? m +?d p`B i?€M; - HB m +| çO ç M? M?È p +¬ b m iW
M; QìBX E?B K` ?¼ +ÁM +?ŠM; HB M Hç+ i?QÌM; tmv MX

ó M? 'v HB M Hç+ pÊB +`m ``ô a m p`B ;B•v M;•v M;~M- +¬ ?ÄBX

Gw >mv M M?bM p`Q ;QÆM; +?B m ?`m i`QÊ+ t2 +¬- bY HçB K€B i|+X óE?¬M; - H
+?Q KbM? #B iX JbM? +?ª K†M K` ;b pÊB M? 'v +?Q H„KX L m +| ;†T HçB +kM; +

óVKXô *¬ H'v M|M #ªQ ?B K i`QM; ;BÄ t2- ç°B H M ç-mX óJbM? p i`QÊ+ ç•v- ?¬K

óL`v- F?¬M; çB ,M pÊB KbM? ``ô Gw >mv M ;¼B pÊB i?2Q- çSM; #Æ pÆ i`QM; M?

h?U+ ` >ç hmv i .mv M F?¬M; p - +¬ +?d KQÊM +È ç K m +?|M; p M?`- ç M?„M
S?MM; >ªB *?QM? ç½ p M?` ``²B F?¬M; \

L?QM; F?B #`i K€v iQM? H M- M?bM ?°T i?Q ç M i`®M; `¶M; - +¬ #¶M; F?¬M; Km®

L?B m H9+ +¬ i?'v KbM? i?"i M;®+X æ½ #B i F?¬M; i? K` pšM ¬K ?B p¼M; - F?¬M

æ M; H9+ +¬ ç`M? iW #Ä- i?b S?MM; >ªB *?QM? tm'i ?B MX M? ;YB +?Q +¬ K°i #
MQÊ+X *?d pÄM p M K°i +•m M?Q p`vX

oä *?B m .QÆM; i`ª HìB K°i iB M; óVKXô- F?¬M; M|B i? K ;bX

*¬ i„i K€v iQM?- HK+ H¼B ibK #° [m-M €Q i?QªB K€B `²B p`Q T?ÁM; i„KX

a m #[+ÆK i®B- +¬ M;²B t2K iB pB K°i H€i `²B i`Î p T?ÁM; +?ÆB ; K2X æQÊ+ K
M|B +| #çM ibKX

*¬ M;?o i?-K- #çM M`Q K` ç M p`Q ;Bì M`vX

*?„+ +?„M F?¬M; T?ªB H` Gw >mv M- pb M m H` +¬ 'v- +¬ 'v ç½ t¬M; p`Q T?ÁM; +

*¬ tÄ ççB K°i ç¬B /ûT- KÎ+Y ` M;Q`B t2K H` BX

L;QìB ç| çSM; /QÊB #|M; ç M çQÌM; - F?¬M; i? M?bM `ä K†i- +?d M?bM i?'v #|M;
ç M; çQ€M ;B` çQ€M MQM i?b M;QìB ç| ç½ #QÊ+ H M i`QÊ+ ? B #QÊ+- €M? ç M #
i` M ;QÆM; K†i M?i /-M `ä`M;X

*¬ #` ;B`i KbM?- ?ÆB HMB p b m K°i #QÊ+ M?ÄX

ó*?"Q 2K5ô S?MM; >ªB *?QM? +QÌB pÈB +¬X
 :Á K€ +¬ çÄ #WM; H MX *¬ +ªK i?'v t'm ?' #ÎB #° [m" M €Q tm tÁ p" ç¬B /ûT iQ [m
 oä *?B m .QÆM; M,K ? B KQÆB ? B im' B ;†T H¢B S?MM; >ªB *?QM? M,K ? B KQ
 F?¬M; K'v i®i ç T- oä *?B m .QÆM; M;?o i? X
 a m p" B ;B•v #®B `®B- +m®B +MM; +¬ +kM; +?"Q H¢B M?X ó*?"Q M?5ô
 ó*ÁM M?"M ` M? F?¬M; ç'v\ô S?MM; >ªB *?QM? M;?B ?Q†+X
 *¬ ;"i ç-mX óh'i M?B M`²B5ô
 > B M;QÌB ?¼ BK H†M;X "-m F?¬M; F?Q ;QÊM; ;¢Q # Q i`MK H'v ?¼X
 óa Q M? #B i M?" 2K K" ç M\ô *¬ ?ÄB- +® ibK +?O ç ç M|BX
 óGw >mv M +?Q M?5ô M? i`ª HÌBX
 a m F?B M?bM i?'v M¶B i?'i p¼M; i` M ;QÆM; K†i +¬- M? #"i +QÌB ? B iB M;- `²B
 K BH +O 2K +| ;?B +€+? i?S+ HB M H¢+ p" +ª ç` +?dXô
 ó±5ô *¬ +ªK i?€M- F?¬M; M?È `M; KbM? +| ç i?¬M; iBM i` M +?[FQX
 æ°i M?B M S?MM; >ªB *?QM? H'v çB M i?Q¢B /B ç°M; iW i`QM; i9B €Q- +?b ` i`
 p"Q ç•v5ô
 *¬ KÎ iQ ? B K„i M;QÊ+ H M M?bM M?X h?2Q M?[M; ;b +¬ M?È i?b ?bM? M?Q M?
 K†i +kM; ;|+ +¢M? ?ÆM ?ŠMX
 h?'v +¬ M;•v M;QÌB ` M?bM KbM?- ç-m M? ?ÆB M;?B M; b M; K°i # M- F?|2 K¬B
 oä *?B m .QÆM; ;B"i KbM?- M?"M H'v çB M i?Q¢B M? çQ `²B M?"T b® +O KbM?
 ó M? ç M ;BÌ M"v F?¬M; T?B M 2K +?S\ô
 óE?¬M; ç•m5 1K +kM; ç M; `½M? K"5ô
 óo"v FB K +?¶ M"Q M;²B M|B +?mv M K°i H€i çQÊ+ F?¬M;\ô S?MM; >ªB *?QM? M
 F?¬M; +| [m€M +" T? M"Q +ªX
 oä *?B m .QÆM; M?bM #° [m-M €Q KbM? ç M; K†+- `²B H¢B M?bM ç¬B ;B"v i•v +
 iQ" M i`€B M;QÊ+ M? mX
 ó> v H" p"Q M?" 2K\ô *¬ [m v ç-m +?d p"Q +,M M?" T?Q b mX
 M? +QÌB +QÌB- MK +QÌB `i M?¢iX ó M? F?¬M; Km®M H"K T?B M ;B çbM? 2KX æ
 S?MM; >ªB *?QM? +?"Q i¢K #B i +¬ `²B [m v M;QÌB çB p X
 oä *?B m .QÆM;

*ª`¢T ¢-v iB M; tb t-K- +¬ i?"K +?Q +Á M M; ?2 ¢QÊ+ +ª iB M; K¬B HQÐB [m'M H'v
i` M i l pû- K†i +¬ ¢Ä #WM; H M- +Æ i? i`Î M M`¢Q`U+X 8y b„+ i?€BX "° iB m i?
i? i?"M? T?BK p" +¬ ¢ M; t2K M| pÈB M; QìB +¬ i?Q+?

E?¬M; +?d /WM; H¢B Î M?[M; MK ?¬M +`M; p b m- F?¬M; F?Q i`QM; `¢T +kM; M
K`MªM? HÈMX hB M; ` M F?2 F?) T?€i` b m HQM; +¬- ?¼ i?U+ bU H`K`²B b Q\

oä *?B m .QÆM; HB + b M; S?MM; >ªB *?QM?- M? t2K T?BK K°i +€+? +?,K +?9 K
H`K'v- +?d ¢¬B H-M M? ?ÆB +? m K`v H¢BX

a m ?ÆM K°i iB M; `QÐB ¢²M; ?² +?`m ¢UM; - +m®B +MM; oä *?B m .QÆM; +kM; ¢
Hm" M p #° T?BK M?Q pB + p®M /o T?ªB H`K- +¬ H¢B ?ÄB p F ?Q¢+? i`QM; iQA
?ÄB +ªK M; ?o +O +¬ p #° T?BKX oä *?B m .QÆM; +SM; ?¼M; - +¬ F?®M; #B i T?

ó§ i?b /B M pB M ¢ T- +?`i HQÊM; ?bM?ªM? i®i ô

ó M? H¢B i?'v M[+?QM? [m€ ;B` bQ pÈB ¢° im´B i`QM; M;mv M i€+5ô

oä *?B m .QÆM; ?€ ?®+ K²K- M? ¢¼+ +ª #ªM M;mv M i€+ `²B b Q\ *?ŠM; H) +?d +
M`v [m€ KS+ Fb +K+\

8NX *?QÆM; j9, *?QÆM; e

h?€B Zm®+ "ªQ ?ÄB i?,K Gw >mv M +€+? HB M H¢+ pÈB oä *?B m .QÆM;- Gw >m
ibM?X

*"m +¬K ¢B M i?Q¢B i` M i v- KÎ`²B H¢B F?| - +S H†T H¢B +?m¶B ?"M? ¢°M; p¬ M
H-M H'v [mv i i•K- +m®B +MM; +"m +kM; M?„M iBM +?Q oä *?B m .QÆM;X

o MQÊ+ H`K°i [mv i ¢`M? M;šm M?B M +O h?€B Zm®+ "ªQX *"m #B i iBM M? ?¼
i? H` + "m +kM; ¢ÁB ¢B i?2QX E?¬M; M;ì H¢B ;†T H¢B +¬ ;€B + "m iWM; i?2Q ¢m´B
i?'v +¬ 'v ¢B +MM; M? ?¼- + "m `i #U+ #°B p" ;?2M iS+X

Í M?- + "m iWM; +†T pÈB K°i +¬ ;€B M; QìB L; +U+ Fb ;ÊB +ªK M?QM; ¢QÊ+ p`B
K`F?B p ¢•v- M?bM i?'v +¬ ;€B i-K i?QìM; M?Q oä \*?B m .QÆM;- + "m i H¢B #` `

h?€B ¢° +O oä *?B m .QÆM; F?€ `ä `M;- +¬ iÄ `ä ibM? +ªK +O KbM? pÈB S?MM
*?QM? +kM; /`M? bU [m M i•K ¢†+ #B i +?Q +¬- M?QM; M? +?Q # Q ;Bì +?QM?
? v ¢ M; ?` +¬ H`K #¢M ;€B M?X *¬ F?¬M; M;?o ¢ M p'M ¢ M`v- +?Q ¢ M F?B #`G

>¬K ¢| ¢B t2K T?BK pÈB S?MM; >ªB *?QM? p - +¬ HB M H M imK#H` @ i` M; M?"i
¢Q¢M i`¢M; i?€B M?Q b mX õªK t9+ +O 2K pšM M?Q M?[M; M;`v [m2M #B i M?
+QìB +O M?Xö

L; v M;`v ?¬K b m- Gw >mv M i?'v +¬ Î #½B ¢¶ t2 ¢½ p°B FûQ H¢B- i` ?ÄBX ó M?

oä *?B m .QÆM; M;Æ M;€+- +¬ F?¬M; #B i Gw >mv M ¢ M; M|B ¢ M BX ó B +Æ\ô

óL`v- ¢WM; +| ;B'm KbM?X LK +QìB +O M?\ M? M`Q\ E? B K m5ô

*¬ +?°i /¢- M;¢+ M?B M pb Gw >mv M #B i i` M; M?"i FQ #Q K"i +O KbM?X óJbM?

ó B ?ª\ô Gw >mv M i` ?ÄB- [mv i ibK +?Q ¢QÊ+ +?"M; i` B K" +¬ #¢M +O KbM? ¢

L;?o ¢B M;?o H¢B- oä *?B m .QÆM; F?¬M; Km®M M|B /®B Gw >mv M- +¬ +„M K¬B
*?QM?Xô

Gw >mv M ?Q" M iQ" M #` b®+- +¬ 'v M;•v ` K°i H9+- `²B M?,M K"v- `²B M;šK M;?o
'v\ô

J†i oă *?B m .QÆM;t`m tm®M;ç-v i°B H¶B- +¬ i?b i?-K- ;B¼M;`'i M? X óJbM? #
F?-M; M M /QM? p"Q M? 'v- M?QM;K" KbM?X X Xô

óE?-M; F?-M;Xô Gw >mv M M;„i HìB- tm i v T?O M?"MX óJbM? F?-M; +| +ªK t9
i?'v M? 'v ç T i` B M M ? M ?Á +?Q Mî K"v Mî K†i i?-BX JbM? +?d ç M; M;?o içB
h?€B Zm®+ "ªQ M[5ô

h?€B Zm®+ "ªQ\ a Q + "m i HçB ibK +¬\ >¬K [m +ÁM #ªQ F?-M; [m2M M? m +Æ K
ó*"m çWM; ç ?¼ ç2K ` çM #ĐM ç'v5ô

*•m M!B p¬ ibM? +O Gw >mv M HçB F?B M oă *?B m .QÆM; ç i•K ç M i" M K'v M;
*?B m ç! +¬ M?"M çQÊ+ iBM M?„M iW b® K€v Hç- M?QM; +¬ +kM; T?-M M"Q çQ€M
*¬ M?„M HçB # +?[?ì ?[M;X

a® K€v Hç ;YB ç M K°i ç` +?d- ç9M; H" +QM M?" ;B"m- M; v +ª +?¶ ? M ç M!B +?
#bM? i?QìM; F?-M; i? ç MX

a m F?B ;YB K°i #ªM #€Q +€Q #´ bmM; +?Q ;B€Q pB M +® p'M- +¬ +?çv +?B + t2
b M; i`¼M; FB X h?'v +¬ çB +MM; +?B + t2 +O KbM?- #ªQ p i?"K +?Q +ÁM F?-M;
çB M i?QçB ` ;¼B +?Q h?€B Zm®+ "ªQ- + "m i #ªQ +¬ H M i-M; #®MX

oă *?B m .QÆM;tQ M v +?Q iWM; [m M i•K ç M p # M;Q" B +O KbM?- +¬ ,M K†
çÁB t ?Q - M?[M; +?¶ M?Q i? M"v +kM; +?Q iWM; ç†i +?•M ç MX

L?QM; H-M M"v i?b F?€+- F?B +¬ pW #QÊ+ p"Q- B +kM; M?bM +¬ #^M; €M? K„i [
i? M; K€v #'K H M i-M; #®MX h? M; K€v pW Kî` ç½ +| M;QìB çQ +¬ çB ;†T h?€

L;QìB +QM ;€B p¬ +ªK M?Q oă *?B m .QÆM; +kM; +ªK M?"M çQÊ+ i`Á çM K" h?€
+¬ M M M;?2 HìB Gw >mv M F?mv M- M M +~M i?"M pÈB +QM M;QìB M"vX

h?€B Zm®+ "ªQ M;²B +? K +? î;B[?"M; ;? i`QM; +,M T?ÁM; pÈB €M? ç M K" T Kì
`'i M?B m M;QìB- i` B +| - ;€B +| - M?bM +kM; #B i H" +QM M?" +| iB MX oă *?B m .
h?€B Zm®+ "ªQ H-M M[- + "m i +¬K H M `²B M?bM M? M? ` +Y - b m ç! #ªQ K¼B
¬ #QÊ+ p"Q +,M T?ÁM;- çSM; ç®B /B M pÈB h?€B Zm®+ "ªQX ó! +?mv M ;b\ô
ó:¼B + "m ç M +?ÆB- F?-M; i?Q +? "\ô *"m i M!B #^M; ;B¼M; Kd K BX
*¬ M?Qm K"v- F?-M; Km®M ç¬B +Q pÈB + "m i X óh¬B F?-M; ;ªM?5ô
óa Q\ h¬B KìB çB +?ÆB i?b F m #"M- +ÁM M? S?MM; >ªB *?QM? ? M i?b i?2Q H
h?€B Zm®+ "ªQ F?-M; ? FB M; / - + "m i M!B M?Q i? +¬ H" F ;Bª pìi? M? + QX
oă *?B m .QÆM; [m v M;Q„i HçB M?bM + "m i - +¬ ç`M? Kî KB M; TªM #€+ i?b K°
Zm®+ "ªQ H M iB M; i`QÊ+X ó*?"- F?-M; M;ì #çM ?¼+ oă +O +?9M; i HçB H" K i?
K" + "m M?bM M?-K KÄ `²B ç'v ô

J°i +¬ ;€B F?€+ +? K p"QX óæ9M; ç'v- iQM? ` i?b i" B bªM +O ççB ;B h?€B Zm®+
+ "m M M i" M /KM; +€B KÄ M"v KÈB TªB ô

*ª ç€K M;QìB +QìB `°M `½- b m ç! ?¼ #bM? T?~K p i` M; T?K+- p K¼B i?S +O +
ç½ Km +?Q +¬ pÈB b® iB M /"M? /KK Qi ÄBX oă *?B m .QÆM; ç½ M;?o- b Q +¬ +S
+?d pb +¬ M;? Q- b Q +¬ F?-M; #Ä çB- p" +¬ +?Êi M?"M ` - pb ?¼ H" M;QìB +| iB
+€B t½ ?°B M"v +?Q # Q ;Bì +¬M; #^M; pÈB M;QìB M;? QX

J†+ F ç€K ç¬M; pšM ç M; +QìB KbM?- oă *?B m .QÆM; +S

æQÊ+ K°i H9+ i?b +¬ F?¬M; i? +?`m i? K çQÊ+ M[ - ç`M? ` M;Q`B ?Qi i?Î F?Q
/`B /QÊB i€M +•v HÈM K€i K - iU M?B M +¬ H¢B M;?o ç M +?mv M çÁB M? iÄ ibM
/U ç K ?°B F?B m pk îi`QÌM; i`mM; ?¼+X " M +¢M? M? m; -M # i?€M; K`F?¬M; +
M`Q- +¬ F?¬M; Km®M ç w- M?QM; K'v ?¬K M v i`QM; ç-m +S Hm~M [m~M iQÎM; i
çQÆM; pÈB KbM?X

"¶M; iB M; +?m¬M; çB M i?Q¢B M;„i /ÁM; bmv M;?o +O +¬- K°i b® K€v H¢X

ó HQXô *¬ M?"M +m°+ ;¼BX

óoä *?B m .QÆM;5ô :B¼M; M¡B i`-K i`-K T?€i` iW ç-m # M FB - +¡ +?9i K2M b v
óX X Xô

ó*"m i?Q+? i¬B F?¡ ç M i? b Q\ h¬B i?2Q çm´B + "m K" + "m F?¬M; +ªK ç°M; +?9i
S?MM; >ªB *?QM?X X Xô

óL¡B M,M; +?Q ç`M; ?Q`M;- M? 'v H` M? ?¼ +O + "m ç'v5ô \*¬ +U+ Fb F?¡ +?`m F
M?Q p"vX

ó*?Q ;b ç½ Km®M H`K +?` /•m +O i¬B `²B `\\ô

*¬ +kM; #B i +QM M;QÌB i +¡ M?B m K†i- +¬ +?d F?¬M; M;ì h?€B Zm®+ "ªQ H¢B
M?Q p"vX E?B HÈM H M- +QM M;QÌB i?QÌM; iW +?®B ? v T?O M?"M iQM? +€+? i`
#•v ;Bì +?ŠM; F?€+ h?€B Zm®+ "ªQ +O M;"v tQ H` # Q- +¬ +S iQÎM; + "m i` MQ
+€+? i`QÎM; i?"M? +O ?¼X "•v ;Bì F?¬M; M?[M; F?¬M; i`QÎM; i?"M? ?ÆM- K` +Á

óa Q\ E?¬M; M¡B H¢B çQÊ+ ``\ô :B¼M; + "m i H¢B p M; H M iW ç-m # M FB - H-
i?„M; ?ÆMX

oä *?B m .QÆM; i?Î /`BX óh¬B F?¬M; ?B m KbM? ç½ H`K ;b ç + "m ;?ûi ç M p"v5ô
" M FB i`mv M ç M iB M; +QÌB M?¢i- ``i`i M?¢i- +¡ i? M;?2 i?"M? iB M; +QÌB F?
t2K i?QÌM; i? M`Q ?ª\ô

*¬ BK H†M;- H„M; M;?2 + "m i M¡BX

óX X X M?Q +€B +€+? + "m t2K i?QÌM; ibM? +ªK +O i¬B 'v- #•v ;Bì #` t2K i?QÌM; i
H„K F?¬M; \ô

*?•M K`v +¬ M?Qm +?†i H¢B- ?Qi K°i ?ÆB b•mX óh?€B Zm®+ "ªQ- i¬B +?Q # Q
+ "m5ô

óo"v i¢B b Q F?¬M; +?'T M?"M M¡\ô h?€B Zm®+ "ªQ ?ûi H M M?Q #m°+ i¬B +¬X

oä *?B m .QÆM; BK H†M;- +¬ F?¬M; #B i M¡B ;b ç + "m i #Èi ;?ûi KbM?X

ó>W- ? v H` pb i?'v M? ?¼ i¬B ;B`m ?ÆM- M m ç ç`Q KÄ i?b ibK i¬B M`v- M? 'v
ç•m5ô h?€B ç° +O + "m i +`M; H9+ +`M; i?¬ H¶- +S HB M iK+ ;„M +€B K€+ ç`Q KÄ

óæ9M; ç'v- i¬B ç`Q KÄ- tBM H¶B pb M;?o ``^M; + "m M;? Q- çÊB i¬B ç`Q ? i +€B K
H` #•v ;Bì + "m +?Q i¬B iB M çB- F?¬M; #B i +?WM; i¬B b) i?2Q + "m ç'v5ô *?d K°
.QÆM;- K°i +•m M¡B i`QM; H9+ iS+ ;B`M +O +¬- ç½ F?B M K°i p`B +?mv M i? v ç

*?ŠM; #B i S?MM; >ªB *?QM? çSM; b m ;®+ +•v iW H9+ M`QX M? [m v b M; F?¬M
i?b çB ibK +¬- i?'v +¬ M;²B /QÊB ;®+ +•v ç M; M¡B +?mv M çB M i?Q¢B- pb F?¬M;
M`T ç^M; b m- p` p¬ ibM? M;?2 H¼i i B +•m M¡B 'vX

E?B oä *?B m .QÆM; +`i çB M i?Q¢B p`Q i9B t€+?- S?MM; >ªB *?QM? pŠM F?¬M;
p`Q i`QM; i?Q pB M- M? KÈB #QÊ+ ` X M? M;?o p +•m M¡B 'v- M? F?¬M; +?Q `^
M? H¢B M;?B M;ì +¬- çB m F?¬M; M M +¡ pÈB +¬ ;€B K` M? Hm¬M KÆ p X

>ÄB S?MM; >ªB *?QM? i?Q+? oä *?B m .QÆM; iW # Q ;Bì- +¡ H) p`Q K°i #m´B +?E
.çQ ç¡ i?ÌB iB i ç°i M;°i i`î H¢M? K†+ /M ç½ ç-m i?€M; M,KX E?B 'v ibM? +ªK +O

M?ϕi /-MX S?MM; >ªB *?QM? ? M?Á pÈB Gw >mv M pb H9+ ç! +¬ 'v çQÊ+ ç€K +Q
M? +kM; pb iQM? ?B m i?„M; M M KÎ HÌB v m çQÆM; pÈB +¬ 'v- M!B H" v m i?b
ç†+ #B i i@i K" i?¬BX

L;¬v ?¬K ç!- M? +MM; Gw >mv M çB p +?mM;- F?B çB` #½B ç¶t2- K„i M? ç°i M
.QÆM; M;²B K°i ;!+ i` M F?€M ç" B i`QM; b•M p" M ç°M; X amv M;?o +O M? #¶M;
ç" T K°i +€+? `°M `°M; Hç i?QÌM; X M? H'v HQ /Q T?ªB Î HçB i" T +?Q i`" M #!M; ;B C
p i`QÊ+X

J¼B +?mv M ç m /Q b® T?" M b„T t T +ª- M m ?¬K 'v M? F?¬M; M?bM i?'v oä *?B
#•v ;BÌ M? pšM Î M?- p" iB + Mm®B p K°i K®B ibM? M;•v /çB #` +?¬M ;B'mX

oä *?B m .QÆM; +?d K†+ K¶B +€B €Q F?Q€+ KÄM;- pb i?ÌB iB i i?'i i?QÌM; M?Q p"
i?2Q €Q 'KX a m K¶B ;BÌ ?¼+ +¬ ç m` ç•v M;²B ç H" K HçB #°B i" T M;¬v ?¬K ç!-
+¬ ç†+ #B i M;²B H•m ?ÆMX *!`" i M?B m Hw /Q ç +¬ +?¼M MÆB M"v H" MÆB iU
Î i`QM; HÈT- Gw >mv M M?'i ç`M? b) H¬B +¬ çB +?ÆB pÈB +¬ 'v p" S?MM; >ªB *?
KbM? ;Bª p! pmB p # M +çM? ?¼- i? H" K¶B F?B +?m¬M; `2Q ? i ;BÌ- +¬ +?çv p°
+¬ +?çv` #½B H'v t2 i?b FB m ;b +kM; #` Gw >mv M #„i ;†T- +¬ 'v HçB H¬B +¬ çB
iQÎM; ç +¬ ?¼+ #°BX

*?d H" +¬ F?¬M; M;Ì- S?MM; >ªB *?QM? HçB ibK KbM?X

S?MM; >ªB *?QM? #QÊ+ iWM; #QÊ+ /°B ç M # M +çM? oä *?B m .QÆM;- M? ;¼B
;B"i KbM?- M;QÊ+ H M M?bM M?`²B M? M? i v i?m /¼M ç®M; #°B pÎ M? K M?Î +C
F?„+ 'v- S?MM; >ªB *?QM? +?QM? i?S+ v m oä *?B m .QÆM;X

óG"K 2K ;B"i KbM? " \ô M? M?†i +•v #9i +?b /QÈB +?•M H M ;B9T +¬X

óŒ- +! K°i +?9iXô *¬ i?" i i?" i`ª HÌB- #Ä ? i ç² p"Q +†TX

M? M;²B tm®M; +çM? +¬- /U HQM;` b m- /m¶B ç¬B +?•M /°B K°i +€+? i?QªB K€
+†T i`QÊ+ M;U+- +?d M;²B BK M?Q i? X M? [m v b M; M?bM +¬- ;!+ M?bM M;?B M
F?¬M; tBM? M?Q Gw >mv M- M?QM; +°M; iB T t9+ HçB +°M; #` +m®M p"Q /M +¬ +
+! bS+ ?9i #Q ~M- B K" /QM? p"Q i?b F?! i?Q€i` çQÊ+X S?MM; >ªB *?QM? ç½ iU
'vX

>¼ M!B +?mv M K°i H9+ H•m- ;B¼M; M!B +O oä *?B m .QÆM;`" i M? p" +?"K- M
H9+ +¬ M!B M? +S iQÎM; KbM? ç M; çQÊ+ i„K i`QM; /ÁM; MQÊ+ K€i Kª- i?ª i`¬B
ç KX

hW M;¬v 'v- M? Hm¬M M;?o p oä *?B m .QÆM;- M? p¬ i?S+ ibK FB K +¬ i`QM; ç
i?'v +¬ +QÌBX

o"v K" ?B M içB M? HçB F?¬M; iBM iQÎM; +¬- M? M;?B M;Ì +¬ H" F HW çªQ- M?C
i? - M? F?¬M; i? F?¬M; M;?o p +?9M;X

h` M çQÌM; çQ +¬ p - M? +® iÄ` #bM? i?QÌM;- M? HçB M;Ä w Km®M çQ +¬ çB /
óE?¬M; Km®M çB +MM; M? " \ô M? ;†M; ?ÄBX

óE?¬M; ?ŠM- M m M? +! HÁM; M?Q i? i?b i†M; 2K +•v :m2`H BM EBbbFBbb URV
+kM; çQÊ+Xô *¬ +QÌB +QÌB- i` m +?¼+ M?X

URV :m2`H BM EBbbEBbb :QH/ M/ .B KQM/b GBTbiB+F @ Ri, k3k i`B m ç²M;X .Á
#¼+ i`QM; HÈT pÄ b M; i`¼M; K" ?B K +•v bQM M"Q +! çQÊ+X oÄ bQM çQÊ+ H"K
RNN ?ϕi FBK +QÆM; H'T H€M? M†M; kXk +` iX \*•v bQM M"v`" i i?Q+? ?ÉT ç H"i
ç T +O i? ;BÈBX

Ukv GöP`2 H #v \*?QT` /GBTbiB+F @ jRk i, Rjy i`B m ç²M;X \*¬M; iv GöP`2 H M?
` çÌB /ÁM; bQM \*QHQ` _B +?2 ç†+ i`QM; +O KbM? ç½ #„i i v pÈB \*?QT` /- K°i +¬
i` M; bS+ ç„i iB M- ç b€M; içQ` i?ÄB bQM ç„i M?'i M?b i? ;BÈB M"vX

M? F?¬M; `ä M?[M; i?S +¬ M|B H` ;b- +?Q ç M F?B p M?¬- h?€B Zm®+ "ªQ ç°i M
i? +O +°m i pQÊi KS+ +?B iB mX
ó°"m KQÊM M?B m i? H`K ;b\ô S?MM; >ÄB *?QM? M?bM h?€B Zm®+ "ªQ- +?'i p'M
óJm bQM i†M; #¢M ;€BXô °"m i M^K i` M ;? - HQìB M?€+ i`ª HìBX
óaQM ;b K` H¢B K„+ #^M; +ª +,M M?° M?Q i? \ô
E?B h?€B Zm®+ "ªQ ç¼+ ` +€B i M 'v- HÁM; S?MM; >ªB \*?QM? i`Î M M M†M; M -
.QÆM; +kM; #ªQ M? Km +?Q +¬ +•v bQM ç| b Q\ E?¬M; i? M`Q H¢B i`MM; ?ÊT
K` +¬ M|B +?mv M p`Q +?B m M v H` h?€B Zm®+ "ªQ\
*¬ ;€B +O M? F?¬M; +ÁM çÆM i?m-M M?Q M;°v tQ M[`²B- +¬ +kM; i?U+ /KM;
ç9M; H` M;®+ F?B iBM `^M; oä *?B m .QÆM; b) F?€+ M?[M; M;QìB M? [m2M i`QÊ

eRX *?QÆM; j8, *?QÆM; d

æ| i?U+ bU +?d H` K°i bU i`MM; ?ÊT ç M F?| iBM- pb /¢Q ;¬M ç•v i` M +€+ i` M; K
? B +•v bQM ç|- oä *?B m .QÆM; +?d #m°i KB M; M|B ` - +ÁM h?€B Zm®+ "ªQ i?b
#¢M ;€B KÈB [m2M çQÊ+ K'v M;°v +O +°m i X
S?MM; >ªB *?QM? Km®M #Ä [m +?mv M M`v- M? ç`M? M;°v K B b) ?ÄB i?ŠM; +¬
Zm®+ "ªQ- M m +¬ M|B /®B- M? +?„+ +?„M b) F i i?9+ çQ¢M ibM? +ªK ;B[+¬ p`
*?Q çÊB ç M M;°v ?¬K b m- F?mv M;°v ?¬K ç| M? M?"M çQÊ+ K°i i'K ªM? +?KT
h?€B Zm®+ "ªQ i`QM; K°i F?€+? b¢M- iW K°i b® K€v H¢X LB K iBM +O M? ?Q`M
M? bKT ç´ +?d pb K°i #S+ ªM?X
h?€B Zm®+ "ªQ H` çS 2K ?¼+O M?- K€m KO Hm¬M çQÊ+ çti H M i`QÊ+- M M M
*?B m .QÆM;X
M? F?¬M; T?ªB H` M;QìB ?'T i'T- M?QM; H¬M M`v M? H¢B T?€M çQ€M K¼B pB -
oä *?B m .QÆM; K` F?¬M; +?Q +¬ +Æ ?°B i? M? KBM?X

oW Kî K„i ` - oä \*?B m .QÆM; M?bM p`Q çB M i?Q¢B p` M?"M çQÊ+ iBM M?„M +
? M ;†T +¬ î +¬M; pB M M?Ä ;¬M M?" +¬X
E?B +¬ ç M- M? ç M; M;²B i` M +€B ;? ;¶ ç½+ k- K†+ #° i•v T?K+ +?ŠM; ? ?ÊT pÈ
*¬ KdK +QìB +?¢v ç M çSM; i`QÊ+ K†i M?X
S?MM; >ªB *?QM? M;QÈ+ M?bM +¬ K` F?¬M; +QìB ç€T H¢B- p K†i M? F?¬M; ?
¬ pšM çSM; i`QÊ+ K†i M?- ?ÄBX ó| +?mv M ;b ?ª M?ìô
M? M?bM +¬ K°i H9+- F?) +? m M? ç¬B +?•M K`vX ó1K F?¬M; [m2M h?€B Zm®+
*¬ ?ÆB +?°i /¢- `²B ;°i ç¬mX
G) ` M? F?¬M; M M ?ÄB KÈB T?ªB- M? ç½ M|B M m +¬ i?W M?"M- M? b) Kî HÁ
+¬ H¢B M|B /®BX o` M? ç½ H`K K°i pB + F?B M M? T?ªB ?®B ?"MX M? Kî çB M
M? M?"M çQÊ+ +?Q +¬ t2K- M? #B i KbM? Q+? Fd i`QM; ibM? v m- M? #B i KbM
+?d pb M? [m€iBM iQîM; +¬- ç #•v ;Bì M? T?ªB +?`m ç m çÈM M?Q i? M`vX M
#Èi ç m F?´- M?QM; K` +?B i v F?B ibM? +ªK ç M; K†M M²M; H¢B H` K°i ibM? ?m
oä *?B m .QÆM; M?bM +?^K +?^K p`Q K`M ?bM? çB M i?Q¢B- +?YB i?¬K ä *?B m
3 "° K°iđĐ iW°Đ F=[đĐ€`°iD ;Pp•ä *€

ekX *?QÆM; j8, ob æ *?B Gv L M JÈB *| :†T :Ð

æ| i?U+ bU +?d H" K°i bU i`MM; ?ÊT ç M F?| iBM- pb /çQ ; -M ç•v i` M +€+ i` M; K
? B +•v bQM ç| - oä *?B m .QÆM; +?d #m°i KB M; M|B ` - +ÁM h?€B Zm®+ "aQ i?b
#çM ;€B KÈB [m2M çQÊ+ K'v M; "v +O + "m i X

S?MM; >ªB *?QM? Km®M #Ä [m +?mv M M"v- M? ç`M? M; "v K B b) ?ÄB i?ŠM; +
Zm®+ "aQ- M m +¬ M|B /®B- M? +?„+ +?„M b) F i i?9+ çQçM ibM? +ªK ;B[+¬ p"

*?Q çÊB ç M M; "v ?¬K b m- F?mv M; "v ?¬K ç| M? M?"M çQÊ+ K°i i'KªM? +?KT
h?€B Zm®+ "aQ i`QM; K°i F?€+? bçM- iW K°i b® K€v HçX LB K iBM +O M? ?Q"M
M? bKT ç´ +?d pb K°i #S+ªM?X

h?€B Zm®+ "aQ H" çS 2K ?¼ +O M?- K€m KO Hm¬M çQÊ+ ç†i H M i`QÊ+ - M M
*?B m .QÆM;X

M? F?¬M; T?ªB H" M; QÌB ?'T i'T- M?QM; H¬M M"v M? HçB T?€M çQ€M K¼B pB
oä *?B m .QÆM; K" F?¬M; +?Q +¬ +Æ ?°B i? M? KBM?X

oW KÎ K„i ` - oä *?B m .QÆM; M?bM p"Q çB M i?QçB p" M?"M çQÊ+ iBM M?„M +
? M ;†T +¬ Î +¬M; pB M M?Ä ; -M M?" +¬X

E?B +¬ ç M- M? ç M; M;²B i` M +€B ;? ;¶ ç½ +k- K†+ #° i•v T?K+ +?ŠM; ? ?ÊT pÈ
*¬ KdK +QÌB +?çv ç M çSM; i`QÊ+ K†i M?X

S?MM; >ªB *?QM? M; QÊ+ M?bM +¬ K" F?¬M; +QÌB ç€T HçB- p K†i M? F?¬M; ?

¬ pšM çSM; i`QÊ+ K†i M?- ?ÄBX ó| +?mv M ;b ?ª M?lø

M? M?bM +¬ K°i H9+ - F?) +? m M? ç¬B +?•M K"vX ó1K F?¬M; [m2M h?€B Zm®+

*¬ ?ÆB +?°i /ç- `²B ;"i ç-mX

G) ` M? F?¬M; M M ?ÄB KÈB T?ªB- M? ç½ M|B M m +¬ i?W M?"M- M? b) KÎ HÁ
+¬ HçB M|B /®BX o" M? ç½ H"K K°i pB + F?B M M? T?ªB ?®B ?"MX M? KÎ çB M
M? M?"M çQÊ+ +?Q +¬ t2K- M? #B i KbM? Q+? Fd i`QM; ibM? v m- M? #B i KbM
+?d pb M? [m€ iBM iQÎM; +¬- ç #•v ;BÌ M? T?ªB +?`m ç m çÈM M?Q i? M"vX M'
#Èi ç m F?´- M?QM; K" +?B i v F?B ibM? +ªK ç M; K†M M²M; HçB H" K°i ibM? ?m

oä *?B m .QÆM; M?bM +?^K +?^K p"Q K" M?bM? çB M i?QçB- +?YB i?¬K h?€B Zm
+€B M; QÌB ç½ +?KT #S+ªM? M"v- pb MK ?¬M +?d FûQ /`B ç9M; ? B ;B•v K" M; QÌB
M"v ç T ç M p"vX ó1K +| +¬M T?ªB ;BªB i?Q+? F?¬M; \ ob ?bM? M?Q M? F?¬M; iE
K†i M?- M?bM b•m p"Q K„i M?X

M? F?¬M; /€K M?bM p"Q K„i +¬- HÁM; M? ç m FBM? F?OM; - ç M ;BÌ T?9i M"v +
+S +?mv M ;bX óE?¬M; +¬M- M? #B i? i`²B5ô

óo"v ;BÌ +?9M; i b) i? M"Qlø *¬ ?ÄB- MQÊ+ K„i HQM; i`ÁM;X

S?MM; >ªB *?QM? çSM; #°i /"v- M? çB [m M? K'v pÁM; - +U+ Fb #®B `®BX

*¬ çSM; /"v i?2Q M?- F?¬M; ç w #° /çM; M? +? M?€+ +O KbM?- +¬ FûQ i v M?X

óhBM +€B ;blø S?MM; >ªB *?QM? ç°i M; °i [m v HçB- ;B¼M; M? i`Î M M ;B"M /[X ó
2K HÈB /KM; M? p" HûM H9i pÈB 2K i` B M? ô

•M? K„i oä *?B m .QÆM; i`Î M M çì çšMX h?€B Zm®+ "aQ pm F?®M; +¬ +kM; F?¬M
*?QM? +kM; F?¬M; iBM iQÎM; +¬- Km®M +¬ i? M"Q ç•v \ ó1K F?¬M; +|ô *¬ ?ûi H
M?QM; F?¬M; #B i M M M|B i? M"QX

ó M? +| M M iBM F?¬M; \ô M? ?ÄB M; QÊ+ HçB +¬X

G-M M"v oä *?B m .QÆM; F?¬M; i? M?"M çQÊ+ M[- +¬; "Q H M pÈB M?X ó1K +
2K F?¬M; [m2M h?€B Zm®+ "ªQ pb # M ç-m + "m i ç½ M!B F?¬M; [m2M 2K i`QÊ+
óo"v b Q + "m i H¢B Km +•v bQM i` ;B€ ; -M #^M; +ª +,M M?" +?Q 2K\ô
*¬ +SM; ?¼M; - +¬ F?¬M; ? #B i +?mv M M"vX
S?MM; >ªB *?QM? F?¬M; M!B i? K ;b- M? #Ä çB K°i +€+? imv i ibM?X *ÁM +¬ çSM
M? t /-MX

h` M çQÌM; p M?"- oä *?B m .QÆM; F?¬M; i? FB K çQÊ+ MQÊ+ K„i- +S i? pW ç
i? i?ªKX *kM; K v K" F?¬M; +! # Q M?B m M;QÌB çB çQÌM; - M m +! +?„+ +¬ K'i Kt
L;?o H¢B i?'v #ªM i?•M KbM? +kM; K v K„M- M? +?Q iWM; +?QM? i?S+ M;Ä HÌB
+kM; +?ŠM; +-M Hw /Q ? v K°i HÌB iW #B iX *¬ +?d iB + pb çQ¢M ibM? +ªK KtM M
o ç M M?"- oä *?B m .QÆM; ;¼B çB M +?Q Gw >mv M F?|+ H!+X *¬ #¢M M OB ?
p½ +?¢v b M; M?" +¬X Gw >mv M pW ;†T ç½ ¬K H'v #¢M p¶ p - +¬; €B p¬ iQ M?Q
Q ;BÌ- M M F?¬M; #B i T?ªB F?mv M M?O i? M"Q- +S K†+ +?Q #¢M F?|+ iS+ iQ
æÊB oä *?B m .QÆM; M;m¬B M;Q B K°i +?9i- Gw >mv M #U+ iS+ +?¢v ` M;Q`B ;
?ÄB Hw /Q i¢B b Q S?MM; >ªB *?QM? H¢B H`K oä *?B m .QÆM; F?|+ M?Q p"vX *
M;?2 i?'v +?mv M ? B M;QÌB ?¼ +! tQ+? KQ+?- + "m H¢B i?-K pmB KWM;X

óG`K b Q i¬B #B i çQÊ+ \ô

óE?¬M; T?ªB ? B M;QÌB H` M? 2K "\ L!B pÈB M? i - H`K oä *?B m .QÆM; M?" +?
F?¬M; v M pÈB i¬B ç•m5ô Gw >mv M ;^M iWM; +?[- ç v M;?B M H¶ i B h?€B Zm®
çWM; tm'i ?B M i`QÊ+ K†i oä \*?B m .QÆM; M[ - m®M; +¬M; +¬ 'v /`M? M?B m M,
æ9M; H` HQ¢B ç`M ¬M; F?¬M; ?B m +?mv M- +ÁM iW MQÊ+ M;Q`B p +Æ ç'v5ô

óL`v5ô h?€B Zm®+ "ªQ M;„i HÌBX ó*"m +?Q #B i +?mv M ;b K" ç½ p°B M!B M? i
ç€M; F?¬M; ç'v\ô

óh¬B F?¬M; [m M i•K- K†+ /M *?B m .QÆM; F?¬M; M!B ;b M?QM; i¬B /€K +?„+ S?M
*?B m .QÆM; +?Q # Q ;BÌ H`K #m²M HÁM; M;QÌB F?€+ +ª- ç†+ #B i H` M;QÌB +
Gw >mv M +9T K€vX *¬ +S iQÎM; S?MM; >ªB *?QM? ç½ +?QM +?„M i`QÎM; i?"M? `
.QÆM; ç m HÁM; i? i?ªK M?Q p"vX

Gw >mv M +® ?ÄB Hw /Q F?B M oä *?B m .QÆM; #m²M- M?QM; +¬ 'v F?¬M; M!B-
'v +ª #m'B- +?Q ç M H9+ ¬M; #` oä p - +¬ KÈB v M i•K ` p X

Í i`QM; K°i +,M T?ÁM; i` M i¬M; KQÌB b€m +O K°i iÁ M?"- S?MM; >ªB *?QM? F?
.QÆM; # Q M?B mX M? iQÎM; +?WM; KbM? b) F?¬M; / v /Si çQ¢M ibM? +ªK ç-v H
pšM ;B,M; FQM +,M T?ÁM; M?X

M? M^K i`QM; T?ÁM; KbM?- ?B p¼M; i?ÌB ;B M b) H`K T? B M?Á +?mv M ibM? M
h?€B Zm®+ "ªQ i?'v ibM? i`¢M; #m²M i?ªK +O M? ?¼- + "m M?Q KÎ +Ì i`QM; #KM
2K i` B i®i #KM;- çB p`Q M OB M? ?¼X

ó M? çWM; #m²M [m€5 E?¬M; +! M;QÌB M"v i?b ibK M;QÌB F?€+- pB + ;b ?"M? ?¢
ó*"m çB ` M;Q`B çB- i¬B F?¬M; Km®M M!B +?mv MXô S?MM; >ªB *?QM? M!B #^M
ó*QM; €B +ÁM ç-v ` ç!- Í M? i?B m ;b M;QÌB i?2Q çm'B M?- M? +¬M ;b ô

ó*"m +kM; +! i?B m ;b M;QÌB i?2Q çm'B- b Q H¢B +S #€K H'v +¬ 'v\ô *?'i ;B¼M;
M!B i`QÊ+X

ó1K +?d Km®M i?Y HÁM; +¬ 'v i?¬B- F?¬M; M; ì ô h?€B Zm®+ "ªQ #Ä /Î +•m M¡B ç
+?Q +•m +?mv MX

S?MM; >ªB *?QM? #"i /"v M; v H"TiS+- M? pÈB H'v €Q F?Q€+- #Ä çB F?¬M; M¡B

M? H€B t2 i` M +QM çQÌM; + Q i®+ pÈB +€B ç-m i`®M; `¶M; - M?[M; HÌB M¡B +O
oä *?B m .QÆM; ?¬M + "m i +S HÎM pÎM i`QM; ç-m M?X M? +?Q # Q; Bì +ªK i?'
F +ªH9+ T?ªB #Ä i'i +ªç b M; M?- M? +kM; F?¬M; imv i p¼M; ç M KS+ M"vX o`
M? Km®M #m¬M; tm¬B i'i +ª- i?2Q +ªM; ?o ç2M HšM M; ?o #¡M; X

.QÈB €M? ç M ç-v K"m b„+- S?MM; >ªB *?QM? M®+ `QÊm HB MiK+ # M [m-v # `X
içK i?ÌB `ÌB F?ÄB +€B i?U+ içB ç-v ç m çÊM M"vX hB M; M?ç+ t" T tbM? H"K ç-m
iBK i?b i /çB- +?d +ÁM M?[M; +ªK ;B€+ i`-M i`KBX

S?MM; >ªB *?QM? HB + M?bM ç€K M?¡+ HQB +?QB i`QM; K°i ;¡+ i®B- + "M; M?bM
>ÆB K2M [m M? [m`M i•K i`Q M?- i?S +?'i ç°+ 'v b B F?B M M? H"K çB m M; m t
p T?Q ç€K i? M? MB M FB - `²B #'i M; ì i9K €Q K°i + "m M?¡+ i`QM; ç¡ p" ç€M?X

æ€K ç¬M; i?'v tªv ` t¬ t€i i?b M; ,M HçB- M?QM; M; QÌB b v i?b + "M; ç€M? + "M; ?r
i? M? MB M #` ç€M? +kM; ç€M? HçB S?MM; >ªB *?QM?- M? ç€M? M; QÌB i K°i +
ç M KS+ M?"T pB MX

oK `m çª #„i M; m²M iW S?MM; >ªB \*?QM?- ç€K i? M? MB M +?d #` T?çi K°i Qi iB
çQÊ+ çQ p"Q # M? pB MX L; QÌB ç-m iB M #B i iBM M? M?"T pB M +?QM? H" h?€
çB M +?Q S?MM; >ªB *?QM? ç KQÊM iB M M?- M?•M pB M Î [m€M `QÊm 'v M?"M
+ "m i X

h?€B Zm®+ "ªQ ?Èi ?ªB +?çv ç M # M? pB M- iBK ;BQÌM; # M? +O S?MM; >ªB *
tQÆM; bQÌM- ; ½v +´ i v- K°i p`B p i`€+? i` M M; QÌB p" p¬ b® p i i`-v i` M K†iX
çQÊ+ ;BQÌM; +O M? i?b v i€ ç½ bÆ +Smp i i?QÆM; tQM; tm¬B- M? ç M; M^K i
p¬ ç`M? i` M i`-M M?"X

*¬M; iY M?Q h?€B Zm®+ "ªQ +?Q iWM; ;?û ç M M?[M; +?¶ ç-v pB F?m`M M?Q +
` ,M; #QÊ+ HçB ;¬M S?MM; >ªB *?QM?X

*"m +?Q F`T M¡B ;b i?b S?MM; >ªB \*?QM? ç½ H M iB M; i`QÊ+X ó M? Km®M M^K
` M¡B pÈB v i€ +?mv M T?ÁM; ;B9T M?Xô

h?€B Zm®+ "ªQ /ç K°i iB M; - çB iBK v i€ +?mv M M? p"Q T?ÁM; # M? + Q + 'TX

h`QÊ+ F?B + "m `ÌB çB- S?MM; >ªB *?QM? /†M + "m K°i +•mX óæWM; M¡B pÈB oä *

*"m F?¬M; ?ÄB Hw /Q- M?QM; M?bM €M? K„i #m²M `QÌB `QÊB +O M? ?¼- + "m i?
M¶B ç m +O M; QÌB F?€+X h?"i` #S+ªM? + "m ?¬M oä *?B m .QÆM; F?¬M; T?ªB
K°i M; QÌB #çM +O + "m H"K- ?¬K ç¡ + "m ç½ M¡B pÈB M; QÌB #çM +?KT #S+ªM? 'v
i F?¬M; M¡B ;b i?b ;YB #S+ªM? M"v ç M b® çB Mi?QçB +O S?MM; >ªB *?QM?X L
ç¡- ç M F?B M?Ê` i?b + "m #çM FB ç½ ;YB çBX *"m +?d iS+ ;B" M pb M; "v tQ oä
H"K #çM ;€B + "m- +?d K°i T?9i bmv M; ?o 'm i`o K" + "m ç½ +?B + „i K°i iB M? v m p

amv M; ?o +O h?€B Zm®+ "ªQ ;†T M?B m K•m i?mšM- + "m +S +?¬M +?W F?¬M; #
oä *?B m .QÆM; ? v M¡B `ä bU iB M? pÈB S?MM; >ªB \*?QM? ? v F?¬M; \ o` b m ? B
ç`M? M¡B `ä K¼B +?mv M pÈB S?MM; >ªB *?QM?X

L;²B i`QM; T?ÁM; # M? +O S?MM; >ªB *?QM? +ª #m´B b€M; K" F?¬M; KÎ HÌB çQÊ
`²B HçB çB HQ M? [m M? F?„T T?ÁM; XS?MM; >ªB \*?QM? M?bM ` bU #²M +?²M +C
F?¬M; Km®M M¡B +?mv M pÈB + "m i K°i +?9i M"QX ó*¡ +?mv M ;b\ô

h?€B Zm®+ "ªQ #` ?ÄB ç M i?b ?ÆB ;B"i KbM?- ç¬B K„i + "m HB + M; M; HB + /¼+

óE?¬M; +¡ ;b i?b p çB- çWM; çSM; ç¡ +ªM i-K M?bM5ô

h`QÊ+ bU ;„i ;ÄM; +O M? ?¼- h?€B Zm®+ "ªQ H'v ? i + M çªK M|B pÈB M?X óh?
i®i ô

E?¬M; çÊB + "m M|B tQM; - S?MM; >ªB *?QM? ç½ [m v K†i çB- +ÁM #ªQ + "m BK H†
L?QM; h?€B Zm®+ "ªQ pšM iB T iK+ M|BX ó H‡B +O 2K ? i- + "m 'v +?ª H"K ; b b

h?'v h?€B Zm®+ "ªQ +| p F?¬M; +?`m BK H†M; - K" S?MM; >ªB *?QM? H¢B F?¬M; M?
M? + "M; iU H"K KbM? #`i?QÆM;X M? ? i i?€Q ®M; i`mv M i` M i v` - `²B ç M i
+ÁM +| w ç`M? tû HÊT i?¢+? + Q +® ç`M? i` M +` i vX

*m®B +MM; h?€B Zm®+ "ªQ +kM; +?`m i?m - + "m F?¬M; M|B M[- b m F?B ;¼B v i
+ "m çB p Hm¬MX L m + "m F?¬M; i? M|B +?mv M pÈB S?MM; >ªB *?QM? i?b +?d +
+?mv M pÈB M? i?¬BX

*?B m ç| - + "m M? „M iBM +?Q oä *?B m .QÆM; ç` +?d # M? pB M p" #ªQ `^M; S?M
ç|X :-M M?Q M; v b m F?B ç¼+ çQÊ+ iBM M? „M- oä *?B m .QÆM; pMM; /"v b m
;BQìM; ç +?¢v ç M # M? pB M- K" F?¬M; M; ?o ç M +?mv M +| i? M? b) +?ŠM; K

E?B oä *?B m .QÆM; ç M # M? pB M- +¬ M?bM p"Q T?ÁM; - i?'v M? ç M; M;²B i`
M M;Q`B +Y b`X *¬ +?ŠM; #B i M? ç M; M; ?o ;b- ç½ ? i ;B" M +¬ ? v +?Q \

*€M? +Y #`KÎ` K" M? +?ŠM; i? K [m v ç-m H¢B M?bMX *¬ çSM; Î +Y - M; "T M; v
i M M?X

S?MM; >ªB *?QM? [m v ç-m H¢B- M? M?bM +?^K +?^K +¬ p`B ;B•v `²B [m v K†i ç
oä *?B m .QÆM; +ªK i?'v +U+ Fb iOB i?•M- M; v +ª+€B H9+ h?€B Zm®+ "ªQ F?BM
#^M; H9+ M`vX *¬ +® ;„M; KÎ KB M; ;¼B M? K°i H-M M[- M?QM; M? pšM M;²B v
ç€M? HB m iB M H¢B ; -M M?- çQ K°i M; |M i v +?¼+ p"Q i v M?X

S?MM; >ªB *?QM? i?Î /`B- M? M|B K" F?¬M; M?bM +¬X óæB p çB5ô

óS?MM; >ªB *?QM? ô *¬ i?b i?-K- ;B¼M; M|B `mM `~v ; -M M?Q # "i F?| +X ó*?ŠM
F?| ç M p"v b Q\ô

óæB çBXô h? M? •K +O M? H¢M? HMM; ?ÆM +ª +•m M|B i`QÊ+X

L‡B 'K S+ /•M; i`Q i`QM; HÁM; oä *?B m .QÆM; - +¬ #Ä çB pÈB ? B ? "M; MQÊ+ K
ç•v +¬ ç½ pSi #Ä +€B i¬B iU + Q +O KbM?- +S M; ?o KbM? M?`M K°i +?9i i?b çQ¢M
?| ` +?d KbM? +¬ iU M?bM M? "M M?Q p"v- +ÁM M? i?b F?¬M;X

L; v F?B +€M? +Y pW çQÊ+ ç|M; H¢B- S?MM; >ªB *?QM? p°B p" M; [m v ç-m M?b
KÎªQ +O oä *?B m .QÆM;X :B¼i MQÊ+ K„i HQM; H M? i`QÊi F?ÄB ?®+ K„i M?

h?€B Zm®+ "ªQ #`i M; |F?B S?MM; >ªB *?QM? ;¼B çB M +?Q KbM?- ç M; çQ€M; B
M; QìB ?¼ ç½ H"K H" M? ? v F?¬M; - i?b S?MM; >ªB *?QM? F?B M + "m i?'i F?BM? F
K°i M; QìB T?K M[X

*?mv M M`v ç®B pÈB h?€B Zm®+ "ªQ F?¬M; ? F?| - M? ;¼B çB M K°i +9 H` +| M; v
>ªB *?QM? imv i iB M? ç M p"v- +| Km®M +?ÆB ;€B ç [m M çB i?S iB M? +ªK b•m M
H9+ M`vX

h?2Q M?Q v m +¬m +O S?MM; >ªB *?QM?- b€M; ?¬K b m h?€B Zm®+ "ªQ K M; K°i
ç M +?Q M?X >Q†+ H" M? çB M- ?Q†+ + "m F?¬M; ? ?B m ;b p S?MM; >ªB *?QM
ç‡B ç m HÁM;X

*¬ ;€B K" h?€B Zm®+ "ªQ çQ ç M `i ç T- /€M; M; QìB H¢B +?ŠM; +? p"Q ç•m çQÊ
+¢M? +? ,K b| + +?Q S?MM; >ªB *?QM?X h?€B Zm®+ "ªQ H„ + ç-m M; €M M; ~K- Km®
.QÆM; M?QM; #B i +? „+ M? i? M"Q +kM; iU H"K KbM? i`M i?QÆM; - M M + "m i`€
+?mv M M`v M[X

*"m i pW ` F?ÄB # M? pB M i?b oä *?B m .QÆM; pW #QÊ+ p"Q- +¬ F?¬M; Km®
?m®M; ?² M? ç M; #` i?QÆM; - î ç•v HçB F?¬M; +! M; QìB i?•M- +?ŠM; B î # M +
M +çM? M?- +?„+ M? b) +ªK ç°M; K" #bM? ioM? bmv M; ?o HçBX

*?d H" +m°+ b®M; F?¬M; iQ" M p M M?Q K°M; iQîM; i iU içQ ` X

h?b ` # M +çM? M? F?¬M; +?d +! K°i KbM? +¬- +¬ M?Q H" K°i M; QìB +QM ;€B i`C
ibK ç M- F?¬M; +¬M i?b #Ä çBX Gw >mv M M!B ç9M; - M; QìB pW +! iB M pW +! b.
+çM?- ç•m iU /QM; +?çv ç M # M +¬X "•v ;Bì i?b +¬ b€M; K„i ` `²B- çS M?" M; ?
i? M"Q +?çK ç M M?X

L!B i? M?QM; oä *?B m .QÆM; i?U+ bU F?¬M; iW #Ä çQÊ+- Gw >mv M #ªQ +¬ H
ob S?MM; >ªB *?QM? K M; HçB K"m b„+ iQÆB b€M; +?Q +m°+ b®M; +O +¬- iW #
/½v K"m `U+ `Đ i`QM; +m°+ çìB +¬X

æSM; M?bM +¬ ;€B pÈB i?•M ?bM? M!M; #ÄM; ç9i iWM; i?b +?€Q +?Q S?MM; >ªB
+€M? K¬B KbM? ç M #”i K€mX a m p" B T?9i /^M HÁM; - +¬ KÈB çO + M çªK çB p"Q
M?X

ó B i? \ô *¬ ;€B M!M; #ÄM; ?ÄB- M?QM; +?ŠM; B i`ª HìB +¬ i X

oä *?B m .QÆM; ç†i +€B H²M; ;B[M?B i çUM; + M? tQÆM; ?¬K H M +€B #”M +çM
KÈB H"K b€M; M v5ô

óoSi çB5ô S?MM; >ªB *?dM? M!B M; v F?B +¬ pW /Si HìBX

*¬ ;€B M!M; #ÄM; i`ÊM K„i M?bM M?- oä *?B m .QÆM; +?d M„K +?†i #”M i v HçB.

óoSi çB5ô M? H†T HçB K°i H¬M M[X *¬ ;€B M!M; #ÄM; b m K°i H9+ +?¬M +?W +
p"Q i?MM; `€+X

oä *?B m .QÆM; ;Bª pl #bM? ioM?X óVK- ?¬K M v 2K M'm ?ÆB [m€ HY - K B 2K
K m F?Ä25ô

*¬ #QÊ+ iWM; #QÊ+ M†M; M ` F?ÄB +, M T?ÁM; - M?QM; çQÊ+ p" B #QÊ+ i?b +¬ ;
M´BX L;²B i` M #”+ i? M; - +¬ H'v çB M i?QçB ` ;¼B +?Q Gw >mv M- +?m¬M; ç´ H
*¬ ç”M? #’K #KM; ;¼B +?Q h?€B Zm®+ "ªQ- +¬ #B i KbM? F?¬M; M M ;¼B +?Q +”
+¬ +?ŠM; #B i M?Ì B çĐ +¬ p M?“X

Zmª M?B M +”m i M; ?2 K€v- +ÁM +?çv ç M [m€ M?B i ibM?X

h?€B Zm®+ "ªQ #„i i tB çQ +¬ p M?“- M?bM #!p B `mM `~v +O +¬- +”m ?®B ?”M
M?“i ç`M? b) M!B `ä`”M; ç S?MM; >ªB *?QM? F?¬M; +! €+ +ªK pÈB oä *?B m .QÆ
/QîM; M?Q ç½ [m€ i` X

oä *?B m .QÆM; pšM FB M i`b +?Q ç M M; ~v S?MM; >ªB *?QM? çQÊ+ tm'i pB M- K
i? M"Q- K†+ +?Q M? p" +¬ ;€B M!M; #ÄM; FB +! i?•M K”i i? M"Q- +¬ pšM ;B[M
iS+ ;B”M K”i?¬B- [m K°i i?ìB ;B M M[M? HçB M?È +¬ +?Q K” t2KX

*¬ ;€B pÈB i`€B iBK Hm¬M iBM iQîM; - +¬ iU ç†i M! p"Q i v M?- ç +?QM? M? #!T
F) i v M? M?QM; M? F?¬M; i? K +9B tm®M; M?bM i`€B iBK M€i pKM ’v i? M”Q5

GÁM; iU i¬M +O +¬ ç½ #` pSi #Ä- +¬ ibK ç M # M M?- M?bM +¬ ;€B M!M; #ÄM; FB
K„i M? M?bM +¬ i ? i M?Q bU i²M içB +O +¬ +?d H" +€i #KBX oä *?B m .QÆM; +
/”v ç~v +¬ ;€B FB i`€M? t F?ÄB S?MM; >ªB *?QM?X

æSM; ç®B /B M pÈB M?- +¬ M!B #^M; ;B¼M; #bM? ioM? M?“i +O KbM?X ó1K +¬M

S?MM; >ªB *?QM? M?, M K†iX óL!B çB5ô

*¬ [m v HçB M?bM +¬ M”M; +ÁM ç M; M;Æ M; €+ pb #` +¬ ç~vX S?MM; >ªB *?QM? M

h?€B ç° +O M? F?B M K¼B M¶ HU+ +O +¬ pĐ pKM- FûQ i?2Q +ªK t9+ #MM; M'>
MûM +ÆM #U+ iS+ +O KbM? M[X ó1K Km®M #B i- +! T?ªB pb 2K ;B'm +?mv M 2K
M? ;B" M 2K F?¬M; \ô

S?MM; >ªB *?QM? F?¬M; i`ª HÌB- M? +S M?bM +¬- tQ€v b•m p"Q ç€v K„i +¬X
óPi M? 'i i?b M? +kM; M;?2 2K ;BªB i?Q+? +?S- M? F i €M 2K K" F?¬M; M;?2 2K #

S?MM; >ªB *?QM? M? +? K¬B- M? iU +¬B ? B +9+ €Q +ÁM ç M; / M; /ÎX ó:BªB i?Q
çBXô

óS?MM; >ªB *?QM?Xô *¬ ;"Q H M- +„K K!M; i v KbM? p"Q i v M?X ó M? [m€ ç€M;
;b +! H¶B pÈB M? +ª5 L m +! i?b H" 2K +?'T M?"M M? [m€ M? M? Gw >mv M M!E
KÈB iBM M?X a€m M,K i`QÈ+ M? #Ä b M; M? F?¬M; ? +?"Q 2K K°i iB M;- 2K; Y
/"B- M? ç€T HçB K°i +•m M;„M M;OMX a€m M,K b m M? ç°i M;°i tm'i ?B M i`QÈ+
M M +~M i?"M pÈB M?- 2K F?¬M; M;?2 +¬ 'vX :B! i?b 2K T?ªB çB tBM H¶B +¬ 'v
[m i MQÈ+ K„i i`M K†i- F?¬M; #B i +?9M; +?ªv` iW # Q ;B!X ó ç•m i? i`€+? M
? M ;b pÈB 2K- i?"K +?Q K°i HÌB ç M;?` ? M ?Á +kM; F?¬M;- içB 2K M;m Km°B [m
M? M?B m M,K M?Q p"v- M?ûi M? p"Q K°i ;! +HÈM i`QM; i`€B iBK 2K- +?„+ M? F
+ÁM M[ç•m- 2K KÈB ? B KQÆB ? B im´B i?¬B K"- 2K F?¬M; iBM 2K b) i?Q+? M
iB M oä *?B m .QÆM; M!B #"v- HçB +ÁM M!B i`QÈ+ K†i M;Q!B +¬ i?Q+?- +! H) +?
+¬ ç•m #B i +•m +?YB M"Q F?€+

*¬ #Ä i v` F?ÄB M;Q!B M?- M?bM M? #^M; i'i +ª bU imv i p¼M; p" +,K ;?ûi K" K
S?MM; >ªB *?QM? pšM çSM; H†M; v M Î ç! M;?2 +¬ M!B- F?¬M; KÎ KB M; M!B #'i +
h`QÈ+ F?B` F?ÄB +Y - oä *?B m .QÆM; [m v ç-m M!B K°i +•m +m®B +MM;X ó! ;
pÈB 2K F?B + "m i b M; M? F?¬M; \ô *¬ M?bM p"Q K„i M?- ç¬B K„i F?¬M; `ä +?'i
i #ªQ + "m i b) ?"M 2K bm®i ç!B- M?QM; + "m i HçB F?¬M; H"K çQÈ+X *ÁM 2K- 2
'v S?MM; >ªB *?QM?- 2K ?"M M? ô

oä *?B m .QÆM; pW çB- +¬ ;€B M!M; #ÄM; +kM; i?Î /"B `²B #Ä çB Hm¬MX *¬ 'v
F?®M5ô

:QÆM; K†i +O oä *?B m .QÆM; M;"v ?¬K 'v pšM €KªM? M? K½BX > B M;Q!B +„i
H-M ;?û [m M?" +¬ M?QM; F?¬M; # Q ;B! ;†T çQÈ+ +¬X æ9M; p"v- S?MM; >ªB *?
+¬ ç½ i`ªB [m - HÌB +¬ M!B F?B M M? F?¬M; FB K çQÈ+ MQÈ+ K„iX J¶B F?B M?„
+O +¬ HçB ?B M` - p,M; pšM; # M i B M?- /"v tû i`€B iBK M?- ç v M;?B M i•K ?
M? ibK h?€B Zm®+ "ªQ- +?`m M;²B M;?2 + "m i T?•M i`-M K¼B +?mv MX h?€B Zm
+?d +! K°i i'KªM? ç½ H"K M? HmM; H v- M? F?¬M; tSM; pÈB iBM? v m oä *?B m
" im-M b m- S?MM; >ªB *?QM? p" h?€B Zm®+ "ªQ [m v p M?- HçB K°i H-M M[`
*?B m .QÆM;X

a m ç! oä *?B m .QÆM; +! M;?o i?Q€M; ?ÆM- M?QM; pšM `i ?"M S?MM; >ªB *?QM
/ÁM; +?[6 * U VX Lûi +?[m®M HQÈM- M?Q ç M?„+ M?È p çQçM ibM? +ªK M;„M
U V 6 *, 6m+F *?QM?X U*?9 i?Q+? +O i€+ ;BªXV

ejX *?QÆM; je, SXe *?QÆM; R

a m ;-M ? B M;"v M;²B Hb i`QÈ+ +Y M?" * Q E?„+- +m®B +MM; * Q E?„+ +kM; ç
æWM; p°B ?B m H-KX Gw Zm•M H" K°i M;Q!B +QM ;€B ?Q" M iQ" M t Hç pÈB * Q
F?¬M; [m2M #B i M? mX L M F?¬M; i? i`€+? M? H" ;½ i²B çQÈ+X

h®B ?¬K i`QÊ+ çB H`K p Km°M- M? M?bM i?'v K°i +¬ ;€B F?€ Hm°K i?m°K M;²B +
 F?¬M; ç w ç M +¬- +S i? KÎ+´M; p`Q M?`X
 æ M M;`v ?¬K M v pšM i?'v +¬ M;²B +Q `Q Î ç|- ç¬B K„i KÎ iQ M?bM M? M?Q ç M;
 M? +?¢M? HÁM;- ç`M? KÎB +¬ p`Q M?`X
 Gw Zm•M i?2Q b m M?X *¬ K†+ K°i #° p€v K`m t M? M?¢i- T?¬M i v €Q # M i`€B #
 Hm®+ M?bM ? i F p¬ ;B +QX
 * Q E?„+ H'v +?Q +¬ Qi #€M? Kb i`QM; iO H¢M?X L?bM +¬ ;€B çSM; v M K°i +?¶- +
 w i?S+ çQÊ+ #ªM i?•M KbM? F?€ #~M- F?¬M; Km®M H`K #~M Hm¬M +ª+,M M?`X
 M? / v / v i`€M- çB p`Q T?ÁM; M;O H'v ` K°i +€B €Q i?mM p` [m¬M çMBX M? çQ
 # T H` i?'v T?ÁM; i„KX \*¬ p`Q i„K bÆ [m çBXô
 *¬ #QÊ+ iWM; #QÊ+ `Ki ` p`Q T?ÁM; i„K i?2Q bU ?QÊM; /šM +O M?X
 Í # M M;Q`B- \* Q E?„+ HK+ i`QM; / M? #¢ çB M i?Q¢B `²B /WM; H¢B Î K°i b®- M?
 a m p`B ?²B +?m¬M; # M FB KÈB M;?2 K€vX
 óGw >mv M5ô M? M|BX
 ó:b i? M?\\ô Gw >mv M ?ÄB H¢B- ?ÆB M;¢+ M?B M F?B M?“M çQÊ+ +m°+ ;¼B iW
 ó1K +| `ªM? F?¬M;\\ M? M?Î +?9i +?mv MXô
 óo•M; ¢5ô
 E?B Gw Zm•M pW i„K tQM; i?b * Q E?„+ +kM; pW +?'K /Si +m°+ i`Á +?mv MX
 *¬ ;€B `Ki ` M;²B tm®M; ;? - ;†K M?„K ´ #€M? Kb M?¢i M? +?X
 * Q E?„+ `|i +?Q +¬ Hv b[ - `²B M;²B tm®M; ç®B /B MX M? [m M b€i #B m +ªK i
 >ÄB /Á p`B +•mX
 ó1K çB H¢+ ``\ô
 *¬ F?UM; H¢B- F?¬M; M?bM M?X
 ó1K +| M?È ç` +?d M?` KbM? Î ç•m F?¬M;\\ô
 *¬ pšM F?¬M; M?bM M?- M?QM; H¢B ç€T #^M; +€B H„+ ç¬mX
 óa® çB M i?Q¢B M;Q`B i?•M +?„+ +ÁM M?È +?S\\ô
 Gw Zm•M #Ä F?9+ #€M? Kb tm®M;- +¬ H¢B H„+ ç¬m H¬M M[X
 * Q E?„+ +® ;B[+?Q #ªM i?•M #bM? ioM?X M? +® ;B9T +¬ M?QM; +¬ +?ŠM; +?`m
 +ªK ÆM M?X
 óo"v +?„+ 2K +ÁM M?È i M KbM? +?S\\ô
 E?¬M; M?“M çQÊ+ +•m i`ª H`B- * Q E?„+ i?Î /`B K°i ?ÆBX M? çªQ K„i K°i pÁM;
 óæQÊ+ `²B- i¬B ;¼B +ªM? b€i ;BªB [mv i ;B9T p"v5ô
 L;Q`B /U çQ€M +O M?X L; v F?B M? pW M?“+ ç M +ªM? b€i- Gw Zm•M ç½ +?¢v
 çBX *¬ i?Î ``i ;'T- H²M; M;U+ +S T?“T T?²M;- ? B K„i i?b KÎ iQ- +?ŠM; K'v +?®+ ç
 M?bM ` +¬ ç M; ``i ?QªM; HQ¢MX
 ``K°i +¬ ;€B t H¢ MûK çB M i?Q¢B tm®M; ç'i- +?Q F ç M +?mv M +¬ i +?`m Æ
 ;B" M [m€i +¬ K'v iB M;X
 *¬ ;€B çSM; v M H„M; M;?2- ç¬m pšM +9B ;^KX *¬ #„i ç¬m F?|+- iB M; MS+ MÎ ``i
 H¢B `Q ¢iX

Gw Zm•M F?¬M; #B i H"K ;bX *¬ M;²B t'K tm®M; +-K +?B + çB M i?QçB pĐ H"K ç-
ç-mX

æ M; K½B HQ v ?Q v i?b +?m¬M; +Y `2Q H MX Gw Zm•M M; v H"TiS+ çSM; T?„i /
H-M M[i?ª +€B çB M i?QçB tm®M; b"MX :B`i?b +€B çB M i?QçB +O M? ç½ ?Q

* Q E?„+ FB K MûM +ÆM ;B"M- M? [m v HQM; çB p T?Q +Y +?QM?X

L?QM; çB çQÊ+ p"B #QÊ+ i?b +€M? i v M? #` ;B[HçBX ""M i v M?Ä M?„M +O Gw
K„i +¬ i`"M M;"T bU bÊ ?½BX M? +® ;Đ i v +¬ ` - +M; ;Đ +¬ HçB +M; ;B[+?†i ?A

h? H" M? iW #Ä- i?Î /"B K°i ?ÆB `²B M|B p¼M; ` M;Q"BX ó*Y F?¬M; F?| 5ô

E?B iB M; +€M? +Y KÎ p M; H M- Gw Zm•M ?®i ?QªM; M9T b m HQM; * Q E?„+- #"
€Q M?X

M? ?ÆB [m v ç-m M?bM +¬- #|M; /€M; +¬ +?bK ?ŠM b m +€B #|M; HÈM +O M?X
óhÈB `²B ""ô M? M?bM Gw >mv M- ?ÄBX

Gw >mv M ç†i K'v i9B ç² H M +€B #"M i`" ;-M ç|X óL;Q`B ç•m\ô

* Q E?„+ #QÊ+ b M; T?ªB K°i #QÊ+- Gw Zm•M +kM; #QÊ+ i?2Q M?X M? [m v ?Š
F?ÄB €Q M?- M|B #^M; ;B¼M; FB K +? X ó*¬ 'v F?¬M; T?ªB +ªM? b€i- H" 2K ?¼ i

*¬ #†K K¬B- +€M? KkB T?"T T?²M;- KB M +QĐM; i?ª €Q M? ` X

Gw >mv M +?çv ç M- M;„K M;?Q Gw Zm•M K°i +€+? i?¬ H¶X ósBM? [m€ M?d\ M
pW K„i ç'v +?S5ô

óL|B M?B mX J M; ç² p"Q çBX S?ÁM; +m®B ?"M? H M;Xô * Q E?„+ +? m K"v- M?
çB ` M;Q"BX

h`QM; M?" +?d +ÁM HçB ? B +¬ ;€BX Gw >mv M K M; i?2Q K'v i9B ç²- FûQ Gw Zm
H M; i?2Q H`B ?QÈM; /šM

e9X *?QÆM; je, J-K LQM

a m ;-M ? B M; "v M; ²B Hb i`QÊ+ +Y M?" \* Q E?„+ - +m®B +MM; \* Q E?„+ +kM; ç æWM; p°B ?B m H-KX Gw Zm•M H" K°i M; QÌB +QM ;€B ?Q" M iQ" M t H¢ pÈB \* Q E F?-M; [m2M #B i M? mX L M F?-M; i? i`€+? M? H" ;½ i²B çQÊ+X

h®B ?¬K i`QÊ+ çB H" K p Km°M- M? M?bM i?`v K°i +¬ ;€B F?€ Hm°K i?m°K M; ²B + F?-M; ç w ç M +¬- +S i? KÎ+´M; p"Q M?"X

æ M M; "v ?¬K M v pšM i?`v +¬ M; ²B +Q `Q Î ç|- ç¬B K„i KÎ iQ M?bM M? M?Q ç M; M? +?¢M? HÁM; - ç" M? KÌB +¬ p"Q M?"X

Gw Zm•M i?2Q b m M?X *¬ K†+ K°i #° p€v K"m t M? M?¢i- T?-M i v €Q # M i`€B # Hm®+ M?bM ? i F p¬ ;B +QX

* Q E?„+ H'v +?Q +¬ Qi #€M? Kb i`QM; iO H¢M?X L?bM +¬ ;€B çSM; v M K°i +?¶- + w i?S+ çQÊ+ #ªM i?•M KbM? F?€ #~M- F?-M; Km®M H" K #~M Hm¬M +ª+ ,M M?"X

M? / v / v i`€M- çB p"Q T?ÁM; M; O H'v ` K°i +€B €Q i?mM p" [m-M çMBX M? çQ # T H" i?`v T?ÁM; i„KX *¬ p"Q i„K bÆ [m çBXô

*¬ #QÊ+ iWM; #QÊ+ `Ki ` p"Q T?ÁM; i„K i?2Q bU ?QÈM; /šM +O M?X

Í # M M; Q" B- * Q E?„+ HK+ i`QM; / M? #¢ çB M i?Q¢B `²B /WM; H¢B Î K°i b®- M? a m p" B ?²B +?m¬M; # M FB KÈB M; ?2 K€vX

óGw >mv M5ô M? M|BX

ó:b i? M? \ô Gw >mv M ?ÄB H¢B- ?ÆB M; ¢+ M?B M F?B M?"M çQÊ+ +m°+ ;¼B iW

ó1K +| `ªM? F?-M; \ M? M? Ì +?9i +?mv MXô

óo•M; ¢5ô

E?B Gw Zm•M pW i„K tQM; i?b * Q E?„+ +kM; pW +?'K /Si +m°+ i`Á +?mv MX

*¬ ;€B `Ki ` M; ²B tm®M; ;? - ;†K M?„K ´ #€M? Kb M?¢i M? +?X

* Q E?„+ `|i +?Q +¬ Hv b[ - `²B M; ²B tm®M; ç®B /B MX M? [m M b€i #B m +ªK i >ÄB /Á p" B +•mX

ó1K çB H¢+ " \ô

*¬ F?UM; H¢B- F?-M; M?bM M?X

ó1K +| M?È ç` +?d M?" KbM? Î ç•m F?-M; \ô

*¬ pšM F?-M; M?bM M?- M?QM; H¢B ç€T #^M; +€B H„+ ç-mX

óa® çB M i?Q¢B M; QÌB i?•M +?„+ +ÁM M?È +?S \ô

Gw Zm•M #Ä F?9+ #€M? Kb tm®M; - +¬ H¢B H„+ ç-m H-M M[X

* Q E?„+ +® ;B[+?Q #ªM i?•M #bM? ioM?X M? +® ;B9T +¬ M?QM; +¬ +?ŠM; +?`m +ªK ÆM M?X

óo"v +?„+ 2K +ÁM M?È i M KbM? +?S \ô

E?-M; M?"M çQÊ+ +•m i`ª HÌB- \* Q E?„+ i?Î /"B K°i ?ÆBX M? çªQ K„i K°i pÁM; óæQÊ+ `²B- i¬B ;¼B +ªM? b€i ;BªB [mv i ;B9T p"v5ô

L;Q`B /U çQ€M +O M?X L; v F?B M? pW M?„+ ç M +^aM? b€i- Gw Zm•M ç½ +?çv
 çBX *¬ i?Î`i ;'T- H²M; M;U+ +S T?"T T?²M;- ? B K„i i?b KÎ iQ- +?ŠM; K'v +?®+ ç
 M?bM` +¬ ç M; `i ?Q^aM; HQçMX
 "` K°i +¬ ;€B t Hç MûK çB M i?QçB tm®M; ç'i- +?Q F ç M +?mv M +¬ i +?`m Æ
 ;B" M [m€i +¬ K'v iB M;X
 *¬ ;€B çSM; v M H„M; M;?2- ç-m pšM +9B ;^KX *¬ #„i ç-m F?|+- iB M; MS+ MÎ`i
 HçB`Q ç iX
 Gw Zm•M F?¬M; #B i H`K ;bX \*¬ M;²B t'K tm®M; +-K +?B + çB M i?QçB pĐ H`K ç-
 ç-mX
 æ M; K½B HQ v ?Q v i?b +?m¬M; +Y `2Q H MX Gw Zm•M M; v H"TiS+ çSM; T?„i /
 H-M M[i?ª +€B çB M i?QçB tm®M; b`MX :BÎ i?b +€B çB M i?QçB +O M? ç½ ?Q
 * Q E?„+ FB K MûM +ÆM ;B" M- M? [m v HQM; çB p T?Q +Y +?QM?X
 L?QM; çB çQÊ+ p`B #QÊ+ i?b +€M? i v M? #` ;B[HçBX ""M i v M?Ä M?„M +O Gw
 K„i +¬ i`M M; "T bU bÊ ?½BX M? +® ;Đ i v +¬ ` - +`M; ;Đ +¬ HçB +`M; ;B[+?†i ?A
 h? H` M? iW #Ä- i?Î /`B K°i ?ÆB `²B M|B p¼M; ` M;Q`BX ó*Y F?¬M; F?| 5ô
 E?B iB M; +€M? +Y KÎ p M; H M- Gw Zm•M ?®i ?Q^aM; M9T b m HQM; * Q E?„+- #`
 €Q M?X
 M? ?ÆB [m v ç-m M?bM +¬- #|M; /€M; +¬ +?bK ?ŠM b m +€B #|M; HÈM +O M?X
 óhÈB `²B ``ô M? M?bM Gw >mv M- ?ÄBX
 Gw >mv M ç†i K'v i9B ç² H M +€B #`M i` ; -M ç|X óL;Q`B ç•m\ô
 * Q E?„+ #QÊ+ b M; T?ªB K°i #QÊ+- Gw Zm•M +kM; #QÊ+ i?2Q M?X M? [m v ?S
 F?ÄB €Q M?- M|B #^M; ;B¼M; FB K +? X ó*¬ 'v F?¬M; T?ªB +ªM? b€i- H` 2K ?¼ i
 *¬ #†K K¬B- +€M? KkB T?"T T?²M;- KB M +QĐM; i?ª €Q M? ` X
 Gw >mv M +?çv ç M- M;„K M;?Q Gw Zm•M K°i +€+? i?¬ H¶X ósBM? [m€ M?d\ M
 pW K„i ç'v +?S5ô
 óL|B M?B mX J M; ç² p`Q çBX S?ÁM; +m®B ?`M? H M;Xô * Q E?„+ +? m K`v- M?
 çB` M;Q`BX
 h`QM; M?` +?d +ÁM HçB ? B +¬ ;€BX Gw >mv M K M; i?2Q K'v i9B ç²- FûQ Gw Zm
 H M; i?2Q HÎB ?QÈM; /šM +O * Q E?„+X
 *¬ H¬B `i M?B m [m-M €Q iW i`QM; K'v i9B ;B'v ` - çO FB m- F +ª ç² H|iX
 ó M? ?¼ M?Î KbM? Km - F?¬M; #B i +| ?ÊT ;m +`m F?¬M; \ô Gw >mv M M?bM Gw Z
 *¬ M?bM ç®M; [m-M €Q- ;"i ç-m K°i +€BX
 ó M? ?¼ ?ÆB +° +^M- M?QM; çQÊ+ +€B i®i iQM?Xô Gw >mv M pšM HQ v ?Q v i bK
 ç² +?Q Gw Zm•MX óJ` +`m i M ;b M?d\ " Q M?B m i m' B\ æ iB M tQM; ?¬ 'v K`5ô
 i?B MX
 Gw Zm•M BK H†M; K°i H9+- i v +¬ +?çK p`Q HÈT pªB HK K K KQÊi +O #° ç² M;O
 KÈB [mv i ç`M? M|B ` i M KbM?X óGw Zm•MX JQÎB +?QM i m' BXô
 ó±- M?Ä i? `X o`v ;¼B KbM? H` +?` M?ûX JbM? ? B KQÆB # `²B5ô *¬ çQ +?Q Gv
 F K i?2Q +ª ç² H|iX óGw Zm•M Gw Zm•M ô *¬ H`K #`K- +ªK i?'v +€B i M M`v `i [r
 ç½ M;?2 [m Î ç•mX
 Gw Zm•M K M; ç² p`Q T?ÁM; i„K i? vX \*¬ çSM; i`QÊ+ ;QÆM;- p i #-K Î çMB ç½ M
 i v +kM; F?¬M; +ÁM ç m M[X *¬ H„+ ç-m- +® `k #Ä K¼B i?S` F?ÄB ç-mX

Gw >mv M p®M H" M; QìB ?Qç i #€i- K¼B M; QìB B +kM; [mw K M +¬ 'v- i? M M F?
p ?ÆM ?ŠMX

óa Q 2K HçB i M H" Gw Zm•M M?d\ :B®M; i M +QM i` B [m€5ô Gw >mv M +?ªB i|
HQM;- M?QM; F?¬M; çQÊ+ bm¬M KQÊi +?Q H„KX

ó1K F?¬M; #B i5ô *¬ M|B `i F?)X

ó:B¼M; 2K ? v i?"i ç'v5 L;¼i ç M i M +?ªvX G9+ ;¼B çB M +?Q +?`- M? * Q E?„+
+?S5ô Gw >mv M +QìB HÈM p`B iB M;- M?QM; `²B HçB +ªK i?'v +•m M|B +O Kb
HªM; b M; +?mv M F?€+X ó1K #Ä M?" çB `ìô

L;Q`B /U çQ€M +O Gw >mv M- +¬ M;?o Gw Zm•M b) F?¬M; i`ª HìB- B M;ì Gw Zm•
> B +¬ ;€B F?¬M; M|B i? K HìB M`QX

æ M +?"T i®B * Q E?„+ KÈB [m v p X *¬M; pB + +O M? H" i?B i F ç² ?¼ - F?¬M;
M?B m- +?d ?¬K M`Q +¬M i?ªQ Hm"Mp /U €M KÈB- M? KÈB T?ªB ç M +¬M; ivX

h` M i v M? t€+? ? B i9B #|M;- çUM; iQ`M ç² ,MX M? p`Q T?ÁM; ;¼B Gw >mv M p
Gw >mv M çQ +?Q Gw Zm•M K°i T?¬MX óGw Zm•M- ,M çB M`v- +?„+ 2K ç|B `²B T?

óGw Zm•M\ô * Q E?„+ M?QÈM; K°i # M K`v- iÄ p M;ç+ M?B MX

óh M +O 2K 'v5ô Gw >mv M ;„T K°i çk Kb +?Q p`Q KB M;X

ó1K\ô * Q E?„+ M;ç+ M?B M i? K H¬M M[X

óJQìB +?QM im´BX M? M?bM +¬ 'v HÈM ? v H" M?bM 2K +ÁM M?Ä- çWM; H`K p
ç w ç M M? ?¼- iB T iK+ ,MX

óE?¬M; T?ªB H" 2K iU ç†i i M +?Q 2K 'v +?S\ G`K ;b i`MM; ?ÊT ç M KS+ +MM; ?¼

óE?¬M; M|B +?mv M pÈB M? M[5 1K ç M; ç|B H„KXô *¬ tm i vX

* Q E?„+ [m v b M; M?bM Gw Zm•M ç M; HU ?`M? #Ä b M; K°i # MX M? i?Î /`B-
+?Q +¬X

Gw >mv M ç°i M?B M M;~M; ç¬m H M- pW M|B pW M? BX óh?'v +?Q 5 æ`M? K M
ç M KS+ ? B M;QìB +MM; ;?ûi ?`M? ç M p"v5ô

M? +®+ ç¬m Gw >mv M K°i +€BX óGQ ,M çB5 L?B m +?mv M5ô

óL ibM? M? Km ç² ,M p M M 2K i? +?Q M? H¬M M`v5ô

L½v ;Bì Gw Zm•M pŠM BK H†M; M;²B +çM? Gw >mv M- +¬ F?¬M; #B i T?ªB M|B ;b
+?ûM ço X

h€K ;Bì ?ÆM- Gw >mv M T?ªB p M?"X * Q E?„+ iB M +¬ ` t2 `²B [m v HçBX h?'v C
M? M;?o ;b ç| `²B Kî KB M; M|BX ó1K ç`M? Î HçB ç•v H•m /`B `ìô

*¬ M;QÈ+ M?bM M? ? B ;B•v `²B ;"i ç¬m K°i +€BX

óE?¬M; bÊ i¬B #„i 2K çB #€M `ìô

*¬ H„+ ç¬mX

M? i?Î /`B- [m v HQM; ç`M? p T?ÁM;X

Gw Zm•M H'v ? i + M çªK- ;¼B ;B"i M? HçBX ó M? * Q5ô

* Q E?„+ /WM; #QÈ+- [m v ç¬m M?bM +¬X

ó1K b) H`K pB + M?" ;B9T M?X L m M? +ªK i?'v T?B M i?b i?b b m ? B i?€M; M
F?¬M;ìô

G-M ç-m iB M çQÊ+ M;?2 ;B¼M; +- i`€B iBK M? K K M?kM ` - ;B¼M; +O +- i?
M;"QX M? +ÁM M;?o- M m +- /MM; i? K p K†i ç€M; i?QÆM; pÈB ç-B K„i HQM; H
ç" M -M; t T ?"M; Km®M çQÊ+ # Q Mm-B +-X

a m p" B ;B•v H'v H¢B #bM? ioM?- M? i`ª HìB +-X óh?-B çQÊ+ `²BX h? K K°i KB
L¡B tQM; M? [m v HQM; çB p T?ÁM; KbM?X

h`QÊ+ ç•v M? iWM; [m2M K°i +- ;€B- +?„+ F?QªM; # M,K i`QÊ+X >¼ [m2M M? i
i vX M? +kM; +?ŠM; #B i Hw /Q i¢B b Q- +- ;€B 'v +?d M?„MiBM #ªQ +?B i v- M
bm v M;?o b) i bK K°i K®B [m M? M;?B K i9+ ç ;„M #¡ H•m /"B- K†+ /M M,K M v ç¼
M? H-M HQÊi F i ?-M `²B bBM? +QM- +ÁM M? ç M +ª K°i #¡M; ?²M; +kM; F?-M;

"® K M? i?9+ ;BK+ +?mv M ;B çbM? K½BX J¶B H-M p M?" H" K°i H-M M;?2 #®
+?ŠM; Km®M p M?" M[X L?QM; M;?o çB M;?o H¢B i?b ?¼ +kM; +?d Km®M çQÊ+
M?- bBM? çQÊ+ ? B çS K°i i` B K°i ;€B- M;†i K°i M¶B ;B çbM? +?²M; Î t - K°i M
H-MX L M pB + ;BK+ M? +QÊB pÊ +kM; H" H) çQÆM; M?B M i?-BX

e8X *?QÆM; jd, *?QÆM; k

aU tm'i ?B M +O Gw Zm•M ç½ªM? ?QÎM; F?€ M?B m ç M +m°+ b®M; p" +ª H®B br
"m´B b€M; M;O /"v- i?'v +- çB [m çB H¢B i`QM; # T- H"K çO i?S i`Á K" i?"M? [ma i
ç-m M? i?'v ?ÆB T?B M- [m p" B ?-K i?b [m2M /-MX

G9+ i`QÊ+ Î K°i KbM?- M? i?QÎM; ,M b€M; H9+ KQìB ;Bì- ;Bì ,M +U+ Fb i?'i i?Qì
M? i?QÎM; ;B"i KbM? /"v iW bÊK- +® M;O H¢B K" F?-M; i? X

ó1K F?-M; i?QìM; tmv M M'm ,M `\"ô \* Q E?„+ M?bM ç®M; i¢T M? K i` M #\"M- ç-m

Gw Zm•M tK K†i tm®M;X Zma i?U+ H" +- F?-M; ? v M'm ,MX E?B Î +MM; M;QìB ç
H"K ;b +ª- K¼B i?S ç m +¡ M;QìB ;B9T pB + T?K i`€+?X *¡ i? M¡B ç•v H" H-M ç-m

* Q E?„+ M?bM Gw Zm•M #m²M`-m i?b +ªK i?'v ?ÆB i°B H¶BX M? Km®M M¡B ;b ç
#B i #\"v iÄ i? M"QX óh-B i?Q+? i`SM; ®T p" #€M? Kb- #[b€M; F?-M; +-M +-m F
K°i H9+ +kM; çQÊ+5ô

M? i?W M?"M- Gw Zm•M i`-M; F?€ tBM?X \*¡ H) ç M; i`QM; ç° im´B i? M? tm•M M
+?d +¡ çB m M?9i M?€i [m€- ç-B H9+ F?B M M? +?€M M;€MX

> B im-M b m ç¡ +-M; pB + +O M? +\"M; H9+ +\"M; M?B mX "ªM i?B i F T?ªB bY
i€+ HB M iK+ H"K F?¡ M?- çÁB ?ÄB +€+ +?B iB i T?S+ i¢TX *¡ ?-K M? T?ªB i?S+
i?ªQX

h?'v M? i?S+ F?mv H"K pB +- Gw Zm•M Km®M H"K ;b ç¡ +?Q M?X *S ç M F?mv
M? +ÁM b€M;- +- b) iU ç°M; çB T? +?Q M? +®+ +\" T? ?Q†+ H"K +?9i ç² ,M M?
#B i F?~m p` +O M? i? M"Q- i? H" +?Q b[M?B m ?ÆM +\" T? X M? M?'T K°i M
#ªQ M? F?-M; i?Q+? b[- H-M b m T? +?Q M? +\" T? i?-BX *¬ ;"i ç-m M;?2 i?2

" im-M b m ç¡- * Q E?„+ TªB çB L?"i ç M;?B M +Sm +-M; i`bM? ;b ç¡X h`QÊ+ F?
+?Q Gw Zm•M #B i- pb M? M;?o `\"M; çB m M"v F?-M; +-M i?B iX

a€M; bÈK ?-K ç¡ M? t€+? p HB ` F?ÄB M?"- ç¡M t2 ` i?ŠM; b•M # vX

J¼B +?mv M Î L?"i /B M ` bm-M b X E?B p F?€+? b¢M M;?d M;ÆB- M? F?-M; iU
Î M?" H M t2KX

* K2` Î T?ÁM; F?€+?- # M +¬M; i¬M; ? B- b•M b m F?¬M; +| K°i #|M; M; QÌBX \*S`²B- M?QM; F?B M?bM ç M + K2` Î +Y +?QM?- M? ?ÆB; B"i KbM?X

Gw Zm•M M;²B i`QÊ+ +Y - KQÌB H,K T?9i b m +¬ pšM M;²B Î ç| p" F?¬M; +| /'m ?B

"v ;BÌ M? Km®M HB M H¢+ pÈB +¬- ?ÄB t2K +¬ ç M; H"K ;b M;Q" B ç|X L?QM; +? i?Q¢B- +kM; +?ŠM; #B i H"K i? M"Q ç HB M H¢+ pÈB +¬X

M? M;?o ç M Gw >mv M- Km®M M?ì +QM #û i?b +kM; T?ªB ç ÊB ç M b€M; K BX H"K i? M"QX h? H" M? +S M?bM +?^K +?^K +€B #|M; M?Ä i` M K" M ?bM?- +?Q ç T?ÁM; M;O- M? KÈB +?`m i„i K€v iQM? ç B M^K M;?dX

* Q E?„+ M^K i` M ;BQÌM;- M? M?"M` #ªM i?•M +| [m M i•K ç†+ #B i ç M Gw Zm ç`M? pB + KbM? i?Q+? +¬; €B 'vX M? +?Q`^M; pb ?¼ b®M; +?mM; pÈB M? m +kM +?d [m M i•K +¬ M?Q K°i M;QÌB i?•MX oª H¢B #•v ;BÌ +¬ ç M; b®M; Î M?" M?- M M? F?¬M; i`€M? çQÊ+ HB M HKvX

æB iÈB ç B HmB K½B- F?B F?¬M; +?®M; H¢B M¶B +ÆM #m²M M;O- Gw Zm•M KÈB h®B ?¬K [m * Q E?„+ F?¬M; p M?"- ç2K M v +kM; i? X *¬ ç½ +® ;„M; i?S+ ç ÊB i ç ÊB i? K çQÊ+ M[X

*¬ +?d HQ M? ;†T +?mv M- p"v i?b +¬ +?ŠM; #B i T?ªB MQÆM; /U p"Q BX "® K b®M; Î pB M K² +¬B ç M M,K #ªv im´B i?b çQÊ+ M;QÌB ç`M ¬M; FB M?"M Mm¬BX ç|- iW K°i çS M? +? M?€+ #¶M; #B M i?"M? +¬M; +?9 X

L;?o ç M M;QÌB ç`M ¬M; 'v- +¬ p¬ i?S+ +m°M M;QÌB H¢B- M?[M; FQ S+ +S M M?` X

L;`v ?¬K b m- Gw >mv M ç MX \*¬ 'v K M; i?2Q`'i M?B m ç² ,M +?Q Gw Zm•MX

ó M? * Q E?„+X X X M? 'v +| +?mv M ;b b Q\ô Gw Zm•M ?ÄBX

óš- M? 'v çB +¬M; i€+X a€M; M v ;¼B +?Q +?`- F m +?` [m t2K 2K i? M"Q5 *QM i?b F?¬M; M|B +?Q M;QÌB i #B i- ç M MÆB i?b H¢B bÊXô Gw >mv M pšM K½B t ?B M p K†i #®B`®B +O Gw Zm•MX

* Q E?„+ [m M i•K KbM?X *¬ M;?o i?-K- ?|` M? 'v +| [m M i•K ç M KbM?X

óo"v # Q ;BÌ M? 'v KÈB p \ô

ó*?„+ p" B ?¬K M[Xô Gw >mv M [m v ç-m M?bM +¬- +QÌB KdKX óa Q\ L?È`²B` \ô

Gw Zm•M F?) ;B"i KbM? pb #` M|B i`9M; iBK ç2M- K†i +¬ çÄ /-M H MX Gw >mv M

h`€B iBK #û M?Ä +O i?B m M[ H-M ç-m iB M`mM; ç°M;X Gw Zm•M T?€i ?B M Kb E?„+- i?Q+? M;„K M? H"K pB + ;b ç|X

ó M? 'v +| #¢M ;€B +?Q ¢\ô

L;?2 i?'v +•m ?ÄB i?ŠM; i?WM; +O Gw Zm•M- Gw >mv M ?ÆB M;¢+ M?B M- +¬ F i?„M M?Q p"vX ó*?Q X 1K i?Q+? M? 'v` \ô

Gw Zm•M F?¬M; +® +?®B #Ä- +¬ F?) ;"i ç-mX

ó*?` OM; ?° ? B M;QÌB5ô Gw >mv M +QÌB iQ2X

h®B i?S M,K * Q E?„+ KÈB p - pW p"Q +´M; M? ç½ i?'v Gw Zm•M çSM; i`QÊ+ +Y M?ÄX

ó•M ;b +?Q \ô M? ?ÄB- M?' + p HB çB H M K'v #"+ i? M;X

ó*?Q ¢5ô *¬ i`ª HÌB- #QÈ+ ç M T?K M? K°i i vX

óh? v ç² çB- M? çQ çB ,M5ô

Gw Zm•M ?ÆB M;¢+ M?B M- M?QM; +kM; M? M? +?¡M; +?¢v p T?ÁM; i? v p° ç² iC

*kM; çQÈ+ K°i i?ÌB ;B M Gw Zm•M F?¬M; ` M;Q¨B- +°M; i? K +?mv M H–M ç–m iB
M¨v- M M +¬ ?ÆB M;Æ M;€+X

* Q E?„+ çB i`QÈ+ K°i

eeX *?QÆM; jd, æ•K *?²B

aU tm'i ?B M +O Gw Zm•M ç½ªM? ?QÎM; F?€ M?B m ç M +m°+ b®M; p¨ +ª H®B br
"m´B b€M; M;O /"v- i?'v +¬ çB [m çB H¢B i`QM; # T- H¨K çO i?S i`Á K¨ i?"M? [mª i
ç-m M? i?'v ?ÆB T?B M- [m p¨B ?¬K i?b [m2M /-MX
G9+ i`QÊ+ î K°i KbM?- M? i?QÌM; ,M b€M; H9+ KQÌB ;Bì- ;Bì ,M +U+ Fb i?'i i?QÌ
M? i?QÌM; ;B¨i KbM? /"v iW bÊK- +® M;O H¢B K¨ F?¬M; i? X
ó1K F?¬M; i?QÌM; tmv M M'm ,M ``\ô * Q E?„+ M?bM ç®M; i¢T M? K i` M #¨M- ç-m
Gw Zm•M tK K†i tm®M;X Zmª i?U+ H¨ +¬ F?¬M; ? v M'm ,MX E?B î +MM; M;QÌB ç
H¨K ;b +ª- K¼B i?S ç m +| M;QÌB ;B9T pB + T?K i`€+?X *| i? M|B ç•v H¨ H-M ç-m
* Q E?„+ M?bM Gw Zm•M #m²M `¬m i?b +ªK i?'v ?ÆB i°B H¶BX M? Km®M M|B ;b ç
#B i #¨v iÄ i? M¨QX óh¬B i?Q+? i`SM; ®T p¨ #€M? Kb- #[b€M; F?¬M; +-M +-m F
K°i H9+ +kM; çQÊ+5ô
M? i?W M?"M- Gw Zm•M i`¬M; F?€ tBM?X \*| H) ç M; i`QM; ç° im´B i? M? tm•M M
+?d +| çB m M?9i M?€i [m€- ç¬B H9+ F?B M M? +?€M M;€MX

ó"•v ;B`iKB M?|+ #Ä M?" çB M?B m H„KX \*"m +~M i?"M #`#@ K M;Q`B i FB M ç'v
L?•M pB M FB #Ä çBX * Q E?„+ çSM; Î+Y M?bM Gw Zm•M- +ªK i?'v +¬ #û M"v ç
?ŠM T?ªB +| Hw /Q M;?B K i`¼M; M"Q ç| KÈB F?B M +¬ #Ä M?" çB M?Q p"vX
h`QM; i`mM; i•K Km b„K- * Q E?„+ HU +?Q Gw Zm•M K°i +€B çB M i?QçB- Km i
b® M? p"QX a m ç| ?¼ çB /çQ [m p"B +Y ?"M; #€M [m-M €Q 'KX
Gw Zm•M çB T?Q b m- M?bM +?^K +?^K +€M? i v * Q E?„+X *¬ H'v ? i + M çªK- #
M„K K°i ;|+ €Q +O M?X
* Q E?„+ ç°i M?B M /WM; #QÈ+- M? [m v ç-m M?bM +¬ ;€B M?Ä ç M; `Ki` M„K
i v +¬ ` F?ÄB €Q p"i? v i? #^M; #"M i v M?X \*¬ çÄ K†i- M;QÈ+ H M M?bM M?`²
i`€B iBK ç"THQçM M?`TX

edX *?QÆM; j3, *?QÆM; j

h`QM; i`çK M MBM? pÈB `i M?B m K€v iQM? çQÈ+ +`B ç†i T?-M K K M?"M /B M
¬M; +| K°i p i b Q Î+´ ç M; +?,K +?9 [m M b€i +¬ ;€B K†+ €Q ç-K ?Q çB +MM; K°
F?B +?„+ +?„M ç| H" M;Q`B +-M i bK- ?„M i +-K çB M i?QçB ;¼B p"Q K°i b® K€v K
" M FB pW +| iQM ?B m- ?„M ç½ M|BX óGw ççB ;B - i bK çQÈ+ M;Q`B `²B- # Q ;B
hW ç-m /•v # M FB i`mv M ç M ;B¼M; M|B i`-K i?'T +O ç" M ¬M;X óh?'v M;Q`B `²
ó" Q ;B`i?b i¬B K M; ç M +?Q M? çQÈ+∧ô >„M ?ÄB- [m v b M; ` H M? +?Q ç" M 2H
ó"i +S H9+ M"Q5ô L;Q`B ç" M ¬M; i`QM; çB M i?QçB ;^M iWM; +?[X

öJ†i i`lB p" K†i i`,M;-

"bM? KBM? `²B ?Q" M; ?¬M-

h`,M; i`ÁM i`,M; F?mv i-

æÆK ?Q F i i`€B-

hbM? v m +O +?9M; i

J½B # M +?†iXö

Gw Zm•M M?bM +?,K +?9 #S+ i` M? p) i oM? p"i çQÈ+ i`2Q i`QM; T?ÁM; H"K pB +
b€+?X *¬ [m v b M; ?ÄB M?X ó"S+ i` M? M"v +O B i? ç∧ô

* Q E?„+ `lB K„i F?ÄB K" M ?bM?- M?bM i?2Q ?QÈM; i v +¬ +?dX æ¬B K„i M? M;Q
i`ª HlBX óš- #çM ;€B +k p) i†M; M?5ô L;?o ;b ç| - M? HçB M|B i? KX óL m 2K F?-

óE?¬M; +-M ç•mX X Xô *¬ tm i v- M;"T M;WM; K°i H9+X ó M? H"K i?Æ i†M; 2K çQ

M? +Q`B- i`ª HlB iMv iB MX ó M? F?¬M; ;BÄB K'v F?QªM ç| - M?QM; M m 2K p) i?

ó M? ?S M?û5ô > B K„i +¬ ;€B M?Ä b€M; #WM;X

* Q E?„+ F?¬M; M;Î+¬ HçB M?B i i bM? ç M p"vX *¬ tBM M? K°i i l ;B'v F K +•v #9
K°i H9+ H•mX a m ç| +¬ çQ +?Q M?- MK +Q`B HçB MÎ i` M K¬BX

h` M i` M; ;B'v- +¬ p) M? ç M; M;²B H"K pB +- ;|+ M;?B M; ?Q" M ?ªQ- M? i?-K ;
KbM? ç T K" F?¬M; +?`m i?W M?"M F?ª M,M; p) imv i p l B +O +¬X

ob ç½ ?S b) H`K i?Æ i†M; +¬- M?QM; +QM M;Q`B F?¬ F? M M?Q M?- H`K b Q pB
 ? v ?Q 'v- M M 'v ç`M? ?¢ #9i pB i #W K'v +?[- ð Gm¬M KdK +Q`B p` ?¢M? T?9+ M
 E?B çQ H¢B +?Q Gw Zm•M- M? F?¬M; ?B m i¢B b Q K†i +¬ H¢B çÄ H M M?Q p"v-
 b M b9 \
 h?S ibM? +ªK KÈB +?ÈK Mî # Q ;Bì +kM; ç TX hW /¢Q ç!- K¼B i?S i`QM; K„i Gw
 ç M H¢X *¬ F?¬M; M;¢B #`v iÄ ibM? +ªK pÈB M?- +ÁM * Q E?„+ iQM? ibM? p®M F
 +?`m iÄ` /`m /`M; [m M i•K ç M +¬X
 M? i?Q`M; çQ +¬` M;Q`B çB /¢Q- ?¼ M„K i v M? m çB [m +¬M; pB MX *! K°i çB
 ç! H` i¢B b Q +¬ F?¬M; çÁB M?[M; K!M [m` ç€M; v m M?Q M?[M; +¬; €B i` ? v çÁ
 +?ŠM; çÁB ;b +ª- M? +?Q ;b i?b M?“M H'v i?S ç!X h?“K +?Q +! K°i H-M M? çQ +
 K K- +¬ +kM; +Q`B K°i +€+? pmB p X
 óGw Zm•MX X Xô M? ;¼B- [m v b M; M?bM +¬; €B M?Ä çB # M +¢M?X ó*! i?Q+? ;
 *¬ ;Bª pì bmv M;?o- `²B M? M? +?!M; H„+ ç-mX
 * Q E?„+ M?bM [m M?- i?'v K°i +Y ?`M; #€M ?Q X óJm ?Q +?Q 2K M?û\ô
 ó1K F?¬M; i?Q+? ?Q Xô *¬ iW +?®BX
 M? M?,M K†iX S?K M[p®M /o ç½ F?! ?B m- M? H¢B F?¬M; ? iBM? w M M #¢M
 /¶B- #•v ;Bì ;†T +¬; €B M?Q Gw Zm•M- M? i?U+ bU +?„+ +?„M `^M; T?K M[ H` ;B®
 ``M i v M? ç†i H M p B +¬- +?d +?Q +¬ i?'v K'v +†T ç¬B tmM; [m M?X ó1K t2K- #
 M?B m H` i?S- i`QM; b® M?[M; i?S ç! 2K F?¬M; i?Q+? #'i +S ;b ``\ô
 ó1K i?Q+? M?5ô *•m i`ª HìB +O Gw Zm•M F?B M H¶i B * Q E?„+ M!M; #WM;X ó*
 M? +S FB M [mv i Km®M Km [m` +?Q 2KX X X WKX X X p"v i?b i†M; 2K +m®M H
 E?! 2 K¬B M? M? +? H M- i¢Q i?“M? K°i çQ`M; +QM; ç T K„iX G9+ ç! M? M?“M`
 çÆM i?m-M- +?d +¬M H` i?S M? +?Q- +¬ b) +ªK i?'v i?Q+? i?9X
 óæQÊ+ `²B- Hèi p çQ 2K5ô M? H¢B M„K H'v #`M i v +¬- +?Q p`Q i9B €Q F?Q€+

 J°i M;`v ;B[ i?€M; K°i- F?¬M; F?Q F?¬M; +ÁM `ûi KQÈi M?Q K'v i?€M; i`QÈ+ M[
 M?B mX o` i?Q`M; i?b i?`B iB i b) / +?`m i`QÈ+ F?B +ÆM ;B¬M; tm'i ?B MX X X
 h?S M,K M;`v ? B KQÆB K®i i?€M; K°i- Gw Zm•M #` #„i `ìB t * Q E?„+X

 h`Q ?¬K 'v- \* Q E?„+ H M +¬M; iv M?“M pB +- #`M ;B Q #ªM i?ªQ pÈB F?€+? ?`M
 M; vX >¬K M v M? ç½ ? M b) çQ Gw Zm•M` M;Q`B ,MX
 E?B M? i` +?b F?! p`Q ´- pW ç i v p`M tm®M; - i?b K°i +?B + t2 ¬i¬ /WM; F`
 M?X * Q E?„+ [m v ç-m- M?bM p`B M;Q`B ç`M ¬M; ?mM; iÈM #QÈ+ p`Q M?“ M?X
 ó*€+ M? ibK B\ô M? ?ÄB- +?•M K`v ?ÆB M?Qm H¢B ç-v +ªM? ;B€+X
 óhB m i?Q M?“ +?9M; i¬B çB H¢+- M;?2 M!B ç M; î ç•v ç9M; F?¬M;\ô oW M!B- M;C
 K°i i'KªM? i`QM; i9B €Q F?Q€+ +?Q M? t2KX
 *¬ ;€B i`QM; i'KªM? ç! H` Gw Zm•MX
 M? F?¬M; #B i M M H`K ;b- M?[M; M;Q`B ç`M ¬M; M`v M?bM [m € #†K i`ÈM- M? F
 ?¼X ô*¬ 'v F?¬M; Km®M

e3X *?QÆM; j3, L^av G^o+

h`QM; i`ϕK M MBM? pÈB `i M?B m K€v iQM? çQÊ+ +`B çti T?–M K K M?"M /B M
¬M; +! K°i p i b Q Î+´ ç M; +?,K +?9 [m M b€i +¬; €B K†+ €Q ç–K ?Q çB +MM; K°
F?B +?„+ +?„M ç! H` M; QÌB +–M i bK- ?„M i +–K çB M i?QϕB ;¼B p`Q K°i b® K€v K
" M FB pW +! iQM ?B m- ?„M ç½ M!BX óGw çϕB ;B - i bK çQÊ+ M; QÌB `²B- # Q ;B
hW ç–m /•v # M FB i`mv M ç M ;B¼M; M!B i`–K i?'T +O ç`M ¬M; X óh?'v M; QÌB `²
ó" Q ;B!i?b i¬B K M; ç M +?Q M? çQÊ+ \ô >„M ?ÄB- [m v b M; ` H M? +?Q ç`M 2K
ó"i +S H9+ M`Q5ô L; QÌB ç`M ¬M; i`QM; çB M i?QϕB ;^M iWM; +?[X

ôJti i`lB p` Kti i`,M;-

"bM? KBM? `²B ?Q`M; ?¬M-

h`,M; i`ÁM i`,M; F?mv i-

æÆK ?Q F i i`€B-

hbM? v m +O +?9M; i

J½B # M +?tiXô

Gw Zm•M M?bM +?,K +?9 #S+ i` M? p) ioM? p`i çQÊ+ i`2Q i`QM; T?ÁM; H`K pB +
b€+?X *¬ [m v b M; ?ÄB M?X ó"S+ i` M? M`v +O B i? ϕ\ô

* Q E?„+ `lB K„i F?ÄB K`M ?bM?- M?bM i?2Q ?QÈM; i v +¬ +?dX æ¬B K„i M? M; Q
i`ª HlBX ó§- #ϕM ;€B +k p) i†M; M?5ô L; ?o ;b ç!- M? HϕB M!B i? KX óL m 2K F?

óE?¬M; +–M ç•m ô *¬ tm i v- M; "T M; WM; K°i H9+X ó M? H`K i?Æ i†M; 2K çQÊ+ F

M? +QÌB- i`ª HlB iMv iB MX ó M? F?¬M; ;BÄB K'v F?QªM ç!- M?QM; M m 2K p) i?

ó M? ?S M?û5ô > B K„i +¬; €B M?Ä b€M; #WM; X

* Q E?„+ F?¬M; M; ! +¬ HϕB M?B i i bM? ç M p`vX *¬ tBM M? K°i i! ;B'v F K +•v #9
K°i H9+ H•mX a m ç! +¬ çQ +?Q M?- MK +QÌB HϕB M!i` M K¬BX

h` M i` M; ;B'v- +¬ p) M? ç M; M;²B H`K pB +- ;!+ M; ?B M; ?Q`M ?ªQ- M? i?–K ;
KbM? ç T K` F?¬M; +?`m i?W M?"M F?ª M,M; p) imv i p!B +O +¬X

ob ç½ ?S b) H`K i?Æ i†M; +¬- M?QM; +QM M; QÌB F?¬ F? M M?Q M?- H`K b Q pB
? v ?Q 'v- M M 'v ç`M? ?ϕ #9i pB i #W K'v +?[- óGm¬M KdK +QÌB p` ?ϕM? T?9+ M

E?B çQ HϕB +?Q Gw Zm•M- M? F?¬M; ?B m iϕB b Q Kti +¬ HϕB çÄ H M M?Q p`v-
b M b9 \

h?S i bM? +ªK KÈB +?ÈK MÎ # Q ;B! +kM; ç TX hW /ϕQ ç!- K¼B i?S i`QM; K„i Gw
ç M HϕX *¬ F?¬M; M; ϕB #`v iÄ i bM? +ªK pÈB M?- +ÁM * Q E?„+ iQM? i bM? p®M F
+?`m iÄ` /`m /`M; [m M i•K ç M +¬X

M? i?QlM; çQ +¬ ` M; Q`B çB /ϕQ- ?¼M „K i v M? m çB [m +¬M; pB MX *! K°i çB
ç! H` iϕB b Q +¬ F?¬M; çÁB M?[M; K!M [m` ç€M; v m M?Q M?[M; +¬; €B i` ? v çÁ
+?ŠM; çÁB ;b +ª- M? +?Q ;b i?b M?"M H'v i?S ç!X h?"K +?Q +! K°i H–M M? çQ +
K K- +¬ +kM; +QÌB K°i +€+? pmB p X

óGw Zm•M ô M? ;¼B- [m v b M; M?bM +¬; €B M?Ä çB # M +ϕM?X ó*! i?Q+? ;b F?

*¬ ;Bª p! bmv M; ?o- `²B M? M? +?!M; H„+ ç–mX

* Q E?„+ M?bM [m M?- i?'v K°i +Y ?`M; #€M ?Q X óJm ?Q +?Q 2K M?û\ô

ó1K F?¬M; i?Q+? ?Q Xô *¬ iW +?®BX

M? M?,M K†iX S?K M[p®M /o ç½ F?| ?B m- M? H¢B F?¬M; ? iBM? w M M #¢M /¶B- #•v ;Bì ;†T +¬ ;€B M?Q Gw Zm•M- M? i?U+ bU +?„+ +?„M ``^M; T?K M[ H`` ;B®

""M i v M? ç†i H M p B +¬- +?d +?Q +¬ i?'v K'v +†T ç¬B tmM; [m M?X ó1K t2K- # M?B m H`` i?S- i`QM; b® M?[M; i?S ç| 2K F?¬M; i?Q+? #'i +S ;b ``\ô

ó1K i?Q+? M?5ô *•m i`ª HìB +O Gw Zm•M F?B M H¶ i B * Q E?„+ M!M; #WM;X ó* M? +S FB M [mv i Km®M Km [m`` +?Q 2K WK p``v i?b i†M; 2K +m®M H#mK ªM?

E?| 2 K¬B M? M? +? H M- i¢Q i?""M? K°i çQìM; +QM; ç T K„iX G9+ ç| M? M?"M ` çÆM i?m-M- +?d +¬M H`` i?S M? +?Q- +¬ b) +ªK i?'v i?Q+? i?9X

óæQÊ+ `²B- H€i p çQ 2K5ô M? H¢B M„K H'v #``M i v +¬- +?Q p``Q i9B €Q F?Q€+ (

J°i M;``v ;B[ i?€M; K°i- F?¬M; F?Q F?¬M; +ÁM `ûi KQÈi M?Q K'v i?€M; i`QÊ+ M[ M?B mX o``i?QìM; i?b i?ìB iB i b) / +?`m i`QÊ+ F?B +ÆM ;B¬M; tm'i ?B M

h?S M,K M;``v ? B KQÆB K®i i?€M; K°i- Gw Zm•M #` #„i ``ìB t * Q E?„+X

h`Q ?¬K 'v- * Q E?„+ H M +¬M; iv M?"M pB +- #``M ;B Q #ªM i?ªQ pÈB F?€+? ?""M M; vX >¬K M v M? ç½ ? M b) çQ Gw Zm•M ` M;Q``B ,MX

E?B M? i` +?b F?| p``Q ´- pW ç i v p`M tm®M;- i?b K°i +?B + t2 ¬i¬ /WM; F` M?X \* Q E?„+ [m v ç¬m- M?bM p``B M;QìB ç``M ¬M; ?mM; iÊM #QÊ+ p``Q M?" M?X

ó*€+ M? ibK B\ô M? ?ÄB- +?•M K``v ?ÆB M?Qm H¢B ç¬v +ªM? ;B€+X

óhB m i?Q M?" +?9M; i¬B çB H¢+- M;?2 M!B ç M; î ç•v ç9M; F?¬M;\ô oW M!B- M;C K°i i'K ªM? i`QM; i9B €Q F?Q€+ +?Q M? t2KX

*¬ ;€B i`QM; i'K ªM? ç| H`` Gw Zm•MX

M? F?¬M; #B i M M H`K ;b- M?[M; M;QìB ç``M ¬M; M``v M?bM [m€ #†K i`ÊM- M? F ?¼X ó*¬ 'v F?¬M; Km®M çB +MM; +€+ M?5ô

h M ç¬m i`¼+ M?' +•v i,K i`QM; KB M; ` - ç~v K'v +€B p``Q p B M?X óL!B i?W - # K M; M;QìB p - K``v M;?o K``v +ªM çQÊ+ ``\ô

_²B #¼M +?9M; #„i ç¬m ç°M; i vX * Q E?„+ K†+ /M iWM; î i`QM; [m•M ç°B- ç½ iWM K°i KbM? M? F?¬M; i? ç€M? H¢B #®M M;QìB ç``M ¬M; çQÊ+X h? H`` M? #` ç€M?

h`QM; H9+ ç| - ? B M;QìB ç``M ¬M; F?€+ ç½ p``Q M?" çQ Gw Zm•M ` M;Q``BX

*¬ pW F?|+ pW ;``Q i M M?- i` M ;QÆM; K†i +?d iQ``M MQÊ+ K„i p`` bU bÊ ?½BX 2K ô

M? +® ç~v M;QìB /"v- M?QM; K°i ;½ çSM; +¢M? H¢B ç¢T M? tm®M;X M? i?"K + K„i M?bM +¬ +?Q `äX

æ¬m i`¼+ M?bM i?'v +ªM? iQÊM; KMB KšM- F?¬M; F?ÄB `MM; KbM?X >„M +QìB ó*?9 Gw ibK 2K K'v i?€M; M v- M;Q M M;Q½M p M?" çB- M? 2K #¼M i¬B F?¬M; H

*¬ ?ûi HÈM p``Q K†i i M ç¬m i`¼+X óE?¬M;5ô

>„M pm®i K†i- K'i ? i FB M M?šM- ` H M? +?Q ç``M 2KX óæ2K H M t25ô

* Q E?„+ F?¬M; +ÁM +?9i bS+ HU+ M``Q- M? /²M ? i bS+ çQ +€M? i v pÈB i?2Q +Sm #B i?QÆM; +O Gw Zm•MX L?QM; M? +?šM; i? çm´B i?2Q- pb K¼B i?S #¶M F?¬M; +ÁM M?"M i?S+ çQÊ+ çB m ;b M[5

> B M; QÌB ç" M ¬M; ç~v +¬ p" Q #, M; ; ? +m®B i`QM; +?B + GBKQmbBM2 #ç+- +ÁM
ç-m i`¼+ [m v ç-m M?bM +¬- +QÌB M; çQ M; ? X ó1K; €B- i°B; b HçB i?2Q +€B i M
+?9 Gw F?¬M; i®i`"ô

Gw Zm•M F?¬M; i`a HÌB- +¬ +S M; ²B F?|+ M?Q i? bm®i +ª [m ½M; çQÌM; /"B- +?d
ç-m M; O i?B T çBX

E?B +¬ KÎK„i` - T?€i?B M +?B +t2 ç½ /WM; i`QM; F?m¬M pB M M?" Gw a•KX *?
ç½ #` H¬B p +, M M?" M"v- +¬ ç½ i? K T?¬M ?QªM; bÊ F?B M?bM i?'v Gw a•K ç M;
Km®M F?|+ M?QM; +® +¬K +U ç F?¬M; `ÆB K°i; B¼i MQÊ+ K„i M"QX

óE?¬M; Î+çM? i¬B K'v i?€M; K" ç½ [m M K'i T?ûT H`+? bU `²B " \ s2K` bU ;B€Q /
M, K [m ç½ #` M; QÌB ç" M ¬M; FB T?€ ?Ov `²B M?d\ô G•K a•K FûQ ;QÆM; K†i +¬ H
iWM; +?B iB i M?Ä i` M ;QÆM; K†i +¬X

Gw Zm•M +® i`€M? Mû- +¬ [m v K†i b M; +?¶ F?€+XL?QM; Gw a•K F?¬M; #m¬M; i
+¬ M?bM ?„MX óZm M i¬B H" B `²B " \ >ª\ô

*¬; €B M?Ä +„M K¬B- +?d #B i i`WM; K„i M?bM M; QÌB ç" M ¬M; X

Gw a•K +QÌB M?ç i- ?„M FûQ +¬ tm®M; t2- K†+ +?Q +¬ pMM; pšvX óL?®i M| p" Q T

> B +¬; €B ;B9T pB +; B[H'v Gw Zm•M- çQ +¬ p T?ÁM; X ó*?9 F?¬M; +| [mv M M
; B¼M; `mM `~vX

> „M Î T?Q i`QÊ+- M; ?2 +¬ M|B p"v HB M [m v M; Q„i ç-m HçB- ç¬B +QM M; QÆB ç;
p" Q T?ÁM; - F?¬M; M; ?2 i¬B M|B ; b "ô

Gw Zm•M p HçB +, M T?ÁM; i`QÊ+ FB KbM iWM; Î- ç½ iWM; `i pmB p F?B Î ç•v-
bÊ ?½BX *¬ #` M?®i i`QM; T?ÁM; - #B i`^M; /M KbM? +| ;"Q i?ûi i? M"Q +kM; +?
#B i T?| i?€+ b® T?"M p" Q i v Gw a•KX

Gw >mv M iW M?" p bBM? çB` i?b T?€i?B M * Q E?„+ ç½ idM? HçBX M? M?bM
`ä ç M; M; ?o ;bX

ó M? idM? `²B " \ô Gw >mv M HçB ; -M ;BQÌM; # M?- M?bM ;QÆM; K†i #-K /"T +O

* Q E?„+ F?¬M; i`a HÌB- M? ç M; M?È HçB M?[M; ; b ç½ tªv` X óGw Zm•M ç•m\ô

Gw >mv M M?9M p BX ó1K F?¬M; #B iX G9+ 2K ;¼B +?Q M? i?b K°i M; QÌB ?"M;
2K ç M ç•v- M? +ÁM +?ŠM; M|B +?Q 2K #B i +?mv M ; b ç M; tªv` Xô

M? M; ?o K°i H9+- `²B M?ª` K'v +?[X óGw Zm•M #` #„i çB `²B5ô

¬ M?ªv /UM; H M- K²K HB M i?Q„M; X ó€B ;b\ M? ç½ #€Q +ªM? b€i +?Q \ a Q H
+| ;•v i?M pÊB B ç•m5 > v H" M? ;•v +?mv M pÊB B- ç M; QÌB i #„i 2K 'v çB\ô C
T?ÁM; - KB M; pšM H~K #~K ; b ç|X óE?¬M; çQÊ+ `²B- 2K T?ªB #€Q +ªM? b€i5ô

Gw >mv M ç`M? H¬B çB M i?QçB` #€Q €M i?b * Q E?„+ ç½ F`T M; ,M HçBX óæW
/"vX ó"® +¬ 'v +?Q M; QÌB çB FB K- ibK çQÊ+ HB M #„i p X *?mv M M?" M; QÌB i- +

J†+ /M M|B p"v M?QM; i`QM; ç-m M? ç½ M; ?o ç M`i M?B m +€+? ç ibK Gw Zm•M
#„i ç-m iW ç•m- K°i KbM? ibK FB K b) `i F?| - M? +?d F?¬M; Km®M Gw >mv M T?
ç m F?` H" çQÊ+ `²BX

óo"v M? +S ç 2K 'v çB M?Q p"v " \ *QM #û +| p F?¬M; i?Q+? p M?" +?Q H„KX M?
T?ªB M; ²B K'v iB M; ç²M; ?² i`QÊ+ M?" M? +?d ç tBM K°i +?¶ M; O i?¬B " \ E?B 2
Km®M M?„+ ç M ;B çbM? M|Xô L?[M; ; b Gw >mv M M|B- F?¬M; T?ªB M? +?Q iW
ç" M ¬M; #†K i`ÊM 'v çQ Gw Zm•M çB- M? +?d ?"M KbM? F?¬M; çO KçM? K) ç ;B

M? M?' + +€M? i v #` #| #°i- `²B bÌ HÈT #,M; i`„M; [m M? #KM;X óa Q H¢B [m'M
M?,M M?|X

Gw >mv M +?¢v ¸ M +ªMX óoW #¬B i?m®+- ¸WM; i?€Q ` p°BX J` b Q M? H¢B i?
¸ M; Mû i`€M? +•m ?ÄB +O 2K ô *¬ HQ v ?Q v- iU ibK +€+? ;BªB i?Q+? i?Ä ¸€M;X
H` +?mv M M`v ô

ó1K p i`QÈ+ ¸B- M? +-M M;?d M;ÆB5ô M? M?„K K„i- M;ª ¸-m /U p`Q i?`M? ;BQ

ó M? F?¬M; ibK i?b 2K ibK5ô Gw >mv M M|B +?„+ +?„M- ;B¼M; +¬ K M; i?2Q +?9
F?ÄB T?ÁM; - ¸|M; b-K +Y - ¸ M? Î H¢B +MM; KÈ bmv M;?o ?¶M HQ¢MX

"m´B i®B- ? B +¬ ;€B ;B9T pB + H M F m Gw Zm•M tm®M; /MM; #[X *¬ H„+ ¸-m -
+¬ ;€B FB F?¬M; M;¢+ M?B MX >¼ i?b i?-K pÈB M? m ;b ¸|- `²B K°i +¬ ;€B H M
;¼B +¬ tm®M; ,M +?Q #^M; ¸QÈ+- F?¬M; Km®M ,M +kM; T?ªB tm®M;5ô

Gw Zm•M i?Î /`BX ó> B +?` tm®M; i`QÈ+ ¸B- 2K `Y K†i `²B tm®M; M; v5ô

> B +¬ ;€B H†M; H) ¸|M; +Y - #Ä ¸BX

E?B +¬ #QÈ+ tm®M; p` M;²B p`Q #`M ,M- ¸®B /B M pÈB Gw a•K- +¬ T?€i ?B M i` M
i vX *¬ M?Qm K`v- M?bM +?^K +?^K Gw a•KX óa Q +?9 H`K p`v\ô

Gw a•K +?“K `½B M? B ? i T?-M i?S+ ,M i`QM; KB M;X óG`K ;b\ô

ó*?9 +?9 ¸€M? ? B +?` 'v\ô

ó1K #m°+ i°B i¬B\ L m F?¬M; ¸€M? ?¼- +?ŠM; H) ¸€M? 2K\ô æ¬B K„i b„+ #ûM +O
+O Gw Zm•M- ?„M Km®M +„M H`v #Ì K¬B 'vX

J†i +¬ i€B M?Êi- pW M½v +ÁM iQ K²K- #•v ;BÌ H¢B BK M?Q i?|+- +?ŠM; F?€+ M`C
F?ÄB +QM K QX

am®i #[,M +¬ F?¬M; M|B i? K ;b- +¬ F?¬M; Km®M FQ+? ¸°M; +QM M;QÌB FB -
E?„+X

Gw a•K /MM; #[tQM; HB M H M H-m- T?ÁM; ?„M Î T?Q # M i`€B +-m i? M; +ÁM
?„M ¸B F?m'i /¢M;- Gw Zm•M KÈB #`i /"v- ¸B p T?Q ? B +¬ ;€B ;B9T pB +X

ó1K tBM H¶B- 2K F?¬M; M;Ì +?9 'v H¢B ¸€M? ? B +?`5 1K i?U+ bU tBM H¶B5ô *¬
? B +¬ ;€B- ;B¼M; ¸-v ,M M,MX

¬ ;€B i|+ [m,M +QÌB +QÌB- ¸†i i v H M p B +¬X ó¬ +?O- F?¬M; b Q ¸•mX «M; +?
i?¬B5ô

óæ9M; ¸'v- #¼M i¬B F?¬M; b Q ¸•m5ô *¬ ;€B i|+ M;„M M|B i? KX

óL?•M /`T M`v ;BÈB i?B m Hm¬MX h¬B H` hB m \*?•m- p` 2Ì-M\$À ò#tÀ Ð°\$Ö, M °\$Ö, \$

:−M # i?€M; F?¬M; ;†T M? m- F?Q^aM? F?„+ çQ^ˆM iK- F?¬M; B M|B M M H^ˆBX Gw
F?B M? pW KÎ+Y ` - +¬ ?Qi ?<sup>ˆ</sup> KMB ?QÆM; i` M +Æ i? M?- #'i; B€+ #^ˆi F?|+ M
* Q E?„+ pšM +?Q i? iBM H^ˆ +¬ ;€B M? ibK FB K K'v i?€M; M v ç M;

dyX *?QÆM; jN, æ|M L„M;

JQìB M;“v b m * Q E?„+ çQÊ+ tm'i pB M- M?QM; +S ? B im–M T?ªB p“Q pB M FB
+kM; b„T çQÊ+ i?€Q #°iX Gw >mv M pb HQ H„M; +?Q M? ?¼ M M M;“v M“Q +kM;
i?m®+`²B ,M m®M; ç9M; ;BìX

* Q E?„+ M“Q +| i•K i`¢M; X \*?d ,M [m HQ +?Q [m #[ `²B H¢B i'i #”i çB ?ÄB i?,
M? +?¢v F?“T +€+ ç²M +ªM? b€i- M?QM; +?ŠM; B +?`m ;B9T M?X

*¬M; pB +; 'T`9i M? +kM; pSi b M; K°i # M- +ªM;“v +?¢v M; QÊ+ +?¢v tm¬B +?d k
+¬ ;€B #û M?Ä +O M?X

> B ?¬K i`QÊ+ Gw >mv M ç M ibK \* Q E?„+ - pW i`¬M; i?'v M? - +¬ #` ?M ç M ;B”i

ó M? ç M; H“M +€B [m€B ;b i? M“v\ M? pšM ç M; b®M; ç'v +?Sìô

* Q E?„+ F?¬M; [m M i•K ç M Gw >mv M- M?`|i MQÊ+ p“Q Hv`²B çQ H M K¬BM
Gw >mv M +?¢v ç M i`QÊ+ K†i M? ?¼X ó M? +| M; ?2 2K M|B ;b F?¬M; \ô

ó M? F?¬M; çB +5ô * Q E?„+ i`ª HìBX

*¬i?Î /“B- H„+ ç–m M?bM M? ?¼X ó>¬K [m 2K M?ì # ?ÄB +?9 +K+ i`QîM; - +?9 'v
b€i- +?9 'v ;B9T 2K ibK Gw Zm•MX M? çB +MM; F?¬M; \ô

h?€B ç° * Q E?„+ i? v ç´B M; v H”T iS+X ó>¼ +?`m ;B9T 2K b Q\ô

Gw >mv M ;”i ç–mX

* Q E?„+ p°B p½ i? v [m–M €Q`²B i?2Q Gw >mv M ç M p,M T?ÁM; +ªM? b€iX

" M ç–m i?€B ç° +O ? B pB M +ªM? b€i i`U+ î #° T?“M t€+ M?“M / M? iQM?`i ?²
iBM p Gw Zm•M- M?QM; F?B M?bM ç M T?–M M?•M i?•M- #B m +ªK +O ?¼ ?ÆB [

J°i M?•M pB M M|B pÈB +¬X ó*?9M; i¬B +–M T?ªB t€+ M?“M p“B i?¬M; iBM- ç +?“
M?û5ô

M? i ;¼B çB M i?Q¢B +?Q B ç| - M?bM +| p +,M; i?ŠM; X

óh?Q b TX hKB 2K ibK çQÊ+ M; QìB K“+QM ;€B +?9 Gw M?ì ibK ;B9T`²B ¢5ô

óh? i?b i®i5ô

óL?QM; K“ô

ó*?mv M ;b +”m M|B M? M? çB- i¬B F?¬M; +| i?ìB ;B M5ô

ó*¬ ;€B +–M ibK H“Gw Zm•M- +QM ;€B +O Gw a•KXô

óh? i?b b Q\ô

ó M? i H“2K i`B +O +?9 Gw5ô

æ–m # M FB BK #†i K°i H9+ H•mX óh`QÊ+ K†i +”m çWM; +?Q +QM ;€B +?9 Gw #
>B m F?¬M; \ô

M? +?“M; M?•M pB M p•M; /¢`²B [m v H¢B p`i`Q H“K pB +X M? i M|B pÈB Gw
+?9M; i¬B +?d ibK i?'v i?¬M; iBM +€ M?•M +O +¬ Gw Zm•M- T?–M i?•M M?•M ? v
+”T M?“iXô

Gw >mv M iÄ p iB + Mm®B +ÁM * Q E?„+ i?b ;–M M?Q imv i p¼M; X M? ibK FB K
+?ŠM; +| +?9i ?B p¼M; M“QX æ M iB b€M; +m®B +MM; M“v +kM; #` /”T i„i- +| H) -
i?“i`²BX

«M; Gw M?"M çQÊ+ +m°+ ;¼B iW +K+ i`QÎM; +ªM? b€iX E ç-m çm¬B bU ibM?- ¬M
;¼B +?Q 2K i` B KbM? H" Gw a•KX

ó*?9 /çQ M"v i? M"Q\ô

ó M? +| +?mv M ;b F?¬M; \ æWM; M|B H" ;¼B çB M +?d ç ?ÄB i?,K i?¬B ç'v M?û\
#KM; b) F?¬M; M?"M +m°+ ;¼B M"v- M?QM; /M b Q +kM; H" M? 2K- H•m M;"v F?
;„M; ;QÊM; ç¬B # +•m +?„+ +kM; F?¬M; ç M M¶B M"QX

óo"v M? M|B i?ŠM;X *QM +O +?9- Gw Zm•M- +| M;QÌB ç M; ibK M|X hçB b Q +?
F?¬M; +mM; +`T i?¬M; iBM +?Q +?`M; i` B FB \ô

>„M +QÌB M?ç iX ó1K F?¬M; i?Q +?X h?^M; M?|+ ç| #€K çm¬B +QM 2K- 2K +?d ç M

ó*?"M; i` B ç| H" M? ?¼ # M pÊ +O +QM ;€B i¬BX h¬B iBM +QM #û F?¬M; F i ;B

ó*?mv M M?" 2K- M? F?¬M; T?ªB M?B m HìB5ô >„M HçM? HMM; M;„i M; M; +m°+

h?^M; M?|+ ç| +ÁM ¬K K°M; pÈB Gw Zm•M- ?„M ç½ [m€ HÆ H" `²BX *¬ ;€B +O ?„
M;QÌB F?€+ çQÊ+X

L;²B +?mM; #`M ,M- ç®B /B M pÈB Gw a•K- Gw Zm•M +?ŠM; i? ,M ;b M´BX *¬ +ª
¬M; M"v- FBM? iÎK K¼B i?S i?m°+ p ?„M i - F +ª +€B +Æ i? #` ?„M +?çK p`Q M[

L?bM ` i?€B ç° F?BM? KB i +O Gw Zm•M- Gw a•K F?¬M; #m²M- pb +¬ +| ç ?„M
HQçB +?`M; i` B FB ` F?ÄB i`Q | + +¬X ó1K +ÁM M?Ê +?`M; i` B- i M ;b M?dX VK
óš ç9M; `²B- * Q E?„+X L?Ê ?„M F?¬M;\ô

Gw Zm•M b[M; b|p`B ;B•v- b[ i`QM; Hv i` M i v +¬ ?ÆB b|M; b€M?X

óL m M?È i?b 2K çB ;†T ?„M çB ô >„M M|B K" F?¬M; M?bM +¬X

óh?"i F?¬M;\ô *¬ i`ÁM K„i M?bM ?„M- HÁM; ç-v pmB KWM;X

ó ob ç•v H" H-M +m®B ? B M;QÌB ;†T M? m5ô Gw a•K m®M; M;KK MQÊ+- M|B K
+?mv M pÈB i M M?|+ FB çB- i¬B F?¬M; Km®M 2K /•v /Q pÈB B ? iXô >„M M?bM

Gw Zm•M b[M; b|M?bM ?„MX æ M F?B ?„M `ÌB F?ÄB #`M ,M `²B- +¬ pšM M;²B M;•

*ª M;"v ?¬K ç| - +¬ ç½ M;?o- M m M?Q Gw a•K +?Q +¬ çB ;†T * Q E?„+ - +¬ M?'i ç
ç M #'i +S MÆB M"Q- p'M ç H" HB m M? +| +?'T M?"M iW #Ä K¼B i?S ç çB +MM;

L; v M;"v ?¬K b m- Gw Zm•M ç½ çQ ` [mv i ç`M?X *¬ ;†T Gw a•K i`QM; T?ÁM; H"

ó*?Q i¬B KQÌB M;"vX JQÌB M;"v b m i¬B b) [m v p p" +?'K /Si K¼B +?mv M pÈB *

>„M F?¬M; i? K M?bM +¬X ó"av M;"vX E?¬M; i`ª i? KXô

*¬ M;?B M ` ,M;- Km®M +?çv ç M +`Q K†i ?„M ` - Km®M ?ÄB t2K içB b Q ?„M HçB
+¬ #B i KbM? F?¬M; i? - +¬ T?ªB çB ;†T * Q E?„+ - T?ªB ¬K +?†i H'v M? M; v F?B

h`B t +O Gw a•K çQ +¬ ç M i`QÊ+ +´M; M?" * Q E?„+X *?B +t2 +?Q /WM; HçB +
+?çv p°B p`Q # M i`QM;X

E?B Gw Zm•M ç`T +Y `¬K `¬K- \* Q E?„+ ç M; O `k # M #`M ,M p" M? F?¬M; +| w
+?Q `^M; ç| H" Gw >mv M +?çv ç M H"K HQçM- M M F?¬M; [m M i•K ç MX *?Q ç
M?X " M ç-m M? +ÁM iQÎM; KbM? M;?2 M?¬K- b m ç| HçB M;?2 çQÊ+ i? K H-M
+?çv ` KÎ +Y X

:-M # i?€M; F?¬M; ;†T M? m- F?QªM? F?„+ çQ`M iK- F?¬M; B M|B M M HìBX Gw
F?B M? pW KÎ +Y ` - +¬ ?Qi ?` KMB ?QÆM; i` M +Æ i? M?- #'i ;B€+ #`i F?|+ M

* Q E?„+ pšM +?Q i? iBM H¨ +¬ ;€B M? ibK FB K K'v i?€M; M v ç M; î i`QM; pÁM
 M|M; iW F?|2 K„i M? +kM; i`Q` X
 >¼ F?¬M; M|B H`B M`Q- +S i? ¬K M? m K` F?|+ - K½B ç M F?B M¶B M?È M; m¬B M
 ó1K M?È M?5ô Gw Zm•M pW H m MQÈ+ K„i pW M|BX
 óVKX o H¨ i@i`²B5ô M? M•M; K†i +¬ H M- M; „K M; ?Q X
 *¬ #”i +Q`B- M„K H'v i v M?X ó M? ç `•m M?bM t'm [m€5ô
 * Q E?„+ +Q`B- M? FûQ +¬ b€i p`Q HÁM; - F?¬M; Km®M +¬ t i-K i v M?X
 *?B m ç| b m F?B * Q E?„+ pW i?¬M; #€Q Gw Zm•M [m v p - Gw >mv M p°B p`M; +
 oW M?bM i?'v Gw Zm•M- Gw >mv M ç½ ¬K H'v +¬- ?ÄB çO i?S +?mv M F?B M Gw
 iW ç•mX
 óhW iWX 1K 'v pW p - 2K H`K 2K 'v ?QªM; ç'v5ô \* Q E?„+ iW i`QM; # T çB ` - +
 i` M i v- çQ K°i +®+ +?Q Gw >mv M- K°i +?Q Gw Zm•MX
 Gw >mv M M?“M +®+ + + Q- #om K¬BX óæ9M; i?“i H`5 Gw Zm•M p H` F?€+ M; v
 Zm•MX ó1K F?¬M; #B i ç•m- F?¬M; +| 2K Î ç•v- M? 'v +?ŠM; iY i pÈB +?` M?Q p
 HYM; - +?` +ÁM iQÎM; M? 'v K'i ?²M M[ç'v5ô _²B +¬ [m v b M; HB + * Q E?„+X ó
 * Q E?„+ F?¬M; ç w- M? +Q`B M? +? K¬B K°i +€B- b m ç| [m v p`Q T?ÁM; H`K pE
 *•m M|B +O Gw >mv M F?B M Gw Zm•M bmv M; ?o K½BX *ª ? B M; Q`B ?¼ ç m +?
 F?¬M; `B t * Q E?„+ M[X æB m ç| i?U+ bU F?B M +¬ +ªK i?'v i°B H¶BX
 E?B M?bM i?'v * Q E?„+ iB m iKv M?Q p`v- +¬ `i ç m HÁM; X o` M; ?o ç M KbM? +
 M; `v M[- +¬ +?d Km®M +? i çB F?B F?¬M; +ÁM ;†T çQÊ+ M?X
 a m F?B Gw >mv M p - Gw Zm•M M? M?“M; KÎ +Y T?ÁM; H`K pB + +O * Q E?„+
 H`K pB + +O M?- F?¬M; M|B ;bX
 * Q E?„+ M; QÊ+ M?bM +¬- MÎ K°i MK +Q`B 'K €TX óGw >mv M p `²B `ô
 *¬ ;”i ç-m- çQ i v +?¢K p`Q ;QÆM; K†i ç½ +¢Q b¢+? `•m +O M?X ó>¬K M v +?
 M?û\ô
 _m°i ; M * Q E?„+ #¶M; M?B M`¢Q `U+ pb +•m M|B [m€ H` K`B ;¼B +O +¬X G9+ ç
 +Q`B +Q`B FûQ +¬ H¢B ;¬MX óL?È M? ç M p`v `ô
 Gw Zm•M F?¬M; +?2 ;B'm +ªK t9+ +O #ªM i?•M- +¬ ;”i ç-m M; v H”T iS+X
 óo”v 2K p T?ÁM; i`QÊ+ çB- M? H`K tQM; +€B M`v `²B [m M; v5ô M? pm®i i|+ +
 *¬ W K°i iB M; `²B M; Q M M; Q½M çB p T?ÁM; M; O +O M? M;²B çÊBX
 E?B M? p`Q T?ÁM; - T?€i ?B M +¬ ç M; M;²B i` M ;BQ`M; t2K ;b ç| `i +?, K +?9X M
 +¬ ç M; t2K ;b- ?| ` H¨ +m®M H#mK +O M?- M? +ÁM +?ŠM; #B i b Q +¬ FB K
 M?È KbM? ç M| Î ç•m M[X
 *¬ t2KªM? `i +?, K +?9- H¢B +| p i?Q+? i?9X óh?Q+? H„K `ô M? M;²B F # M- M
 ;”i ç-m- M; QÊ+ K†i M?bM M?X :QÆM; K†i +O ?¼ ;¬M b€i p`Q M? m- ç M M¶B +
 +O M?X *¬ M?bM +?^K +?^K K¬B M?- #’i ;B€+ Km®M M K i?YX
 * Q E?„+ +kM; F?¬M; FB K +? çQÊ+ #ªM i?•M- M? çQ i v ;B[H'v +´ +¬- M; ?B M;
 M? mX
 æ•v F?¬M; ?ŠM H` MK ?¬M ç-m +O Gw Zm•M- M?QM; ç•v H` H-M ç-m iB M +¬ +ª
 ?Q`M iQ`M F?€+ pÈB H9+ Gw a•K ?¬M +¬X *€B +€+? M? ?¬M +¬- ç-v i`•M [mw p
 /`M? +?Q +¬- F?B M +¬ i? K H K Km®M #’i +?’T i’i +ª ç çQÊ+ # M +¢M? M?X

æ K M v- +¬ Km®M #Ä [m i'i +ª- +¬ Km®M i" M ?QÎM; i`¼M p M +ªK ;B€+ F?B ç QÊ+
i?ÏB ;B M M ;„M M ;OB M"v ç i¢Q ` i?"i M?B m F?QªM? F?„+ ç T +MM; M?X
L^K i`QM; pÁM; i v +O * Q E?„+¬ +¬ ?B p¼M; ;B•v T?9i M"v FûQ /"B K½BX *¬ M^K
iWM; M?`T ç" T +O i`€B iBK M?X ó1K v m M?Xô *¬ i?b i?¬KX

G9+ i`QÊ+ pb /"M? [m€ M?B m i?ÏB ;B M ç ibK FB K Gw Zm•M- M M #•v ;Bì HQÊ
+?'i i?"M? ç®M;X

Gw Zm•M F?¬M; Km®M H"K HÐ pB + +O M?- M?QM; +kM; F?¬M; Km®M M? /MM
M?Q p"vX h? H" +¬ +?d M;²B # M +¢M? M?- [m M b€i K¼B +Y +?d ?"M? ç°M; - iW
K†i F?B M? i" T i`mM; bmv M; ?oX

²B +S i? - ? B M; "v i`¬B [m i`QM; p¬ M; ?o X *"M; ;¬M ç M M; "v i?S #ªv- i•K i`¢M
M M ;'T`9iX \*¬ H"K ;b +kM; `i M? M?- b m ç| p°B p" M; +?mB p"Q pÁM; i v M?- M

G9+ ç| * Q E?„+ +?ŠM; M; ?o ;b t t¬B- M? +?Q `^M; +¬ ç M; H"K MkM; - M M +?B
L; "v i?S M, K- * Q E?„+ pŠM K½B H"K pB +X Gw Zm•M i?U+ bU F?¬M; i? +?ì ç ÊB
M†+ ç ÁB M? çQ ç M +¬M; pB M ;BªB i`QX h`QÊ+ i?€B ç° FB M [mv i +O +¬- M?
p" çB +?ÆB +MM; +¬X

Gw Zm•M iWM; ç M K°i +¬M; pB M ;BªB i`Q HÈM ?ÆM +?¶ M"v M?B mX *¬ Km®M
Gw a•K F?¬M; +?Q T?ûT- #•v ;Bì i?b i®i`²B- +¬ +| i? i`ªB M; ?B K +?9M; pÈB * Q

h?"i` i?b \* Q E?„+ F?¬M; Q M´B K'v i`Á +ªK ;B€+ K¢M? M?Q p"vX L?QM; ç Gw Z
H¢B F?¬M; v M i•K- i? H" ç" M? T?ªB #'K ; M #'K `m°i +?ÆB +MM; +¬X

*| çB m H" F?B i`Á +?ÆB pW +?mv M ç°M; - \* Q E?„+ ç½ p°B M?„K i`i? B K„i- +?d

Gw Zm•M #„i ;†T ?bM?ªM? v m çm®B +O M?- #'i ;B€+ +QÏB F?¬M; i?¬B- +S i?

M? #B i +¬ ç M; +QÏB KbM?- M M +® ibK +€+? i? M? KBM?X ó.¢Q M"v H"K pB + M
+?Q€M; p€M; - +?S M? F?¬M; bÊ K'v i`Á M"v ç•m5ô

óo•M; ô Gw Zm•M pW ç€T pW +?2 KB M; +QÏBX

L; "v i?S b€mX

*?Q ç ÊB Gw Zm•M pÁB poM?- * Q E?„+ ç½ M|B ?¬K M v b) çQ +¬ ` #B M +?ÆBX
h`¬M; i?'v #B M iW ç^M; iQ i t - Gw Zm•M p°B p" M; i?€Q /•v M iQ" M`²B H Q ` F?/
J v K" * Q E?„+ #„i F`T- M m F?¬M; +?ŠM; #B i +¬ H¢B çB H¢+ ç M ç•mX

M? M|BX ó*`i ç² ç½5ô

Gw Zm•M M?ªv +šM; H M- +QÏB iQ2 iQûiX óo•M;5ô

*¬ t€+? T?K M? i9B ç² M?Ä- i?2Q M?•M pB M T?K+ pK p T?ÁM;X *,M T?ÁM; b¢+
+U+ Fb ç T ç) p" iQÆB K€iX

L; "v ?¬K ç| +¬ /"M? +ªM; "v M; ?`+? +€i M; ?`+? MQÊ+- i?2Q M? ` #B M +•m +€- ,M
+?ÆB ç M M¶B #m´B i®B [m v p T?ÁM; i„K `Y - +¬ T?€i ?B M / KbM? ç½ #` `€K M

M? H¬B K°i imwT F2K iW i`QM; i9B ç² +€M?•M ` - çQ +?Q +¬X ó"¬B çB- F2K /QÊ

Gw Zm•M M?"M H'v- KÎ M„T ` ç`M? #¬B i?b M?bM i?'v M? +kM; +?ŠM; F?€ ?ÆM K
M? H¢B- M|BX óæ 2K #¬B +?Q M?5ô

ó M? F?¬M; +¬M5ô * Q E?„+ iW +?®BX M? ç M; /¼M / T p" B i?SX

óG¢B ç•v5 M? +kM; #` +?€v M„M; K`5ô *¬ iB M H¢B FûQ M? M;²B tm®M; ;BQÏM; ;

G-M M"v * Q E?„+ F?¬M; iW +?®B M[- M m Gw Zm•M ç½ +QÆM; [mv i M?Q p"v i?L
 *¬ #|T F2K ` i v- +?¬M +?W HQ v ?Q v K°i H9+ K" F?¬M; +?`m #¬B H MX M? [m v
 Gw Zm•M KQK K¬B- b m ç! # "i ` p" B +?[X ó M? +ÎB €Q ` çB5ô
 M? +?ŠM; M;¬M M;¢B- pÁM; i v +ÎB +€B €Q i?mM ` - T?ÆB #`v +Æ i? b,M +?„+X
 M;¢B #¬B F2K H M +€M? i v M?- çQ i-K K„i ?QÈM; b M; +?¶ F?€+X *¬ +?Q # Q ;
 i?•M M?Q p"vX *| H-M M? K†+ €Q i?mM ¬K b€i +Æ i? - +¬ M?bM i?'v K" K†i çÄ ;
 +?ŠM; +| + M çªK ç M?bM M?X "•v ;Bì M? H¢B +ÎB €Q K°i +€+? iU M?B M M?Q i
 Gw Zm•M +U+ Fb #®B `®BX
 óa Q 2K #¬B K°i +?¶ K½B i? lô * Q E?„+ ç°i M?B M ?ÄB F?B M +¬ ;B"i Mªv +ª M;Q
 > B i v +¬ Hm®M; +m®M; +?" #W F?„T +Æ i? M?- K|M; i v p¬ ibM? + "Q tQÈ+ /
 çÄ / "B i` M HQM;X
 * Q E?„+ M?Qm K"v- [m v H¢B M?bM Gw Zm•M ç M; `®B `Qi tBM H¶BX M? M?bM
 M;¢B +O +¬- M? #¶M; M?"M ` K°i çB mX *¬ ;€B M"v M;•v i?Æ [m€- +?d KÈB M?b
 ç½ M;QÈM; M;?`m M?Q p"v `²BX
 óGw Zm•M5ô M? ;¼B +¬X
 *¬ M;QÈ+ H M M?bM M?- +® ç`M? i-K K„i p"Q ;QÆM; K†i M?- F?¬M; /€K HB + M
 óG¢B ç•v5ô M? M|B pÈB p K†i F?¬M; +ªK t9+X
 óo•M;lô *¬ M?Q+? p T?Q M? K°i +?9iX óæ H"K ;b ¢lô
 óæ M? ¬K5ô oW M|B M? pW pÁM; i v ¬K H'v +¬- FûQ +¬ €T b€i p"Q H²M; M;U+
 ó>ª 2K ô Gw Zm•M H„T #„T- ? B i v +m°M +?†i F?¬M; /€K +?¢K p"Q H" M / +O M
 +?9M; #^M; K°i # M K†i +O KbM?X
 "B i +¬ pšM +ÁM M;¬M M;¢B- * Q E?„+ F?¬M; ;QÈM; ûTX M? i?ª +¬ ` - ç`M? H'v €
 ""M i v +¬ ;B[€Q M?- ibK +€+? +ªM H¢BX óE2K +?Q i?'K ? i- M? F?Q M ?ŠM K
 GÌB M|B /®B pKM; p +O +¬ #` M? T?€i ?B M- HÈT F2K /QÐM; i` M / ç½ i?~K i?
 Km®M +?¢K p"Q M? K" +ÁM M;¢BX
 * Q E?„+ ¬K +¬ M^K tm®M; ;BQìM;X *¬ M^K i` M M;U+ M?- iWM; M;|M i v HQÈi M
 `i i?9 p`X *ÁM M? H¢B +?ŠM; i?'v p"v- M;Q" B +ªK ;B€+ i /¢B i?b +?d +ÁM +ªK ;
 M? #„i H'v #`M i v ç M; HQÈi i` M #KM; M?- ;B[M| M^K v MX óæWM; M?9+ M?Q+
 h?U+ ` Gw Zm•M `i Km®M i?Y H"K +?mv M 'v pÈB M?X *¬ Km®M iªB M;?B K +ª
 M;QìB KbM? v m i?b i? M"Q- M?QM; H¢B bÊ M? T?€i ?B M +¬ F?¬M; +ÁM M;mv
 i`QM; pÁM; i v M?X
 æ K M;`v i?S #ªv ?¼ p H¢B M?"X Gw Zm•M M;O i` M t2 M M F?B p M?" +¬ F?€ i c
 #m²M M;O F?¬M; KÍK„i M´BX M? i„K `Y bÆ [m `²B H M ;BQìM; M;O M; vX
 "m´B i®B +m®B +MM; ç # M +¢M? * Q E?„+X *¬ M;²B # M ;BQìM; M;„K M? b v
 K M; i'i +ª [mv i i•K p" MB K ?¢M? T?9+ K'v M;`v [m - ;QK H¢B #Ä p"Q K°i ;|+ iBK
 *¬ KÍM;„M FûQ iO ç-m ;BQìM;- M? M?"M; H¬B +m®M H#mKªM? +O * Q E?„+ `
 JQìB ? B ;Bì #®M KQÆB #ªv T?9i- Gw Zm•M ç†i H€ i?Q KbM? pW pB i H M +€B i
 M? K°i +€B i?"i b•mX
 JQìB ? B ;Bì M,K KQÆB ? B T?9i- +¬ #QÈ+ ` F?ÄB +,M M?" +?S ç-m FQ S+ ?¢M
 +O 2K5ô *¬ i?b i?-K- #QÈ+ M? M? p T?Q +?B +t2 ç M; çÈB # M çQìM;X

*-K i` M i v H€ i?S Gw Zm•M ç H¢B- * Q E?„+ M?Q +? i çB H-M M[X M? pMB Kt
K„i +?ªv [m F) i v M?- i`QÊitm®M; +€M? i v

ó M? * Q E?„+5

1K `i pmB p #ªv M;¨v [m - M?QM; ?¬K M v 2K T?ªB çB `²B5

G) ` 2K M M M¡B çB m M¨v M; v iW H-M ç-m iB M M? +?Q 2K p¨Q M?¨- +¡ H) 2K ç
M¡B ` çQÊ+X 1K tBM H¶BX

.M ç½ Km°M M?QM; 2K pšM Km®M +?Q M? #B i bU i?“iX

M? * Q E?„+X h?“i` 2K H¨i` K² +¬B- #®K 2K K'i H9+ 2K +ÁM `i M?Ä- F?B 2K
M;Q¡B ç¨M ¬M; i M Gw a•K M?“M Mm¬BX «M; i ç´B i M 2K i?“M? Gw Zm•M- F?¬M
i?m ;B bQ p /¢v ?¼+ +?Q 2KX 1K +S M;?o ¬M; i`lB i?“i i®i pÊB 2K- #B M 2K iW I
+¬ +¬M; +¬M ÀĐđĐ «i

dkX *?QÆM; 9y, æÆK >Q

>ÆM ? B M; "v F?¬M; i? HB M H¢+ çQÊ+ pÈB * Q E?„+- Gw >mv M p°B H€B t2 ç M
M? M"v +| M; QÌB v m HB M M; | HÆ +¬ 2K ; €B- +ÁM +?YB `O p" B +•mX

æ M F?B ; ä +Y K" F?¬M; B ` KÎ- +¬ #¶M; i?'v #'i MX

Gw >mv M F?¬M; +?ì çQÊ+ - +¬ M?ªv H M +?¶ K€B ?B M ibK +?b F?| * Q E?„+ i?
ibK i?'vX

*¬ p°B p" M; i` +?b p" Q ´ - KÎ +Y +?¢v p" Q i`QM; - ; ¼B i M +ª * Q E?„+ p" Gw Zm•M

æB F?„T T?ÁM; F?€+?- T?ÁM; # T pšM F?¬M; i?'v B- +¬ +?¢v p" Q T?ÁM; M; O ibK
H`+? bUX o" [mª i?"i i?'v M; QÌBX

* Q E?„+ M^K / "B i` M ; BQÌM; - F?¬M; i? K HB + K„i M?bM Gw >mv MX

Gw >mv M +| +?9i bÊ ?½B +€B #-m F?¬M; F?QªK ç¢K M"vX ó* Q E?„+ \ô

*¬ ; ¼B K°i ? B H-M K" M? F?¬M; W ?Y F?B M +¬ +¬M; HQ ?ÆMX *¬ M; ?o M? i?"
HB M [m M ç M Gw Zm•M- +¬ ; €B 'v H¢B F?¬M; i?'v i, K ?ÆB ç•m- H) M"Q H¢B #` #

"QÊ+ H¢B ; -M * Q E?„+- Gw >mv M T?€i ?B M K°i iì ; B'v `ÆB i` M K†i ç'i- +¬ M; ²
; B'v H M p" ç¼+X J„i +¬ /WM; H¢B Î +€B i M Gw a•KX *¬ H~K #~K +€B i M K'v H-M
Î p" B +?¶X

æ¼+ ? i #S+ i?Q- +¬ F?¬M; FB K M´B MQÊ+ K„i- Gw Zm•M i?"i ç€M; i?QÆM; - ç M
i? H¢B #` +?QM? M; QÌB çQÊ+ t2K H" M; QÌB i?•M +O KbM? +QÐM; #S+X

*¬ çSM; /"v- M„K +?†i H€i?Q i`QM; i v- M!B #^M; ; B¼M; [mv i i•KX ó1K M?'i ç`M?
M?5ô

* Q E?„+ pšM M^K v M- F?¬M; ç i•K M?[M; ; b Gw >mv M pW M!BX

h` M çQ¢M çQÌM; p M?"- Gw >mv M +® t•m +?m¶B H¢B M?[M; /[FB M +¬ +| çQÊ+
K°i çB m M[i?b b) ibK çQÊ+ Gw Zm•M M; vX

oW p ç M M?"- +¬ iS+ i®+ +?¢v M; v H M T?ÁM; H"K pB + +O # KbM?X *¬ çSM;
tm®M; #`MX

ó*?9 Gw a•K +| M?"M Mm¬B K°i çS +QM ç9M; F?¬M; \ô *¬ +?'i p'MX

«M; Gw M?bM Mûi K†i M; ?B K i`¼M; +O +QM ; €B- i`QM; HÁM; +?Êi i?'v +?°i /¢X

ó" i`ª HÌB +QM i`QÊ+ çB5ô

óV i?b ô «M; Gw M;"T M; WM; - ó +?9 'v +| M?"M Mm¬B K°i çS i` ô

óL| çQÊ+ ç†i i M H" Gw Zm•M ç9M; F?¬M; \ô Gw >mv M i?'T ; B¼M; ?ÄB- +® ; B[#b

ó" F?¬M; `ä M[5ô «M; Gw M?bM b M; +?¶ F?€+- p K†i K'i iU M?B MX

*¬ M? +? K¬B- ?W H¢M? K°i iB M; X óG" +QM ; €B ç9M; F?¬M; \ *?9 Gw a•K +® ibM
+?Q 2K 'v ç9M; F?¬M; \ô

óGw >mv M- +?mv M M"v # i?U+ bU F?¬M; #B i; b +ªX æ9M; H" +?9 'v +| M?"M M
+| i? i?¬B5ô : B¼M; M!B +O ¬M; Gw i`Î M M; 'T ; €T- ¬M; çSM; /"v F?ÄB ; ? - çB p
/B M pÈB +QM ; €BX

óªÁM M[5ô *¬ +m°M +?†i i v- ç`M? H¬B H€i?Q Gw Zm•M pB i` +?Q ¬M; Gw t2K-
iQ ; B[* Q E?„+ p" Gw Zm•M- +¬ F?¬M; i? +?Q # KbM? t2K çQÊ+X ó*?mv M ibK
Zm•M Î p, M T?ÁM; +ªM? b€i- +| T?ªB # F?¬M; +?Q ?¼ M!B F?¬M; \ô

«M; Gw "K W K'v ;B•v- F?¬M; #B i M M i`ª HìB i? M"Q- pb ¬M; F?¬M; Km®M +¬ +
#m²MX

ó*?9 Gw a•K ç½ H"K +?mv M ç²B #¢B pÈB Gw Zm•M +QM ;€B +?9 'vX *QM #û bÊ ?
M? * Q E?„+ ô *¬ M?bM # KbM? #^M; ç¬B K„i QÆM QÈiX óL m # F?¬M; ;B9T+QM
/b ;B9T- p" H9+ 'v +QM b) F?¬M; M|B +?mv M pÈB # M[ô

ó•v / "ªQ #®B +QM çWM; ;B" M- i?"i` # +?ŠM; #B i ;b +ª ô «M; Gw p°B /¶ /"M?
+| #ªQ ?¼ F?¬M; iB i H° i?¬M; iBM +O Gw Zm•M- M?QM; # i?U+ bU F?¬M; #B i i

ó"•v ;Bì #B i`²B- # +| ;B9T+QM #û F?¬M; \ô \*¬ F?Q M? ? B i v i`QÈ+ M;U+- iÄ p

ó*?mv M M"v ô«M; /Q /UX

ó" F?¬M; i?QÆM; +QM ô *€+? M?äM; M?)Q +O +¬ Hm¬M F?B M # +¬ K K HÁM;
Q M?B m M,K K" pšM Hm¬M ?B m [mªX

óæQÊ+ `²B çQÊ+ `²BX " b) M?ì +?9 +K+ i`QîM; ;BªB [mv i- çQÊ+ +?Q \ô

Gw >mv M H¢B pMM; p^M; - +¬ çÁB ¬M; TªB H"K M; v- F?¬M; +?ì çÊB i? K M[X
i`Á +?mv M [m çB M i?Q¢B ;B[ # KbM? p" +?9 +K+ i`QîM; - +¬ KÈB pmB p i`Î H¢

" +¬ M|B `^M; - #•v ;Bì F?¬M; i? çB #„i M; QìB HB M- pb +| F?ª M,M; +?9 Gw a•K b
çB +?¶ F?€+ ?Q†+ H"K i' M i?QÆM; ç M +QM #ûX L M TªB Qi M?'i # M;"v M[- F?
+´ ç¬M; - H9+ 'v Gw a•K +?„+ +?„M TªB `ìB F?ÄB M?"- iB M +?Q pB + +Sm Gw Zm

J†+ /M `i M¬M M|M; M?QM; Gw >mv M F?¬M; i? H"K ;b F?€+- +¬ `i Km®M #€Q M
+?„+ M? +ÁM +m®M; ?ÆM +ª +¬- +?d H" +¬ +?Q t€+ ç`M? çQÊ+ H¬M M"v +| çQ G

a m ;¬M KQìB b€m iB M; +?ì çÊB- +m®B +MM; Gw Zm•M +kM; M?"M çQÊ+ i?¬M; #
ç M M?" +?9 Gw a•K- ;BªB i?Q€i +?Q Gw Zm•MX

ó*QM ;¼B M? * Q E?„+ ç M çQÊ+ F?¬M; ¢\ô Gw >mv M M?äM; M?)QX

«M; Gw ;"i ç¬mX L; v H"TiS+- Gw >mv M ;¼B çB M +?Q * Q E?„+- b m p" B +m°+ ;
+kM; +?`m M; ?2 K€vX

M? M?"M +m°+ ;¼B #^M; ;B¼M; HQìB M?€+X óL|B çB5ô

óæ M M?" 2K M; v- +?9M; i çB ç|M Gw Zm•M5ô Gw >mv M ?² ?îBX

óæWM; çM - F?¬M; pmB ç•m5ô æ¬m K"v * Q E?„+ M?Qm H¢BX

ó1K F?¬M; çM 5ô :B¼M; Gw >mv M +?„+ M`+?X

* Q E?„+ M?,M M?| i? v [m¬M €Q- M? +?ŠM; ?B p¼M; ;b M?B m pb H¬M i`QÈ+ Gw
ibK Gw Zm•M- F i [mª +?ŠM; ibK çQÊ+ ;bX G¬M M"v M? çB ç +¬ 2K ;€B F?¬M; +^

*?B + t2 +?î ¬M; Gw- Gw >mv M p" * Q E?„+ çB i`QÈ+ t2 +ªM? b€iX s2`) p"Q K°i #

G9+ M"v * Q E?„+ pšM +?Q iBM Gw >mv M çQ KbM? çB ibK Gw Zm•M- M? +?d i
i?'v +¬ #^M; tQÆM; #^M; i?'i tm'i ?B M i`QÈ+ K†i M?X

«M; Gw /šM ç¬m çQ" M M; QìB- pW çB ç M +Y +?QM? i?b Gw a•K çSM; +?†M H¢B>

ó>B K F?B M? ;?û i?,K- +| +?mv M ;b F?¬M; \ô Gw a•K M?bM K'v pB M +ªM? b€i T

ó:B Q M; QìB çB- +m F?¬M; i?Q€i çQÊ+ ç•m5ô «M; Gw ;?û p"Q b€i i B Gw a•K- i?
i¬B F?¬M; i? # Q +?2 +?Q +m çQÊ+ M[X *?mv M ç²B #¢B +O +m Gw >mv M #E
v M5ô

J†i Gw a•K i€B çB- €M? K„i ?„M /B +?mv M b M; Gw >mv M- `²B HB + M?bM * Q E?
HìBX

ó*”m +ÁM F?¬M; ?B m ”5 *S +® +?’T M?Q p”v i?b +”m T?ªB p”Q iM ç’v5 æ +QM ;
 +?dM? +?’i ;B¼M; F?¬M; [m€ HÈM- M?QM; çO ç ç2 /¼ Gw a•KX
 óL¡B i? M”Q i?b 2K +kM; F?¬M; #Ä çQÊ+ ô Gw a•K +QÆM; [mv i F?¬M; +?’m ;B Q
 «M; Gw [m v H¢B M?bM Gw >mv M M?^K i`’M M +QM ;€B- b m ç¡ M; ?B M ` ,M; - M¡
 +QM #û +ÁM b®M; - +”m ç`M? i? M”Q\ô
 •M? K„i Gw a•K H”T iS + i®B b–K H¢B- ?„M M?È M; QÌB +QM ; €B ’v- M; QÌB ç½ +QÈ
 M? #B i\ô
 ó*?9 i?ª +QM #û ` - i¬B b) M¡B pÈB +?95ô «M; Gw ç†i i v H M p B Gw a•K- M?bM ?
 Gw a•K +„M +?†i ` ,M; - `²B KÎ KB M; M¡BX óh–M; ? B- T?ÁM; # M i v i`€B5ô
 «M; Gw M¡B H¢B pÈB Gw >mv MX Gw >mv M M?bM * Q E?„+ - #ªQ M? iU p”Q i`QM
 * Q E?„+ F?¬M; M; ?o çQÊ+ M?B m- M? çB M; M; [m M; QÌB Gw a•K ç p”Q i`QM;
 Gw >mv M- M? p”K°i pB M +ªM? b€i ibK çQÊ+ +, M T?ÁM; ’vX
 æ†i i v H M i v M„K +Y - * Q E?„+ i?Q€M; `MM; KbM?X L m Gw Zm•M i?U+ bU î i`
 F?¬M; M M H”K ;b- M? +?ŠM; `ä- p”HB m +¬ ; €B ’v +¡ #` +QÈT F?ÄB M? H–M M”
 *€M? +Y #` ç~v ` - M? p”pB M +ªM? b€i çB p”Q- M?bM i?’v K°i +€B #¡M; M?Ä M`
 * Q E?„+ ç”T `°M H MXóS?ªB +¬ ; €B M”v F?¬M; \ô *ªM? b€i ç°i M?B M ?ÄBX
 * Q E?„+ ;”i ç–mX
 óo”v +”m ;¼B +¬ ’v çB- i¬B tm®M; /QÈB çÊB5ô L¡B tQM; - pB M +ªM? b€i ’v çB ` M
 H¢B ;B9T M?X
 * Q E?„+ #QÈ+ iWM; #QÈ+ /`B +?”K +?¢T çB ç M # M +¢M? ;BQÌM; - çSM; i` M +
 K†i b v M; O +O Gw Zm•MX M? i?U+ bU ibK çQÊ+ +¬ `²B5
 M? M; ²B tm®M; ;BQÌM; - çQ M; ¡M i v +?¢K p”Q K†i +¬- p¬ p”M +ªK t9+ /•M; i`”Q
 MQÈ+ K„i `Èi` F?ÄB ?®+ K„i M? i`QM; p¬ i?S+ - `ÆB tm®M; # M +¢M? Gw Zm•M
 ””M i v M? €T ?ŠM H M K°i # M K†i Gw Zm•M- pm®i p2 +QM; +?B mX
 JB K„i Gw Zm•M ;B”i ;B”i- +¬ #’i M; Ì KÎ K„i- ç¬B K„i ç–v bU bÊ ?½BX
 Gw Zm•M ;¢i i v M? ` `²B i`®M p”Q i`QM; +?, M- #¶M; F?¡+ H¡+ i? i?ªKX óæWM; K
 *QM F?¬M; Km®M ç•m- çWM; +?¢K p”Q ¢B pB2°BX

d9X *?QÆM; 9R, L;QϕB h`mv M R, _ J„i :B æbM?X

RX G•K >B M @ >” JšM L?mX

G•K >B M çQ+? i?•M ç M ;†T #” >” Î T?ÁM; F?€K +O #”- b m F?B M? [mv i ç`M? - i? B +O >” JšM L?mX

E?B ;†T M?- #” >” +| ?ÆB #’i M;îX ”” #B i M? F?€H•m M?QM; M? +?Q # Q ;Bì ;†T #” M?Q i? M”vX

L;²B i`QM; T?ÁM; M;?d +O T?ÁM; F?€K- G•K >B M çB i?ŠM; p”Q p’M ç X M? M|E i? B `²B- KQM; #” çWM; i`€+? K„M; +¬X

”” >” H9+ ’v `’i ;B”MX ”” ?ÆB +’ ?O- K†+ /M H”K i`QM; M;? M”v- +?SM; FB M M?B F?B +QÈB- /šM ç M +?mv M T?€i? B- M?QM; #” F?¬M; KQM; +?mv M M”v tªv ç M

a m F?B #bM? i•K i`Î HϕB- #” M?”M` i`QM; +€B `OB +| +€B K v- Qi` i?b G•K >B M|B #” +?ŠM; i`€+? ;b M?- im’B i` #²M; #°i- #B i +?’T M?”M?”m [mª +O KbM? H

G•K >B M i?Î T?”Q- i`QÈ+ F?B çB M? +ÁM M?ì #” >”- çWM; K„M; >” JšM L?m- +/ KbM?X

”” >” F?¬M; M?[M; F?¬M; ;?ûi G•K >B M- K” +ÁM çQÊ+ /`T Mî K”v Mî K†i pÈB ç²M; >B M çB- B +kM; t9K p”Q ?ÄB M? H” B- F?2M ç€Q F?2M ç X G9+ ’v #” +ÁM p¶ M H” +QM` +O #”X

«M; #” >ϕ ç M ;†T #” L;¬ a M- K G•K >B MX > B ;B çbM? p®M i?•M i?B i pÈB M? n #”M +?mv M +QÈB tBM- #” L;¬ a M`’i MB K MîX >” JšM L?m H”K +QM /•m +O Kb KÆ QÈ+ #’v H•m i?”M? bU i?”i- i•K i`ϕM; p” +ª bS+ F?Ä2 +O #” i®i H M ?ŠM- +ÁM

L m i`QM; i’i +ª +€+ +†T ç¬B i?b +| H) G•K >B M p” >” JšM L?m H” +†T ç¬B M?”M iW ç-m- ?¼ +?ŠM; ;†T i`„+ i`Î ;b iW ;B çbM?- +?mv M ibM? v m K†+ /M`’i M;šm` ;„M F i HϕBX h`QM; ibM? v m- çB K tm’i T?€i F?¬M; [m M i`¼M; #^M; [m€ i`bM?X ibM? v m ;b pÈB >” JšM L?m- H•m /-M- Î # M +ϕM? +¬- ibM +ªK KÈB Mªv Mî- p” F M?•M ?ϕM? T?9+- +MM; M? m çB ç M çQ+? +m°+ çìBX X X

kX h`-M h`bM? @ >ϕ hmv i .mv MX

h`QM; +?QM? i`mv M +| +ªM? h`-M h`bM? tBM T?ûT ;B çbM? >ϕ hmv i .mv M çQ i`mv M b) F p H-M >ϕ hmv i .mv M ;†T K†i ;B çbM? h`-M h`bM?X

h`QÈ+ F?B çB ;†T K†i- >ϕ hmv i .mv M +U+ Fb +U+ Fb +,M; i?ŠM;X \*¬ ;€B H„K K² BK i?BM i?Qi M;²B F?ûT MûT # M +ϕM? +?”M; i` BX

h`-M h`bM? #ªQ +¬X ó1K çWM; +,M; i?ŠM; [m€- # M? F?¬M; F?| M?Q K 2K ç•m +?”Q K°i +•m H” çQÊ+ `²B5ô

óL?QM; 2K pšM bÊX X Xô >ϕ hmv i .mv M`Ki` - +m°M +?†i #”M i v i?”M? M„KX

h`-M h`bM? #”i +QìBX óh? +¬ ;€B ç M? ç€? v ?ìM /¶B i?QìM; M;”v ç•mX >| ` +k

*¬ i`WM; K„i- ;B¼M; ;B”M /¶BX óh? i?¬B 2K F?¬M; +QÈB M[5ô

J†i K”v h`-M h`bM? b b-K tm®M; - M? ;B[+?†i 2Q +¬- +S i? FûQ i?ŠM; p”Q M?” +?m~M #`X

*ª #m’B i`Á +?mv M pÈB ¬M; h`-M- >ϕ hmv i .mv M F?¬M; çQÊ+ iU M?B M- +S i? h`-M h`bM?X J’v H-M M? HB +b M; - M?bM #B m +ªK t’m ?’ +O +¬- M? +ªK i?’v M?Q p”v i?U+ bU`’i / i?QÆM;X

*?mv M b m ç| - pb [m€ t’m ?’- HϕB i? K +?mv M #` h`-M h`bM? i` m- i? H” +¬ #Ä p”B ?¬K +?Q +?W +€B i°B ;? Q +¬X

jX h`-M h¬M; @ L;mv M •MX

L;mv M •M ;†T ¬M; h`-M i`QM; # M? pB M F?B h`-M h¬M; t<sup>a</sup>v ` i B M¢MX «M; h`-
i` B ¬M; KÎKB M; - i?b L;mv M •M b) H` çS +QM /•m imv i pÌB M?'i +O ¬M;X *¬ F
+QM i` B ¬M; - K` +ÁM H` çS +QM ;€B i®iX *O +^aB p"i +?'i F?¬M; ? K- H¢B +ÁM
KbM? ç +?,K b!+ +QM i` B ¬M;X «M; h`-M i?U+ bU `i #B i ÆM L;mv M •MX L M I
F i ?¬M pÈB L;mv M •M- ¬M; +?ŠM; H'v H`K H¢- +ÁM i?"i i•K +?9+ T?9+ +?Q ? B M

o T?Q M?" ?¼ L;mv MX L;mv M æ¢B o„ F?€ F?| +?`m F?B L;mv M •M çQ h`-M h¬
h?'v h`-M h¬M; H`+? bU- H¢B +| bU M;?B T´M ç`M?- ¬M; #` L;mv M çQÆM; M?B
*?d +| L;mv M æ¢B o„ H` F?¬M; pmB p çB m M`vX

h®B ç| h`-M h¬M; Î H¢B M?" ?¼ L;mv M- p` L;mv M æ¢B o„ ç½ M!B +?mv M M;?B K
óh¬B F?¬M; +?Q T?ûT +`m +QÈB 2K ;€B i¬B5ô L;mv M æ¢B o„ H'v [mv M +O K°i M
óh¬B F?¬M; +-M bU +?Q T?ûT +O +`mX \*¬ +?9 ç½ ç²M; w `²B5ô h`-M h¬M; p†M H
ó> v +`m Km®M #` ç€M? +?Q K°i i`"M M[\ô

óG9+ 'v i¬B M?QÌM; +`m i?¬BX "•v ;BÌ +| çQÊ+ bU +?'T i?m"M +O +- +?9 `²B- `²B
*m°+ ç¬B +Q pšM iB T /B M- p` i`QM; HÁM; ? B M;QÌB +kM; i?¬K i? i?S +?Q M? r
>¬K 'v ? B +?"M; i` B M!B +?mv M `ä H•m- H9+ L;mv M •M ;B"i KbM? i?S+ ;B'+- +Á

deX *?QÆM; 9k, L;QϕB h`mv M k, oB + L?"X

RX G•K >B M @ >" JšM L?mX

ob +^a ? B ç m çB H"K M M pB + M?" +| +¬ ;B9T pB + HQ iQ M ? i- +?d ?B K F?B > M'm ,MX

J +¬ iWM; [mî- +QM ;€B K" F?¬M; #B i +?,K b|+ +?²M; +QM- F?¬M; [m^aM # T M9 +?mv M K°i çS +QM +O #ϕM #" - /Q F?¬M; #B i H"K pB + M?" K" +?²M; +?€M- çÁB >" JšM L?m M;?2 p"v +kM; ?ÆB ?Q M; K M;X *¬ [mv i ç`M? iW M v T?^aB H"K pB + +QMX

hW M;"v >" JšM L?m #„i ç-m +¬M; +m°+ i`îi?"M? M;QìB K ?B M M;QìB pÊ ç^aK- G• H" M;QìB +?"m i?B i M?'iX

a€M; bÊK +¬ ç½ HK+ çK+ i`QM; # T F?B M G•K >B M F?¬M; M;O MQÈM; çQÊ+X G• K|M /Q +?QM? i v K KbM? M'm- p" p` +O M|i?b i?"i FBM? F?OM;X

*QM #û +?d KÈB #®M im´B K" ç½ #B i M?"M tûi iBM? iQìM;X óJ|M M"v F?QQ; M;Q # T M[5ô

L;?2 +QM ;€B +? # B- >" JšM L?m iOB i?•M ;? ;ÈKX óJ +?d Km®M +QM i?QîM; i?¬B K"5 "ϕM # +O +QM B +kM; çQÊ+ ,M K|M K ?¼ M'm- +QM F?¬M; ;?2M i`"ô

G•K hQ JšM H„+ ç-mX óE?¬M; ϕ5 "ϕM # +O +QM B +kM; ,M ç² +¬ ;B9T pB + H"K *¬ +? m K"v- M?bM +¬ +QM ;€B #û M?Ä i?"i i?" +O KbM?X

a m F?B çQ +QM ;€B ç M i`QìM; Kšm ;B€Q- G•K >B M [m v p M?"X M? i?'v pÊ b€M;- ç M #•v ;Bì pšM +?Q M;ÆB i vX M? ?ÆB t|i- Km®M T?K K°i i v K" +¬ F?¬M

M? çSM; /U # M +ϕM? +€B K€v ;B†i- ?ÄB +¬X óJ'v ?¬K M v 2K b Q i? \ *S Km®M

d3X *?QÆM; 9j, L;QϕB h`mv M j, E?B *?9M; h a vX

RX G•K >B M @ > JšM L?mX

G•K >B M çB iB + t½ ;B Q `i M?B m M?QM; > JšM L?m +?Q i?`v M? b v # Q ;Bì J°i H-M ?B K ?QB M? b v K K- ç| H` M;`v M? M|B HìB +?B i v pÈB > JšM L?m M?B m- çQÊ+ i`Ê Hw h`QÆM; EB i çQ p X E?B ? B M;QìB ç`M ¬M; /bm M? m çB p| #~K Q€M i`€+?X L;QìB t Hϕ iQîM; `^M; M? ç M; i`€+? h`QÆM; EB i- i? H` ?¼ + M? i H` F T?K #ϕ+X

L m b T G•K K` #B i KQB M;QìB M;?o M?Q p`v- HB m M? i +| çm`B pB + KbM? ç i h`QÆM; EB i ç½ M;?o M?Q i? i`QM; K°i T?9i v m HÁM;X

*ÁM > JšM L?m- +¬ +?Q # Q ;Bì m®M; `QÊm K'i FB K bQ€i ç `ÆB p`Q ?Q`M +ªm m®M; pÈB ç²M; M;?B T- +¬ m®M; çQÊ+ ? B Hv- M m #` ûTi? Ki?b F m G•K >B M i?Q€i MϕMX

_²B iW F?B +| G•K hQ JšM- +ª ? B Qi F?B çKM; iÈB +?`i +| +²MX L M ibM? ?m®M; K½B K½B H` K°i ~M b®X

kX h`-M h`bM? @ >ϕ hmv i .mv MX

*kM; +?QM? M?ì H-M >ϕ hmv i .mv M b v `QÊm K` ? B M;QìB ?¼ KÈB +| +Æ ?°B ? E?B b v +¬ ç½ ;¼B i M h`-M h`bM? `i i? i?ªK- M;QìB M;Q`B M;?2 +ÁM iQîM; +¬ E?¬M; M?[M; i? - +¬ +ÁM F?|+ H|+ d ¬B- H-M M`Q +kM; M?Q H-M M`Q- pmB ? v M?Q p`vX

L;QÊ+ HϕB pÈB >ϕ hmv i .mv MX E?B b v- h`-M h`bM? HϕB +QìB `i M?B m- F?¬M +?Q +ÁM i` m ;? Q +QM i` B M?`M;QìB i M[X æ†+ #B i H` i`Ê Hw MX

*¬M; pB + i`Ê Hw p®M +?ŠM; / /`M; ;b- HϕB i? K +?mv M +| M;QìB b T HϕM? HM ç½ M?B m H-M Km®M #Ä pB +X

a€M; ?¬K ç|- i`Ê Hw M çQ h`-M h`bM? ç M +¬M; ivX \*`m i +S çSM; ;B[F?QªM; + M?Q i?QîM; M;`vX

h`-M h`bM? M?bM +`m i ç-m F?| ?B mX ó*| +?mv M ;b\ô

h`Ê Hw M M;Æ M;€+- F?¬M; /€K M?bM i?ŠM; p`Q K„i b TX óE?X X X F?¬M; +| +?

M? M?,M K†i- Kî KB M; M|B K`v +?[X óæSM; b€i p`Q- F?¬M; +-M ;B[F?QªM; +€+ G9+ `v +| K`v ç²M; M;?B T i`QM; +-M; iv çSM; +?ì i? M; K€v # M +ϕM?- M;?2 ;B€ p`v- H`T iS+ M?bM i`Ê Hw M #^M; €M? K„i F?BM? i?QîM;X *?d +-M HB + K„i ç½ æ€K ç¬M; tb t`QX

*`m çSM; F # M b T- i?b i?-KX óa T- M? çWM; M|B K`v HìB / ;•v ?B m H-K M?Q

h`-M h`bM? F?¬M; i? K HB + M?bM i`Ê Hw M- i?ŠM; M;QìB #QÈ+ p`Q i? M; K€vX

oB + i`Ê Hw M ;B[ F?QªM; +€+? pÈB h`-M h`bM?- F?¬M; TªB pb +`m i i?U+ bU ?¬K [m - h`-M h`bM? m®M; b v- +ÁM #`v i`Á pÈB +`mX

L?È HϕB ç K ?¬K i`QÈ+- i`Ê Hw M p'i pª çQ h`-M h`bM? iW t2 H M M?`- [m€ i`bM ?|+X *?Q F ç M +?mv M M? HB M iK+ +QìB M|B v m [mw +`mX h`Ê Hw M +?Q `HÁM; - `²B M;šK M;?o HϕB K`v +•m +?mv M +~m ?mv i +?®M p,M T?ÁM; - +`m +?Êi `X

*ª ?`M? H M; M;QìB [m F HϕB- h`-M h`bM? HϕB Hm¬M K²K HªK M?ªK v m [mw i?C Hw M #` M;QìB [m çQîM; M?bM M?Q K°i F #`i HQÆM;X

hW ç| p b m- +`m i i`€M? iB T t9+ pÈB h`-M h`bM? ç ;BÈB iQM? +O +`m F?¬M;

jX h`-M h-M; @ L;mv M •MX

L;mv M •M F?B b v `i M;Q M- M^K M;O K K i M?Q K°i+QM K Q M?ÄX J†+ F K¼B
pšM M^K BK M;OX *?d +| K¶B i°B H`MY ç K ;B"i KbM? /"v- #„i M? p¶p +¬- i?"K
i i i|+ +?Q +¬X

*ÁM h`-M h-M; F?B b v i?b +U+ Fb #B M i?€BX M? i?QìM; ?¬M +¬ iW ç-m ç M +?
F?€+X X X

9X h`-M h`¢+? @ "¢+? J°M; E€X

"¢+? J°M; E€ F?¬M; i?QìM; tmv M m®M; `QÊm M M iYm HQÊM; +O +¬ F?€ FûK- m
J'v H-M ? K pmB- h`-M h`¢+? T?ªB p€+ +¬ p X

o` H-M M`Q +kM; M?Q H-M M`Q- K¶B H-M b v +¬ iQ`M M|B M?ªKX LY ç K idM? /
,MX *?Q F b€M; ?¬K b m +ÁM iU p¶K†i- i? M b Q ?¬K M v #ûQ i? 5

S?-M h`-M h`¢+?- M? i?QìM; tmv M çB m®M; `QÊm pÈB ç®B i€+- +°M; i? K #ªM
K¼B i?S i`QM; i-K FB K bQ€iX *?d /mv M?'i K°i H-M "¢+? J°M; E€ +?SM; FB M M
H +O ?¼X

"¢M # - ç®B i€+- #" +QM H€M; ;B M; K¶B M;QìB KìB K°i Hv- M;"v pmB F?¬M; i? i

>¬K 'v b m F?B #[iB +i`M- h`-M h`¢+? +ÁM #` K'v M;QìB #¢M ûT m®M; i? K K°i
p ? i- M? ?Q`M iQ`M b vX o`Q M?`- ;†T B M? +kM; M|B v m ?¼- #'i F ;BÈB iQM

S?ªB +-M # +?`M; i` B KÈB +| i? çQ h`-M h`¢+? p M?` çQÊ+- K v K` iQ`M M;Qì
i?b +?ŠM; #B i ç K†i KkB ç•mX

óh`-M h`¢+?- M? +| M?È H9+ b v M? H`K ;b F?¬M;\ô "¢+? J°M; E€ ;? QX

M? F?¬M; #"M i•K- pšM +?9 i•K p`Q il #€Q i` M i vX

*¬ M;²B tm®M; +¢M? M?- FûQ il #€Q `X óæ 2K M?„+ +?Q M? M?È M?û5ô

óL?È ;b\ô M? M?,M K†i- ?„M; ;B¼M;X óL?È H9+ 2K b v 2K F?|+ H|+ ;?2M i` pÈB
;Bª ;B¼M; #„i +?QÊ+ ;B¼M; +¬X

"¢+? J°M; E€ #` i` m M;QÊ+ H¢B- iS+ ç M çÄ +ª K†iX ó M?X X X M? çWM; +QìB
F?|+ i`QÊ+ K†i M?- +ÁM M? i?b M?ªv +?Q +ª M?` t2KX B K'i K†i ?ÆM\ô

J„i M? /WM; H¢B i` M +€M? K¬B +¬- H9+ M`v +¬ KÈB T?€i ?B M KbM? ç M; #†K
?"M? ?¢ +€M? K¬B KbM? M?Q p"vX

ó1K Km®M çB /m H`+? `²B ``\ô h`-M h`¢+? M|BX L m M;QìB M;Q`B M;?2 çQÊ+- +?„
KU+- M?QM; +¬ H¢B bÊ ?½B F?B M;?2 +•m M|B ç|- ?`K w b•m t p` F?¬M; K'v i®i H

8X S?MM; >ªB *?QM? @ oä *?B m .QÆM;X

oä *?B m .QÆM; F?¬M; #B i i?U+ ?Q i? M`Q- +¬ +?d M;?2 h?€B Zm®+ "ªQ F H¢B
H i`QìM; i?"M?- S?MM; >ªB \*?QM? ?¼+ çÁB m®M; `QÊm M?Q M;QìB HÈMX E i [n
E?¬M; M?[M; i? - M? +ÁM HÈM iB M; +?YB M;QìB i - bmwi +?9i M[H` #` ç€M?X

ó*S iQìM; H9+ 'v +?Q m®M; [m2M M M KÈB M¬M M?Q p"v- F?¬M; M;ì H` b m M`v
M¬M p` K„M; M;QìBX X Xô h?€B Zm®+ "ªQ pW +QìB pW F X

óh¬B F?¬M; iBM- M? 'v F?¬M; T?ªB /¢M; i?Q+? +?YB M;QìBX X Xô oä *?B m .QÆ
t'm +?²M; KbM?X

o`B ?¬K b m h?€B Zm®+ "ªQ ? M oä \*?B m .QÆM; ç M K°i T?ÁM; # Q- +`m i ç½ i?-
>ªB *?QM?X

ob H` +m°+ ?°B iK +O +€M? ç`M ¬M;- S?MM; >ªB *?QM? F?¬M; Km®M oä *?B m .Q
F?¬M; H`M? K¢M? M`vX L?QM; +¬ K°i KU+ M,M Md- M? ç`M? çQ çB +MM;X

Zm^a ç9M; M?Q HìB h?€B Zm®+ "ªQ- F?B b v S?MM; >ªB *?QM? M¬M HB M iK+X
p"Q T?ÁM; p bBM?X " H-M M?Q i? - M? #U+ #ºB #„i ç-m +?YB M; QìB- +?ŠM; +
M? +?d i v p"Q Kti iWM; M; QìB- K„M; KÄ M?[M i"i t'm +O ?¼X æ M F?B M; |M i
*?B m .QÆM;- M? H¢B +QìB ?¬ ?®X óL"v H" pÊ M?- +?ŠM; +| ;b +? +ªX X Xô
M? ;K+ Kti tm®M; #""M M; €v F?ÁX
J v K" M? +ÁM M?"M` +¬- H9+ b v M? K" M?Q i? H" çQÊ+ `²B- ;Bª bY M? +| +?Y
i`WM; T?¢i M?- +?Q M? ,M +? v +ª i?€M;- ?Q†+ ;B"M /¶B F?¬M; M|B +?mv M p"EB
eX * Q E?„+ @ Gw Zm•MX
* Q E?„+ # Q #¼+ Gw Zm•M`i Fo- F?¬M; # Q ;Bì ç +¬ `ÆB p"Q ibM? i`¢M; K'i FB
æ K i?"M? ?¬M- M? çÐ `QÊm i? v +¬- +m®B +MM; M? #` b vX E?B 'v M? +S M„K
çm'B çB ? i- M; v +ª ¬M; #"" * Q +kM; F?¬M; çQÊ+ H¢B ;¬MX
óæB b M; +?¶ F?€+- çWM; çSM; ;¬M pÊ i¬B5ô M? ;"Q H M pÈB ç€K ç¬M;X
J½B b m M"v M?È H¢B- Gw Zm•M pšM +?2 KB M; +QìB F?9+ F?Q+?X

dNX *?QÆM; 99, L;Q¢B h`mv M 9

*?mv M 'vX

G-M ç-m iB M +O G•K >B M H" M,K KQìB #ªv im'B- pÈB Kºi +¬ ;€B M; QìB aBM; -
i? K /U Kºi #m'B iB + +m®B M,K i' +?9+ i¢B M?" Kºi M; QìB #¢MX h`QM; H9+ + Q
i`QìM;- G•K >B M ç½ ;¢ ;šK +QM ;€B M?" M; QìB i H M ;BQìM; pÈB M?X
æ| H" i?'i #¢B ç-m iB M p Kti iQM? /K+ +O M?X G-M ç| F?€M? M?- M? +?Q F
ç½ i`¬B [m`i M? M?X
*ÁM H-M ç-m +O >" JšM L?m H" pÈB G•K >B MX *¬ +kM; +?ŠM; +ªK M?"M ;b M?
+S H,M HºM i` M ;BQìM;- +¬ M; ?2 i?2Q bU /šM /„i +O G•K >B M- +| H) pb H9+ 'v +
;B•v T?9i ç| M M +?Q i?U+ bU ;„M F i pÈB M?X a m M"v KÈB +| +ªK i?K pÈB t9+

G-M ç-m >¢ hmv i .mv M +kM; i` Q +?Q h`-M h`bM?X *ªK M?"M +O +¬ H" K¢M? H
M?"M`ä`"M; +Æ i? ? B M; QìB ?Á p"Q M? m-`i KÈB H¢- i /¢B +ª i•K i`QX

h`-M h`bM? H¢B F?€+- H-M ç-m +O M? H" pÈB #""M i v T?ªBX M? +S iQîM; K¼B
iB M pÈB #""M i v +O KbM?\ >| ` F?¬M; T?ªB "\

L?„+ ç M +?mv M M"v- L;mv M •M pšM iS+ ;B"M pÈB h`-M h¬M;X M? +QÈT çB H-
F?BM? KB i +¬- M?QM; +¬ +?ŠM; # Q ;Bì M?„+ H¢B M?[M; +?mv M +k pÈB M?X G
+ªK M?"M çQÊ+ +?9i pmB p M"QX

h`-M h¬M; +kM; i? - M? F?€+ ,M; i?ŠM; i`QM; H-M ç-m pÈB * Q h? M? L?½X *?
M; •v M; ¬- F?¬M; +| M?B m +?B m i`Á p"KQm K¬ M?Q #•v

M? F?¬M; i`ª HÌB- M^K [m v HQM; H¢B T?Q +¬X
 *¬ çQ i v ûT M? [m v H¢B M?bM KbM?X ó M? ;B" M ç'v ``\ô
 óVXô G-M M"v M? +?`m i`ª HÌB- M?QM; +•m i`ª HÌB +U+ Fb M;„M ;¼MX
 óa Q H¢B ;B" M- ç M; + Q i`"Q K"5ô
 h`-M h`¢+? çªQ K„i K°i pÁM;- ;B¼M; ;B" M ?ÌMX ó1K +| i? ?ÊT i€+ K°i +?9i F?¬M
 +?O ç°M;5ô
 "¢+? J°M; E€ +QìB T?b- +¬ ç†i K¬B KbM? H M K¬B M?- M|BX ó1K b) T?®B ?ÊT-
 M v 2K M;?o M? i?Q+? +?O ç°M;Xô
 oW /Si HÌB- +¬ ç½ H2Q H M M;QìB M?- +QìB M? K ?B KX *ÁM #B m +ªK +O h`-
 i? M i?MM;X X X
 8X
 h?ÌB +ÁM çB ?¼+- oä *?B m .QÆM; ``i ? v pB i M?"i FQX *| K°i F?QªM; i?ÌB ;B M
 bU +O KbM? p S?MM; >ªB *?QM? p"Q +m®M b´X
 h?ÌB ;B M ç-m b®M; +?mM;- F?B S?MM; >ªB *?QM? ;B9T oä *?B m .QÆM; /¼M ç²
 ` +m®M b´ M?"i FQ tBM? t„M +O +¬X
 G9+ 'v +¬ ç M; HQ v ?Q v pÈB ç®M; [m-M €Q- KB i K" B b„T t T +?9M; p"Q M; ,M iC

3kX *?QÆM; 98, L;QϕB h`mv M 8, o`B *•m *?mv M L?ÄX

RX

>ϕ hmv i .mv M +| ?ŠM K°i iO b€+? M;¬M ibM?- b€+? +O +¬ +?B K F?€ M?B m /
h`-M h`bM?X *¬ i?"K +?Q +ÁM H'v ϕB K'v +m®M b€+? +O M? p`i? v #^M; K'v +m
L?bM iO b€+? iQ`M H` K'v +m®M iB m i?mv i ibM? v m QÈi €i- h`-M h`bM? M;"K ϕ
h`QÈ+ F?B ϕB M;O- M? H'v #W K°i +m®M iB m i?mv i +O +¬- ϕ¼+ p`B +?QÆM;
M?B m- ϕ½ ;"T b€+?- [m v b M; ?ÄB >ϕ hmv i .mv M M^K # M +ϕM? ϕ M; M;?`+? ϕB
ó>ϕ hmv i .mv M- 2K /MM; +^aim´B i? M? tm•M +?d ϕ ϕ¼+ K'v i?S pB M p¬M; M`v`
>ϕ hmv i .mv M F?`i KkBX óE?¬M;X X Xô

M? +?ì ϕÊB +•m M|B iB T i?2Q +O +¬X

*¬ i„i ϕB M i?QϕB- #Ä M|` t -`²B +?²K b M; M;QìB M?X óX X X 2K +ÁM /MM; +^a i
X Xô

æ€v HÁM; M? ?ÆB M?|B K°i +?9i tQm- M?QM; +^aK ;B€+ i`¼M p M HϕB +?B K T?¬
M? pW ϕQ i v M;„i KkB +¬X

ó1K M|B /®B M? H`K ;b\ô \*¬ #om K¬B- pì ;B`M /¶BX

óæ M? F?ÄB pSi ϕ®M; b€+? pÈ p~M +O 2K ϕB5ô h`-M h`bM? ϕ +m®M b€+? H M

>ϕ hmv i .mv M #` #„i i?|T- +¬ +QìB tÁ - M^K ϕ H M M;QìB M?- M;|M i v p) K'v p
M;U+ M?X ó M? HϕB M;?o t'm +?Q 2KX X Xô

óo"v i?b 2K M M H`K ;b ϕ M? bmv M;?o F?¬M; pSi K'v +m®M iB m i?mv i +O 2K\
ϕB m ;b ? v ?Q iW +?9M;\ô h`-M h`bM? M?bM +¬ ϕ-v KQM; ϕÊBX

>ϕ hmv i .mv M +QìB i? M i?MM;- +?O ϕ°M; ϕB i„i ϕB MX X X

kX

G•K hQ JšM +`M; HÈM- iQM? ibM? +`M; ;B®M; G•K >B M- ϕ†+ #B i H` +€+? ,M M|B
hW H9+ #®M im´B- +QM #û +?d i?Q+? +?ÆB i`Á +?ÆB i`Q im - F?¬M; +| ?SM; i?9
+O +QM ;€BX >` JšM L?m +ÁM HQ +QM ;€B b) i?m°+ ;BÈB iQM? i?S # - i?b +QM
HÈM`²B- K ϕWM; Km K'v i?S ϕ² +QM MQi M?Q p"v +?Q +QMX *QM +?d i?Q+? K'
*QM #û ϕQ +?d p`Q #° K¬ ?bM? H„T`€T M?" +Y X

" M ϕ-m >` JšM L?m +| +?9i #m²M T?B M- M?QM; +`M; p b m- +¬ +`M; #m²M T?B
;€B b) +| +?9i ;b ϕ| ϕB m ϕ` ;B®M; +¬- H9+ 'v ? B K +QM b) /B M ϕ² ϕ¬B- +¬ +ÁM
iB id +?mv M ϕ€M; v m F?€+X X X o"v K` #•v ;Bì i?b F?€+`²B- G•K hQ JšM +?ŠM
+m°+ H`K ϕ T- ϕQ ;b +QM #û b) M†+ M'vX *QM #û +ÁM +?ŠM; i? K i? M i?Î- ϕ K†
;b i?b H`KX

*`M; HÈM- +QM #û +`M; Qi M|B +?mv M pÈB +¬- +| +?,M; +kM; +?d M|B p`B +?mv
+QM #û HϕB F?€ i?•M i?B i pÈB G•K >B MX

>` JšM L?m ;?2M i` pÈB +?²M;- i®B ?¬K 'v- +¬ M^K i` M ;BQìM; iÄ p ;B`M /¶BX L?
? M +O G•K >B M- +¬ +`M; +`M`Ð ?ÆMX

ó M? ϕ M; ϕ`M? +QÈT +QM ;€B F?ÄB i v 2K`\ô

G•K >B M +QìB HÈMX ó*QM ;€B +O +?9M; i - M? +QÈT H` +QÈT i? M`Q\ô

ó*QM #û +`M; H9+ +`M; i?•M pÈB M? ?ÆM- iQ`M i`Á +?mv M pÈB M? K` #Ä K†+
K°i +€BX

LK + QÌB + O G•K > B M i`Î M M ; BÁM ; B½- M? + QÌB K'i p" B ; B•v- `²B pÁM ; i v ¬K
*QM #û ?ÄB M? p" B p'M ç K" M [m M i•KX L K m®M ?ÄB 2K- M?QM ; bÊ 2K F?¬M
pÈB M Xô

>" JšM L?m ?ÆB ; B"i KbM?- +¬ F?¬M ; M ; Ì + QM ; €B KbM? H¢B bmv M ; ?o b•m b„+
M?B M i?Á i v p" Q €Q M?- + QÌB ; B M tªQX óh? i?b bBM? i? K K°i çS M [- 2K F?
p T?2 2KX X Xô

E? ; 2 K¬B G•K > B M ; B"i ; B"i- M? F?¬M ; #B i M M pmB ? v #m²MX X X
jX

J°i KM ? /B M ` ; BªB ç'm qQ`H/ *mT- h`¬M h¬M ; M ; "v M"Q +kM ; t2KX L ; mv M •M
pÈB ç€ # M ; - M?QM ; M? +S Km®M +¬ M ; ²B +¢M? t2K +MM ; X

L? [M ; i`"M ç'm [m M i`¼M ; H¢B ç9M ; p"Q K9B ; BÌ b€M ; bÊK- L ; mv M •M +® +?®M
h¬M ; X M? i?"K +?Q +ÁM M ; ?d H"K p" B ?¬K ç i?S + t2K i`"M ç'm + Ì +¬m i?O M?i

L ; mv M •M F?¬M ; i? M T?B M- +¬ +ÁM M?B i ibM? H"K ç² , M pti +?Q M?- +?m~M

>¬K ç Ì H" i`"M #€M F i- L ; mv M •M F?¬M ; i? KÎK„i i? K çQÊ+ M [- +¬ M ;ª ç¬m p"Q
K„i M?„K HBK /BKX

E i i?9+ ?B T K°i- h`¬M h¬M ; [m v b M ; i?b i?'v L ; mv M •M ; K+ ç¬m M ; O- M? HB
M?Ä H¢B- +ÁM p"Q T?ÁM ; H'v +€B +? , M M?Ä ç„T +?Q +¬ ç +¬ M^K i` M çMB KbM

*¬ M ; O `i M ; Q M- +?ŠM ; M Ì B KÈ ? v ç€ +?•M HmM ; imM ; X

h`¬M h`bM? pšM i" T i`mM ; i?2Q /äB i`"M ç'm- Î T?9i i?S K°i i` , K KQÌB +?QM- +¬m
ç€ p"Q H"K `mM ; HQÈB ç°B ç®B T?QÆM ; - K M ; p +?B + pû iB M p"Q +?mM ; F i +
+šM ; H M pmB bQÈM ; K" [m M K'i L ; mv M •M ç M ; ;®B ç¬m i` M +?•M KbM?X

*¬ #` `Èi tm®M ; ç'i K°i +€+? #'i M ; Ì- +ÁM iQÎM ; `^M ; KbM? H , M tm®M ; - +?S F?¬M ;
ç½ p¬ i bM? ç~v +¬ tm®M ; X

G9+ M"v h`¬M h¬M ; KÈB M?"M ` KbM? pW FQ+? ç°M ; [m € KS+ - ç~v M ; ½ +ª +¬ p
KB M ; pšM +?Q F?ûT H¢B çQÊ+X

L ; mv M •M pšM M ; Æ M ; €+ b m +9 M ; ½- F?¬M ; + Ì w ç`M? i`€+? K Ì+ BX

h`¬M h¬M ; i„i iB pB- M? ?¬M L ; mv M •M K'v +€B HB M iK+ - KB M ; pšM M ; Q€+ ` X

*¬ KÆ K" M ; ; "i ç¬m- /U p"Q p B M? MkM ; M`mX

* Ì +?B + ; BQÌM ; KÈB #B i ç K 'v ?¼ + Ì M ; O ? v F?¬M ; X X X

9X

L ; QÌB ç" M ¬M ; Hm¬M + Ì K°i p" B F?QªM? F?„+ v m çm®BX

"¢+? J°M ; E€ +?Q # Q ; BÌ i?'v h`¬M h`¢+? F? Ì + ? v + Ì /€M ; p v m çm®B # Q ; BÌ-
+O M? i?b +¬ i?'v F?€ i?QÌM ; tmv M- p" H¬M M"Q +¬ +kM ; T?ªB çB M , M Md H"K I

M? çQ +¬ çB /U iB +- +¬ m®M ; `QÊm t½ ; B Q pÈB M ; QÌB i - i? H" p M?" M? iÄ
T?ªB tm®M ; MQÊ+ /¶ /"M? M?X

J'v M ; "v i`QÊ+ +?m Fb- +¬ `i #U+ #°B i`QM ; M ; QÌB- F?¬M ; Km®M #` +?¢K p"QX o
+?m~M #` p" B i?S H½M ; K¢M +?Q +¬- M?QM ; +¬ +?ŠM ; + Ì i•K i`¢M ; ç Ì M M?"M- #B
h`¬M h`¢+? ; B"MX

o" M?B m H¬M ; B" M /¶ B +?mv M M?Ä M?ti F?€+X

L?Q ?¬K [m - h`¬M h`¢+? ; B" M pb "¢+? J°M ; E€ F?¬M ; +?`m T?®B ?ÊT pÈB M?X *
iB T iK+X

óh`¬M h`¢+?- M? H¢B ; B" M M [` \ô

M? F?¬M; i`ª HÌB- M^K [m v HQM; H¢B T?Q +¬X
*¬ çQ i v ûT M? [m v H¢B M?bM KbM?X ó M? ;B" M ç'v ``\ô
óVXô G-M M"v M? +?`m i`ª HÌB- M?QM; +•m i`ª HÌB +U+ Fb M;„M ;¼MX
óa Q H¢B ;B" M- ç M; + Q i`"Q K"5ô
h`-M h`¢+? çªQ K„i K°i pÁM; - ;B¼M; ;B" M ?ÌMX ó1K +| i? ?ÊT i€+ K°i +?9i F?¬M
+?O ç°M;5ô
"¢+? J°M; E€ +QÌB T?b- +¬ ç†i K¬B KbM? H M K¬B M?- M|BX ó1K b) T?®B ?ÊT-
M v 2K M;?o M? i?Q+? +?O ç°M;Xô
oW /Si HÌB- +¬ ç½ H2Q H M M;QÌB M?- +QÌB M? K ?B KX *ÁM #B m +ªK +O h`-
i? M i?MM;X X X
8X
h?ÌB +ÁM çB ?¼+- oä *?B m .QÆM; `i ? v pB i M?"i FQX *| K°i F?QªM; i?ÌB ;B M
bU +O KbM? p S?MM; >ªB *?QM? p"Q +m®M b´X
h?ÌB ;B M ç-m b®M; +?mM;- F?B S?MM; >ªB *?QM? ;B9T oä *?B m .QÆM; /¼M ç²
` +m®M b´ M?"i FQ tBM? t„M +O +¬X
G9+ 'v +¬ ç M; HQ v ?Q v pÈB ç®M; [m-M €Q- KB i K" B b„T t T +?9M; p"Q M;„M iC
L?•M +Æ ?°B F?¬M; oä *?B m .QÆM; +?Q T?€i ?B M- S?MM; >ªB *?QM? HûM ç¼+
+QÌB F?9+ F?Q+? pb +€B bU M;•v M;¬+O +¬- p" +ª bU ç€M; v m i`QM; ç| M[X
S?MM; >ªB *?QM? ;B'm +m®M b´ ` b m HQM;- M? çB ç M çSM; b m HQM; +¬- /U
M;?B M; M;?B M; M?bM +¬X
" ` M? M?bM ç M K'i iU M?B M- oä *?B m .QÆM; [m v b M; [m€i K°i iB M;X óL"v5ô
h`€B H¢B- M? +ÁM +QÌB iQ ?ÆMX óæ9M; H" +¬ #û i°B M;?B T5ô
oä *?B m .QÆM; M?bM M? #^M; €M? K„i F?| ?B mX ó M? M|B ;b\ô
M? ?Qi b•m K°i ?ÆB- i?Î ` K°i +€+? +?"K `½B `²B ç¼+ K°i çQ¢MX ó>¬K M v 2K i?'
K†+ /M 2K `i; M? i` M?QM; pšM ;QÊM; +QÌB F?B M? M?bM 2KX 1K QÊ+ ;b KbM?
?" KMB ?QÆM; i` M +Æ i? M?X X Xô L|B tQM;- M? +QÌB HÈM- +QÌB ç M [m†M +
*¬ HÌ KÌ çQ€M ` çQÊ+ çB m ;b ç| - #'i M;Ì t¬M; H M- pÁM; i v ` b m HQM; M? ibK
+O KbM?- +¬ F?¬M; /€K iBM M;`v tQ KbM? ç½ pB i` +?9M;X óh`ª +?Q 2K5ô
""M i v ;B[+m®M b´ çQ + Q H M- oä *?B m .QÆM; M?ªv H M +kM; F?¬M; i? pÈB
M;²B bKT tm®M; iÄ p ;B" M /¶BX
S?MM; >ªB *?QM? i?'v /€M; p K M?2Q +O +¬- +| +?9i p mB i`QM; HÁM;X óæ M
2K M;?2 M?û5ô
*€B ç-m +¬ M?9+ M?Q+?- M;?B M; K†i b M; i`€B HB + M?X a m ç| F?¬M; M|B F?
+€B p HB ç M; /¼M / M; /ÎX *¬ H'v K'v #° [m-M €Q KbM? pW t T p"Q iO- #Ä H¢B p
?U+X
L?"M ` çB m +?ŠM; H" M?- S?MM; >ªB *?QM? p°B p" M; çB ç M M;„M +¬ H¢BX ó:B"
ó1K F?¬M; +QÈB M[- F?¬M; H" K pÊ M? M[X X X M?X X X [m€ ç€M;5ô *¬ ;"Q H
M? MûM +QÌB- i`ª +m®M M?"i FQ +?Q +¬- FûQ +¬ p"Q HÁM; p¶ p X ó M? tBM H¶B
oä *?B m .QÆM; +ÁM i`€+? K|+ M? i? K p" B +•m- M? pšM /`m /"M; /¶ /"M? +¬X
L?QM; çQÊ+ p" B ?¬KX > B ?¬K b m- M? M' B ?SM; Km®M +?¼+ ;? Q +¬- H¢B #„i
i`QM; M?"i FQ +O +¬X

*¬ ;B" M ç M i Q K K†i- +?²K b M; +„M M?X óE?¬M; çQÊ+ M|B M[5ô
 S?MM; >ªB *?QM? çQ i v tBM ?"M;- pb +?d +| p"v +¬ KÈB i?ª` ,M; ` F?ÄB i v M?
 *| çB m H" M? F?¬M; +?W çQÊ+ +€B i"i i` m ;? Q +¬- /,K # #[HçB ç¼+ p" B +•
 +ÁM T?ªB F?2M M;ÊB M?- pb +?QM? +¬ +ÁM F?¬M; M?È KbM? ç½ pB i ;b- p"v K"
 M;¬v H [m M i`¼M; HçB +?ŠM; M?È M´BX
 h?U+ ` i?b M? F?¬M; ç¼+ M?"i FQ +O +¬- M? +?d M|B #W p" B +•m- p"v K" H"K
 çB ;m®+ i`QM; #KM; +¬X
 dX
 *€+? :B€M; aBM? ? B M;¬v- * Q E?„+ ?S çB t2K T?BK pÈB Gw Zm•M- M?QM; +¬M
 M? F?¬M; i? [m v p M?" ç|M +¬ M M ç½ F m +¬ iU #„i t2 ç M`çT i`QÊ+X
 Gw Zm•M F?¬M; `ä çQÌM; t€i? M"Q- #„i ççB K°i +?B + t2 p" F m M;QÌB i +?Î ç M
 "€+ i" B M;?2 M?-K ç` +?d- HçB +ÁM çQ +¬ çB M?-K çQÌM;X æ M F?B çB Hç+ KÈ
 `²B #ªQ +¬ #„i t2 F?€+ K" çB iB TX
 *¬ ;€B M?Ä i?"i i?"- pšM i`ª iB M +?Q #€+ i" B `²B çSM; # M çQÌM; çÊB t2 i tB F?
 K v K" +| p" B +¬ ;€B +kM; çSM; +MM; +¬X
 æSM; çÊB K°i H9+ H•m F?¬M; i?'v +?B + i tB M"Q- Gw Zm•M ?ÆB HQ H„M;X *¬ +?
 `²B M;QÌB i çB tm®M; ç|M p" B +¬ ;€B H M t2X *¬ +ÁM M;?o +?„+ H" M;QÌB M?" ç
 ;€B M"v B +kM; K†+ ç² M;„M +OM- i`QM; F?B +¬ K†+ FQM M?Q #QM; K" pšM i?'v
 *¬ +ÁM i®i #KM; i†M; ;,M; i v +?Q K°i +¬ ;€B çSM; ;-M ç|X E?B +¬ çQ ;,M; i v ` -
 K„i ? i bS+ FBM? M;ç+ M?bM +¬- +?„+ H" +ªK ç°M; H„K5
 æÊB K°i H9+ H•m b®i`m°i- Gw Zm•M ;¼B çB M +?Q * Q E?„+ #€Q +€Q iB M? ?bM
 M?bM [m M? `²B i?'v i M çQÌM;- #€Q pÈB M?X
 * Q E?„+ pW M;?2 i M çQÌM; tQM;- HB M #°i` ? B iB M; F m Q€MX ó1K çSM; v M
 +kM; F?¬M; çB i?2Q ?¼- M?È +?Q \ô
 Gw Zm•M p•M; p•M; /ç /ç K°i iB M; `²B +9T K€vX
 Zmª ç9M; M?Q HÌB * Q E?„+ M|B- Gw Zm•M i?-K M;QĐM; K° i"Q T?€M çQ€M +O
 T?9i b m- +| K°i +?B + t2 /WM; i`QÊ+ K†i +¬X J°i M;QÌB ç" M ¬M; #QÊ+ tm®M;- p
 L;QÌB ç" M ¬M; ?ÄB +¬X ó" Q M?B m\ô
 *¬ M;~M ` K°i H9+ `²B KÈB i`ª HÌBX óJQÌB +?QM ç5ô
 ó*O B\ô L;QÌB ç" M ¬M; HçB ?ÄBX
 ó*O +?€mXô
 L;?2 çQÊ+ +•m i`ª HÌB +O +¬- M;QÌB /" M ¬M; +QÌB M? K ?B K- ¬M; i ;"i ç-m K°i
 t2X
 ó*?€m ç M; çÊB M;QÌB ç M ç|M `²B ç5ô *¬ tm i v iW +?®BX
 L;QÌB ç" M ¬M; FB #†K K¬B i`ÊM K„i- p K†i F M? FB mX óG M t2- i¬B +?Q +¬ ?Š
 ó*?€m F?¬M; +¬M iB M +O +?95ô *?'i ;B¼M; M;¼i M;¬Q +O Gw Zm•M F?B M M;Q
 «M; i FûQ i v Gw Zm•M- ûT +¬ H M t2X
 Gw Zm•M ;B^M; +Q pÈB M;QÌB ç" M ¬M;- F?¬M; +?`m H M t2X
 J v K" H9+ 'v * Q E?„+ ç M F`T- M m F?¬M; +?ŠM; #B i +?mv M FBM? F?OM; ;b b)
 ó"Ä ` 5ô \* Q E?„+ pW +?çv- pW ?ûi- pW ç~v M;QÌB ç" M ¬M; 'v ` X
 Gw Zm•M #` ?M +?Q ;B"i KbM?- +?çv M9T b m HQM; * Q E?„+X

M? K„M; M; QÌB ç“M ¬M; K'v +•m `²B FûQ +¬ çB M? M? M;²B p“Q t2- M' K€v +?çv
o K†i M? F?¬M; çQÊ+ i®i- Gw Zm•M +kM; M;çB KÎKB M;X *¬ +S H2M HûM M?bM
* Q E?„+ H€B i?ŠM; t2 p M?“- M? ?"K ?U+ ç|M; +Y t2 # M T?Q KbM? `²B çB pÁM
"B m +ªK +O M? H9+ M"v `’i ç€M; bÊ- Gw Zm•M F?¬M; /€K çSM; ;¬M M?- i`QM
F?¬M; #B i M? #U+ #°B +?mv M ;bX
ó M? * Q E?„+5ô *¬ F?) ;¼B- ;B¼M; ?ÆB `mM `mMX
o®M /o M? +?ŠM; i? i`€+? Gw Zm•M çQÊ+- +¬ F?¬M; ? #B i +€B +?¶ KbM? ç M;
E?„+ +?d ;B"M pb bU M;•v i?Æ [m€ KS+ +O +¬X óo“Q M?“5ô M? M!B #^M; ;B¼M;
Gw Zm•M +® FbK MûM MQÊ+ K„i- +¬ F?¬M; ?B m KbM? H“K ;b b B F?B M M? ;B'
i?2Q b m M?- F?“i KkB bKi bMBX
L;?2 i?'v •K i? M? Fb Hç- * Q E?„+ [m v ç¬m M?bM +¬ ;€B M?ÄX *ÆM ;B"M +O M
/€M; `Ki` +O +¬X
M? i?Î /“B- ç†i i v H M p B +¬X óGw Zm•M- M? F?¬M; +| ;B"M 2K ç•m5ô
hB M; M'+ +O +¬ HÈM /¬M- /ÁM; MQÊ+ K„i i?2Q ç! +?ªv /“B tm®M; ;Á K€X ó1K t
M?Q p"v K"- 2K bÊX X Xô
h`€B iBK \* Q E?„+ K K M?kM` - M? pÁM; i v ¬K H'v +¬- p¶ M? H M ç¬m +¬- +QÌB
;B"M 2K- M? +?dX X Xô M? #®B `®B- +® ibK iW M;[i?Q+? ?ÊT ç +¬ #Èi ç m #m
K°i +?9i i?¬B5ô
ó1K F?¬M; +® w çB M?-K çQÌM; ç•m- 2K +kM; F?¬M; +® w M!B +?mv M pÈB +?9 F
F?¬M; +| /'m ?B m /WM; HçB- pšM K½B MS+ MÎi`QM; HÁM; M?X
* Q E?„+ K'i ;¬M # KQÆB T?9i KÈB /¶ +?Q Gw Zm•M M;WM; F?|+X o“ M? `9i` çQ
t2K M? H“K°i çB m +U+ Fb [m M i`¼M; i`QM; +m°+ b®M; +¬X *¬ +ÁM M!B- M m M
M[- +¬ M?'i ç`M? b) ibK ç M +€B +? i- pb b®M; K“ F?¬M; çQÊ+ v m i?QÆM; i?b +
G9+ M;?2 +•m M!B 'v- M? +ÁM M;?B M;ì- #•v ;Bìi?b M? iBM `²B- M? iBM KbM? H
bU v m i?QÆM; /mv M?'i K“ +¬ +¬MX X X
M? +kM; i?W M?“M- +?QM? +¬ H“M; QÌB K“ M? /“M? bU +QM; +?B m M?'i- H“M

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