

c9¥52 > '0-\$ .7 615 µ69B ]4è

I =69 99 \*

c9¥52 > Æ c9¥ œ ,4Ü 34% Ç 0.v9¥\* < œ ,4Ü33% Ç c9¥ L œ ,4Ü33% >

II =69 ?."x

c9¥ œ?."x69+U315 Â c9¥ =c9¥ œ,° a • ,c9¥,° ]73 =&ä l-\$  
,° =Gf C ©31 =+^9¥/. 1• c9¥ œ 0 b\* <Ađ. Äü , n+^ c9¥,° <2± =9¥ ]  
(¯&i = Ö ~ = Ê+^ = Ñ9¥(ÿ(!À+^H +^# µ+^# E Ç Ö ¿ b œ0 ,°  
< , ë ,E¹ n+^9¥(ÿ,° <2± = Ö ~ Â q?· Ê+^ Ç ¼@ c9¥,°C-\$Æ = Ý f =  
Gý l >

0.v9¥\* < œ?."x œ+U Â 9¥\* < œ,° 0 b\* <Ađ =9¥(ÿ '+^,° 0 b?ú Á ,  
9¥(ÿ,° '+^ = '+^ Ö\* < =j À Ê+^ C8¥ Ê1• ? ©. Äü > ¼@ 9¥\* <  
œ.J0¬,° 0 b i# >

c9¥ L œ?."x Â =Ö ¿ L ¼@ c9¥ c q?·2± Á L œ F <,° , + =0  
b L œ5 ° =H ?.,° < L ]C^ =n+^,° </ñ i# =öÄü i# , Ñ2±  
Á L œ F <,°# Bg(¯ · 5 °.J0¬ i# ,+U(ÿEç L Â5 ° \$O! ¶ e ,  
c9¥9¥(ÿ F <,° BX =9¥ Þ Ñ œ =9¥ ~ Þ Ñ œ.J0¬ , ë >

III =69 ~ E B -5 °

- 1.69B i E ÆL# - ,1JB
- 2.69B ,L\* Æ180 <JÖ
- 3.B - < r Æ% < 300 <
- 4.NÍ Á5 ° Æ

F? NÍ	4Ü –	10%
CB @ H		4Ü –20%
1¶1ŠNÍ		4Ü –40%
AđF&NÍ		4Ü – 30%

IV =69 » i

6 = c9¥ œ

´ 6 µ c9¥,°C-\$Æ Â c9¥ œ,° <

K69B -\$ = L

- 1. Â c9¥ = c9¥ œ,° , + >
- 2. 'Ö ¿ : ` , U - ? >ž ],° q?· b9•:•' >
- 3. ¼@ b9•,° , + c9¥,°C-\$Æ >

K69B » ï L

- 1. c9¥ = c9¥ œ,° , + >
- 2. : ` , U - ? >ž ],° q?· b9•:•' >

´ Â µ c9¥,° Ý f =GýLü DCd<

K69B -\$ = L

- 1. Â F%o f9¥ †,° , + >
- 2. ¼@ C B ›9¥G f,° 68bGý l Ö O >

K69B » ï L

- 1. F%o f9¥ †,° , + >
- 2. c9¥,°GýLü 68b Ö O >

´ ? µ c9¥,°&ä l

K69B -\$ = L

- 1. Â c9¥&ä l,° , + Â c9¥&ä l,°-\$,° >
- 2. 'Ö ¿ n+^ L(!Â,°&ä l i# >
- 3. ¼@ ¬•&ä l i# >

K69B » ï L

- 1. c9¥&ä l,° , + =-\$,° >
- 2. c9¥&ä l,° i# >

´ µ c9¥,° ]73

K69B -\$ = L

- 1. Â c9¥ ]73,° a • c9¥"ñ+û,° 0 b Ö\*< >
- 2. Â "J = Ê © = }Lf#¤"¿ = ^5 " ],° , + , v>ž/p9¥(ÿ,°'+^ , / j Â +^9¥,° = 2 E • >

K69B » ï L

c9¥ ]73 = :0 9¥ ]\*<Að,° , + =.¤ Ð Ó ¤ , v>ž/p9¥(ÿ,°'+^ , ¬ / j Â,° = 2 E • >

´ Ê µ c9¥,°Gf C

K69B -\$ = L

Â c9¥Gf C,°-\$,° ,9¥(ÿ 9 û ,° a • / j Â+^9¥,° = 2 E • >

K69B » ï L

c9¥Gf C,°-\$,° Ç9¥(ÿ 9 û ,° a • >

´ £ µ c9¥,°+^9¥/.

K69B -\$ = L



9 = §B| o = : " = 'À6ü2 ç = "j(' @ = K, \*7 = 1/ , = 3a8ç f 7 = H : 8ç = , 38ç < ý 8B  
9• = H ² = ] > v < = C[G§9• = Pç ù = PçUµ9 = 3a9• = 7 TúF , ° Ö ~ = j À Ê+^(-&i =  
(!À+^# +^H -. r Ö+^Hª a?·&i >

´ w µ#1 A9¥

K69B -\$ = L

1. Â #1 A9¥, ° a • = Ö ~ = q"ñ+ûA÷ = <2± Ç'Ö ç :8, #1 A9¥, ° ]73(-&i Ç ¼  
@ #1 A9¥, ° Gf C Ö O Â µ+^# E >
2. Â 9¥(ÿ Æ ]Tú = 8È. " Ç'Ö ç 9¥(ÿ Æ&jTñ ÷ Ç ¼@ 9¥(ÿ Æ+ #1 , = 8Ü9• = F÷ ,,  
÷ = \*B|MR = +NFx = («(' † >
3. Â -. r9¥(ÿ Ö ~ = Ê+^, ° 8 B&i >

K69B » ï L

1. #1 A9¥, ° a • = Ö ~ = q"ñ+ûA÷ = <2± = µ+^# E >
2. ]Tú = 8È. " , °9¥ ] = Ö ~ = q"ñ+ûA÷ = n+^Gf C = +^# +^H = µ+^# E Hª a  
?·&i >
3. &jTñ ÷ = + #1 , = 8Ü9• = F÷ ,, ÷ = \*B|MR = +NFx = («(' †, ° Ö ~ = j À Ê+^(-  
&i = (!À+^# +^H -. r Ö+^Hª a?·&i >

´ w 6 µ/'O \$µ9¥

K69B -\$ = L

1. Â /'O \$µ9¥, ° a • = Ö ~ = q"ñ+ûA÷ = <2± Ç'Ö ç :8, /'O \$µ9¥, ° ]73(-&i Ç  
¼@ /'O \$µ9¥, ° Gf C Ö O Â µ+^# E >
2. Â 9¥(ÿ Æ)"#q = 7&« = ^+ = 0 8³ = Lh ' = ‡ ú+U Ç'Ö ç 9¥(ÿ Æ ÆKµ µ =  
, = ; " < ý = Ê Ö, ä Ç ¼@ 9¥(ÿ Æ , Ø < ý = ‡ Ó = Bž9i9• = 8# Ý † = M- ç < =) 7@ >
3. Â -. r9¥(ÿ Ö ~ = Ê+^, ° 8 B&i >

K69B » ï L

1. /'O \$µ9¥, ° a • = Ö ~ = q"ñ+ûA÷ = <2± = µ+^# E >
- 2.)"#q = 7&« = ^+ = 0 8³ = Lh ' = ‡ ú+U, °9¥ ] = Ö ~ = q"ñ+ûA÷ = n+^Gf  
C = +^# +^H = µ+^# E -. r Ö+^Hª a?·&i >
3. ÆKµ µ = , = ; " < ý = Ê Ö, ä = , Ø < ý = ‡ Ó = Bž9i9• = 8# Ý † = M- ç < =)  
7@, ° Ö ~ = j À Ê+^(-&i = (!À+^# +^H -. r Ö+^Hª a?·&i >

´ w Â µ L\$µ9¥

K69B -\$ = L

1. Â L\$µ9¥, ° a • = Ö ~ = q"ñ+ûA÷ Ç ¼@ L\$µ9¥, ° Gf C Ö O Â µ+^# E >
2. Â 9¥(ÿ Æ µ < 5Oĩ = 9 e = Đ j Ç'Ö ç 9¥(ÿ Æ. 8 ÷ = B|; q Ç ¼@ 9¥(ÿ Æ ÿ ! =  
9• Ò >
3. Â -. r9¥(ÿ Ö ~ = Ê+^, ° 8 B&i >

K69B » ï L

1. L\$µ9¥, ° a • = Ö ~ = q"ñ+ûA÷ = µ+^# E >
2. µ < 5Oĩ = 9 e = Đ j, °9¥ ] = Ö ~ = q"ñ+ûA÷ = n+^Gf C = +^# +^H = µ+^#  
E -. r Ö+^Hª a?·&i >
3. 8 ÷ = B|; q = ÿ ! = 9• Ò, ° Ö ~ = j À Ê+^(-&i = (!À+^# +^H -. r Ö+^Hª  
a?·&i >

´ w ? μ \_"j\$M\$μ9¥

K69B -\$ = L

1. Â \_"j\$M\$μ9¥,° a • = Õ ~ = q"ñ+ûA÷ = <2± Ç'Õ ¿ :8, \_"j\$M\$μ9¥,° ]73 (-&i Ç ¼@ \_"j\$M\$μ9¥,°Gf C Õ O Â μ+^# E >
2. Â 9¥(ÿ Æ9e9 =;Â9 ÷ =#3#1 =Eœ f † =9kL~ =H Jç9• =<,, Æ Ç'Õ ¿ 9¥(ÿ Æ )'9 = ^FP =% .) =.)N Ç ¼@ 9¥(ÿ ÆOÏ Õ,ä =FP9• =-õTÜ =:o:ú =#-H "Í =:<;Ø >
3. Â -. r9¥(ÿ Õ ~ = Ê+^,° 8 B&i >

K69B » ï L

1. \_"j\$M\$μ9¥,° a • = Õ ~ = q"ñ+ûA÷ = <2± = μ+^# E >
- 2.9e9 =;Â9 ÷ =#3#1 =Eœ f † =9kL~ =H Jç9• =<,, Æ,°9¥ ] = Õ ~ = q"ñ+ûA÷ = n+^Gf C =+^# +^H = μ+^# E -. r Õ+^Hª a?·&i >
- 3.)'9 = ^FP =% .) =.)N =OÏ Õ,ä =FP9• =-õTÜ =:o:ú =#-H "Í =:<;Ø,° Õ ~ = j Â Ê+^(-&i =(!Â+^# +^H -. r Õ+^Hª a?·&i >

´ w μ\$ \_H 9¥

K69B -\$ = L

1. Â \$ \_H 9¥,° a • = Õ ~ = q"ñ+ûA÷ Ç ¼@ \$ \_H 9¥,°Gf C Õ O Â μ+^# E >
2. Â 9¥(ÿ ÆLz † = " =6¿ x = j9g:n Ç'Õ ¿ 9¥(ÿ Æ E9jOÏ = 7OÏ =Q 8¥ Ç ¼@ 9¥(ÿ Æ8ç H =7 H >
3. Â -. r9¥(ÿ Õ ~ = Ê+^,° 8 B&i >

K69B » ï L

- 1.\$ \_H 9¥,° a • = Õ ~ = q"ñ+ûA÷ = μ+^# E >
- 2.Lz † = " =6¿ x = j9g:n,°9¥ ] = Õ ~ = q"ñ+ûA÷ = n+^Gf C =+^# +^H = μ+^# E -. r Õ+^Hª a?·&i >
- 3.E9jOÏ = 7OÏ =Q 8¥ =8ç H =7 H,° Õ ~ = j Â Ê+^(-&i =(!Â+^# +^H -. r Õ+^Hª a?·&i >

´ w Ê μ\* <"J9¥

K69B -\$ = L

1. Â \* <"J9¥,° a • = Õ ~ = q"ñ+ûA÷ Ç ¼@ \* <"J9¥,°Gf C Õ O Â μ+^# E >
2. Â 9¥(ÿ ÆL~,ä = é Ô = ^OÏ =OÏLz Ç'Õ ¿ 9¥(ÿ ÆM^,ä = "¿OÏ = " † =;Ú,³ Ç ¼@ 9¥(ÿ Æ ¶OÏ = ,9¥ =9Š Ó n = ' • = 5:, >
3. Â -. r9¥(ÿ Õ ~ = Ê+^,° 8 B&i >

K69B » ï L

- 1.\$ \_H 9¥,° a • = Õ ~ = q"ñ+ûA÷ = μ+^# E >
- 2.L~,ä = é Ô = ^OÏ =OÏLz,°9¥ ] = Õ ~ = q"ñ+ûA÷ = n+^Gf C =+^# +^H = μ +^# E -. r Õ+^Hª a?·&i >
- 3.M^,ä = "¿OÏ = " † =;Ú,³ = ¶OÏ = ,9¥ =9Š Ó n = ' • = 5:,° Õ ~ = j Â Ê+^(-&i =(!Â+^# +^H -. r Õ+^Hª a?·&i >

´ w £ μ#¾O 9¥

K69B -\$ = L

1. Â #¾O ,° a • = Õ ~ = q"ñ+ûA÷ Ç ¼@ #¾O 9¥,°Gf C Õ O Â μ+^# E >
2. Â 9¥(ÿ Æ § x = £" ( =TÜ8ó Ç'Õ ¿ 9¥(ÿ Æ9ç: † =TW »H >
3. Â -. r9¥(ÿ Õ ~ = Ê+^,° 8 B&i >

K69B » ĩ L

1. #¾O 9¥,° a • = Õ ~ = q"ñ+ûA÷ = μ+^# E >

2. § x = £" ( =TÜ8ó,°9¥ ] = Õ ~ = q"ñ+ûA÷ = n+^Gf C =+^# +^H = μ+^#

E -. r Õ+^Hª a?·&ĩ >

3. 9ç: † =TW »H ,° Õ ~ = j À Ê+^(-&ĩ =(!À+^# +^H >

´ w 9 μ!>v9¥

K69B -\$ = L

1. Â !>v9¥,° a • = Õ ~ = q"ñ+ûA÷ = <2± Ç'Õ ¿ :8, !>v9¥,° ]73(-&ĩ Ç ¼ @ !>v9¥,°Gf C Õ O Â μ+^# E >

2. Â 9¥(ÿ Æ E E; = f ¼ = ? 9 =9R9• =,³ =8´ , Ç'Õ ¿ 9¥(ÿ Æ ] ; = 8ç = Ý , =,³9; o =:èTú = Tš9• Ç ¼@ 9¥(ÿ Æ9 Tñ o = ¾&ã =>v •&ã =&ã >

3. Â -. r9¥(ÿ Õ ~ = Ê+^,° 8 B&ĩ >

K69B » ĩ L

1. !>v9¥,° a • = Õ ~ = q"ñ+ûA÷ = <2± = μ+^# E >

2. E; = f ¼ = ? 9 =9R9• =,³ =8´ ,,°9¥ ] = Õ ~ = q"ñ+ûA÷ = n+^Gf C = +^# +^H = μ+^# E -. r Õ+^Hª a?·&ĩ >

3. ]; = 8ç = Ý , =,³9; o =:èTú = Tš9• =9 Tñ o = ¾&ã =>v •&ã =&ã ,° Õ ~ = j À Ê+^(-&ĩ =(!À+^# +^H -. r Õ+^Hª a?·&ĩ >

´ w j μ#q>v L,69¥

K69B -\$ = L

1. Â #q>v L,69¥,° a • = Õ ~ = q"ñ+ûA÷ = <2± Ç'Õ ¿ :8,#q>v L,69¥,° ]73 (-&ĩ Ç ¼@ #q>v L,69¥,°Gf C Õ O Â μ+^# E >

2. Â 9¥(ÿ Æ 8Ä = ,7 3X =F÷H = o ø =4Ø8ç = y ÷ =- " 9• =('7Ó =9à e > 'Õ ¿ 9¥(ÿ Æ Tú = ©Oĭ =TW>v< = US <j =PçJç † = ? ' = "j=# Ç ¼@ 9¥(ÿ Æ"x9¥ = Ê&«78 =#3 | =)Á C+•>, =8 'IK =Pp.Ä> =>v1# = N úª =0μ §+h >

3. Â -. r9¥(ÿ Õ ~ = Ê+^,° 8 B&ĩ >

K69B » ĩ L

1. #q>v L,69¥,° a • = Õ ~ = q"ñ+ûA÷ = <2± = μ+^# E >

2. 8Ä = ,7 3X =F÷H = o ø =4Ø8ç = y ÷ =- " 9• =('7Ó =9à e,°9¥ ] = Õ ~ = q"ñ+ûA÷ = n+^Gf C =+^# +^H = μ+^# E -. r Õ+^Hª a?·&ĩ >

3. Tú = ©Oĭ =TW>v< = US <j =PçJç † = ? ' = "j=# "x9¥ = Ê&«78 =#3 | = )Á C+•>, =8 'IK =Pp.Ä> =>v1# = N úª =0μ §+h,° Õ ~ = j À Ê+^(-&ĩ =(!À+^# +^H -. r Õ+^Hª a?·&ĩ >

´ w " μ L,&! é © Î9¥

K69B -\$ = L

1. Â L,&! é © Î9¥,° a • = Õ ~ = q"ñ+ûA÷ = <2± Ç'Õ ¿ :8, L,&! é © Î 9¥,° ]73(-&ĩ Ç ¼@ L,&! é © Î9¥,°Gf C Õ O Â μ+^# E >

2. Â 9¥(ÿ © Æ ∈ E = CS" =#•CS" =+ :Â = Š Í =9 ... ÷ =3a9 † =, 'G = ‡,³,ã =:-8p † Ç'Õ ¿ 9¥(ÿ Æ \_ • U = ?¼8ç =1/9o =3a9ö =Pç 'Jù = ½ - , Ç ¼@ 9¥(ÿ Æ,³Lz † =8Û † =,³ f =1/"Û =\_10Tú = f7 =#-<1 = < 9 =!t â8ç =,³ Õ >

3. Â -. r9¥(ÿ Õ ~ = Ê+^,° 8 B&ĩ >

K69B » ĩ L

1. L, & ! ~ é © Î9¥, ° a • = Õ ~ = q"ñ+ûA÷ = <2± = μ+^# E >
2. € E = CS" = #•CS" = + :Â = Š Í =9 ... ÷ =3a9 † =, 'G = †, 3, ä =:~8p †, °9¥ ] = Õ ~ = q"ñ+ûA÷ = n+^Gf C =+^# +^H = μ+^# E -. r Õ+^Hª a?·&i >
3. \_ • U = ?¼8ç =1/9o =3a9ö =Pç 'Jù =½ -, =, 3Lz † =8Û † =, 3 f =1/"Û = \_10Tú = f7 =#-<1 = < 9 =!t â8ç =, 3 Ò, ° Õ ~ = j À Ê+^(-&i =(!À+^# +^H -. r Õ+^Hª a?·&i >

´ Â w μ ¿/'9¥

K69B -\$ = L

1. Â ¿/'9¥, ° a • = Õ ~ = q"ñ+ûA÷ = <2± Ç'Õ ¿ :8, ¿/'9¥, ° ]73(-&i Ç ¼ @ ¿/'9¥, °Gf C Õ O Â μ+^# E >
2. Â 9¥(ÿ Æ g.8 =.÷.) =UÏP =G® Û ÷ Ç'Õ ¿9¥(ÿ Æ \*)ö = † ÷ =F Ç ¼ @ 9¥(ÿ Æ Oì , < = >!X, ä >
3. Â -. r9¥(ÿ Õ ~ = Ê+^, ° 8 B&i >

K69B » ï L

1. ¿/'9¥, ° a • = Õ ~ = q"ñ+ûA÷ = <2± = μ+^# E >
2. g.8 =.÷.) =UÏP =G® Û ÷, °9¥ ] = Õ ~ = q"ñ+ûA÷ = n+^Gf C =+^# +^H = μ+^# E -. r Õ+^Hª a?·&i >
3. \*)ö = † ÷ =F =Oì , < = >!X, ä, ° Õ ~ = j À Ê+^(-&i =(!À+^# +^H >

´ Â w 6 μ ©6Ó ¥O 9¥

K69B -\$ = L

1. Â ©6Ó ¥O 9¥, ° a • = Õ ~ = q"ñ+ûA÷ = <2± Ç'Õ ¿ :8, ©6Ó ¥O 9¥, ° ]73 (-&i Ç ¼ @ ©6Ó ¥O 9¥, °Gf C Õ O Â μ+^# E >
2. Â 9¥(ÿ Æ.) é D =(—= = C£.) =5Ð5À@ =( 'Tú =Jß< = \_Tñ Ç'Õ ¿9¥(ÿ Æ \* \* " = fUÏ = ž=, ==><Û Ç ¼ @ 9¥(ÿ Æ p:ð< = +<Ë >
3. Â -. r9¥(ÿ Õ ~ = Ê+^, ° 8 B&i >

K69B » ï L

1. ©6Ó ¥O 9¥, ° a • = Õ ~ = q"ñ+ûA÷ = <2± = μ+^# E >
- 2..) é D =(—= = C£.) =5Ð5À@ =( 'Tú =Jß< = \_Tñ, °9¥ ] = Õ ~ = q"ñ+ûA÷ = n+^Gf C =+^# +^H = μ+^# E -. r Õ+^Hª a?·&i >
3. \* \* " = fUÏ = ž=, ==><Û = p:ð< = +<Ë, ° Õ ~ = j À Ê+^(-&i =(!À+^# +^H >

´ Â w Â μ 60Ã9¥

K69B -\$ = L

1. Â 60Ã9¥, ° a • = Õ ~ = q"ñ+ûA÷ = <2± Ç ¼ @ 60Ã9¥, °Gf C Õ O Â μ+^# E >
2. Â 9¥(ÿ Æ TÓOï =.): :è Ç'Õ ¿9¥(ÿ Æ æ() Ç ¼ @ 9¥(ÿ Æ 9 >Oï >

K69B » ï L

1. 60Ã9¥, ° a • = Õ ~ = q"ñ+ûA÷ = <2± = μ+^# E >
2. TÓOï =.): :è, °9¥ ] = Õ ~ = q"ñ+ûA÷ = n+^Gf C =+^# +^H = μ+^# E >
3. æ() =9 >Oï, ° Õ ~ = j À Ê+^(-&i =(!À+^# +^H >

´ Â w ? µ> <•9¥

K69B -\$ = L

1. Â > <•9¥,° a • = Õ ~ = q"ñ+ûA÷ = <2± Ç'Õ ç :8,> <•9¥,° ]73(¬&i Ç ¼ @ > <•9¥,° Gf C Õ O Â µ+^# E >
2. Â 9¥(ÿ Æ ð ø = • ø = Tú8à =,³ e = +N9• = Tµ9n = \$!5À<5 = ' ( =>Pb78 = : S † = %o ^ = Õ fTú =,³8Ã = Lu7, = <Oì , = M"ï ø = TÛ â = UÕ+h = S +h Ç'Õ ç 9¥ (ÿ Æ µ#A ø = \$9¥ = 3a"éEœ = \* U \_ =5# ã =6ç8÷:ÿ = â<j E9• =, ' > = \_ â =.) Ñ = )ç1/ = î" † Ç ¼ @ 9¥(ÿ Æ ` † ø =,³ wB| = ] Û = <ÿ ð ÷ = "ï9 † = Uï-r6ç = •"ï ø = Tú2ô = p '9è = ©CT † >
3. Â -. r9¥(ÿ Õ ~ = Ê+^,° 8 B&i >

K69B » ï L

- 1.> <•9¥,° a • = Õ ~ = q"ñ+ûA÷ = <2± = µ+^# E >
2. ð ø = • ø = Tú8à =,³ e = +N9• = Tµ9n = \$!5À<5 = ' ( =>Pb78 =: S † = %o ^ = Õ fTú =,³8Ã = Lu 7, = <Oì , = M"ï ø = TÛ â = UÕ+h = S +h,°9¥ ] = Õ ~ = q"ñ +ûA÷ = n+^Gf C =+^# +^H = µ+^# E -. r Õ+^Hª a?·&i >
- 3.?µ#A ø = \$9¥ = ] Û = 3a"éEœ = \* U \_ =5# ã =6ç8÷:ÿ == <ÿ = â<j E9• =, ' > = \_ â =.) Ñ =)ç1/ = î" † = ` † ø =,³ wB| =- ° ÷ = "ï9 † = Uï-r6ç = •"ï ø = Tú2ô = p '9è = ©CT †,° Õ ~ = j À Ê+^(-&i = (!À+^# +^H -. r Õ+^Hª a?·&i >

´ Â w µ l#B9¥

K69B -\$ = L

1. Â l#B9¥,° a • = Õ ~ = q"ñ+ûA÷ = <2± Ç'Õ ç :8, l#B9¥,° ]73(¬&i Ç ¼ @ l#B9¥,° Gf C Õ O Â µ+^# E >
2. Â 9¥(ÿ Æ Ê © † =, » = \$9g:n = ‡=ë=. =9è † Ç'Õ ç 9¥(ÿ Æ TñTú o = Àù † = 6çB|;q = #-=ë=. =8x Ô Ç ¼ @ 9¥(ÿ Æ Ê C † = 5x2Õ ) = Cš.)78 >
3. Â -. r9¥(ÿ Õ ~ = Ê+^,° 8 B&i >

K69B » ï L

1. l#B9¥,° a • = Õ ~ = q"ñ+ûA÷ = <2± = µ+^# E >
2. Ê © † =, » = \$9g:n = ‡=ë=. =9è †,°9¥ ] = Õ ~ = q"ñ+ûA÷ = n+^Gf C = +^# +^H = µ+^# E -. r Õ+^Hª a?·&i >
- 3.TñTú o = Àù † = 6çB|;q = #-=ë=. =8x Ô = Ê C † = 5x2Õ ) = Cš.)78,° Õ ~ = j À Ê+^(-&i = (!À+^# +^H >

Â = 0.v 9¥\* < œ

´ 6 µ5 Að

K69B -\$ = L

1. Â 9¥\* < œ,° .J0¬ » ï = /B— Â 1 x >
2. ¼ @ 9¥\* < œ ‹ , ë ,F 9¥\* < œ < e Kµ U › G 39¥\* < œ '6; ^9¥\* < œ ïM~,°CW)d >

K69B » ï L

- 1.9¥\* < œ,° .J0¬ » ï = /B— = œ0 1 x
- 2.9¥\* < œ ‹ , ë >



´ Â µ9¥(ÿ ~ Ê Þ Ñ œ

K69B -\$ = L

1. Â 9¥(ÿ '+^,° 0 b>ž)æ Â '+^ ï E Ç9¥(ÿ '+^,° 0 b?ú Á ; "F? ] = Â  
H ] = \$ 8 ] = H ~ ©31 Â ° ~ ©311• Ç % DGf %°,° , + Ç è Â Ñ Â » ^#q ],° ,  
+ Ç%ö Þ x Â \$ Í x,° Ð • >

2. Õ ç % œB\* 9¥(ÿ- %°,°-. È '+^ >

K69B » ï L

1. 9¥(ÿ '+^,° 0 b>ž)æ = 0 b?ú Á '+^ ï E >

2. % DGf %°,° , + Ç è Â Ñ Â » ^#q ],° , + Ç%ö Þ x Â \$ Í x , + >

3. % œB\* 9¥(ÿ- %°,°-. È '+^ >

´ ? µ9¥(ÿ BX Þ Ñ œ

K69B -\$ = L

1. Â 9¥(ÿ,°EçF = % »Eý0A § 3V >

2. Õ ç 9¥ Þ œ,° 6 Ñ 0 b , + >

K69B » ï L

1. 9¥(ÿ,°EçF = % »Eý0A = § 3V

2. 9¥ Þ œ 0 b , + >

´ µ § 9¥(ÿ ~ Ê,° 3V

K69B -\$ = L

Õ ç § 9¥(ÿ ~ Ê Þ % ïM~,° 3V = 9¥(ÿ ïM~ 3V >

K69B » ï L

§ 9¥(ÿ ~ Ê Þ % ïM~,° 3V = 9¥(ÿ ïM~ 3V >

´ Ê µ V 0"5 315 9¥\* < ,Að

K69B -\$ = L

1. Â V 0"5 %°,° <2± = < 9 Â ~ Ê FHC^,°+U(ÿ > F =Cd Ž =H t = BX >

2. Õ ç V 0"5 9¥(ÿ,° '+^ ï E Â <2± >

K69B » ï L

1. V 0"5 %°,° <2± = < 9 Â ~ Ê ÇFHC^,°+U(ÿ > F =Cd Ž =H t = BX >

2. V 0"5 9¥(ÿ,° '+^ ï E Â <2± >

´ £ µ 6ü.ç9¥

K69B -\$ = L

1. Â " Ò8ïOï.ç = æ U,° D,°9¥\* < '+^ = p l = j Â Ê+^ = C8¥ Ê >

2. Õ ç •G!6ü.ç,° 0 b9¥\* < '+^ >

3. ¼@ — \*6ü.ç =GÁ+h6ü.ç = " ;~.ç = ' .ç = n?÷ IF < ] Í6ü.çG¥G-9¥,°9¥\* < ' >

+^(&ï >

K69B » ï L

1. " Ò8ïOï.ç = æ U,° D,°9¥\* < '+^ = p l = j Â Ê+^ = C8¥ Ê >

2. •G!6ü.ç,° 0 b9¥\* < '+^ >

3. — \*6ü.ç =GÁ+h6ü.ç = " ;~.ç = ' .ç = n?÷ IF < ] Í6ü.çG¥G-9¥,°9¥\* < '+^(&ï >

&ï >

´ 9 µ ? p/-G®G¥2± 6ü.çG¥G¬ C#q9¥

K69B -\$ = L

1. Â ? p/-G®G¥2± c" Lh"ñ Õ O @ ‡+^9¥ , "e@ /- Ð ´.Î@ /- Ð µ,°9¥\* < ' +^ j À Ê+^ >

2. 'Õ ¿ LôF < ] Íü.çG¥G¬-9¥ c" p l = c" >ž)æ ,6ü.çG¥G¬ C#q9¥,° ' +^ p l >  
K69B » ĩ L

1. ? p/-G®G¥2± c" Lh"ñ Õ O @ ‡+^9¥ , "e@ /- Ð ´.Î@ /- Ð µ,°9¥\* < ' +^ j À Ê+^ >

2. LôF < ] Íü.çG¥G¬-9¥ c" p l =>ž)æ Ç6ü.çG¥G¬ C#q9¥,° ' +^ p l >

´ i µ Íü.ç9¥

K69B -\$ = L

1. Â Lu Ž ÷,°9¥\* < ' +^ = j À Ê+^ = C8¥ Ê c" Â/· A ÷ >

2. 'Õ ¿ §9P: .ç Â R9P: .ç,°(-&i ÇLš · L Á ÂM"Lš · L Á6Â ´9¥,°9¥\* < œ(-&i >

3. ¼@ F? ] M %oLq ā9¥,°(-&i Ç/"5 8,Lq% 9¥,° ' +^ +^FJ >

K69B » ĩ L

1. Lu Ž ÷,°9¥\* < ' +^ = j À Ê+^ = C8¥ Ê c" Â/· A ÷ >

2. §9P: .ç Â R9P: .ç,°(-&i ÇLš · L Á ÂM"Lš · L Á6Â ´9¥,°9¥\* < œ(-&i >

3. F? ] M %oLq ā9¥,°(-&i Ç/"5 8,Lq% 9¥,° ' +^ +^FJ >

´ “ µ 6ô @7°3V9¥

K69B -\$ = L

1. Â 6ô @7°3V = ñ+h6ô @7°3V = 8 O6ô @7°3V = P \*70,°9¥\* < ' +^ = j À Ê+^ = C8¥ Ê Â+^9¥# E ÁN¯ >

2. 'Õ ¿ P \*G• 770 = L\*5Õ70 = P \*70 = TñTú.ç = ñ"]6ô @7°3V = +h"]70,° ' +^(-&i j À Ê+^ >

K69B » ĩ L

1. 6ô @7°3V = ñ+h6ô @7°3V = 8 O6ô @7°3V = P \*70,°9¥\* < ' +^ = j À Ê+^ = C8¥ Ê Â+^9¥# E ÁN¯ >

2. P \*G• 770 = L\*5Õ70 = P \*70 = TñTú.ç = ñ"]6ô @7°3V = +h"]70,° ' +^(-&i j À Ê+^ >

´ w µ Í6ô @7°3V9¥

K69B -\$ = L

1. Â § %oLq ā9¥,° 0 b ' +^ Â j À Ê+^ = C8¥ Ê Â+^9¥# E ÁN¯ >

2. 'Õ ¿ Ú ý9 Í ÂG•8ú D,° ' +^(-&i >

3. ¼@ 9¥(ÿ / § Â §2 Ð Á %o,°F? ] Ê+^ >

K69B » ĩ L

§ %oLq ā9¥,° 0 b ' +^ Â j À Ê+^ = C8¥ Ê Â+^9¥# E ÁN¯ >

2. Ú ý9 Í ÂG•8ú D,° ' +^(-&i >

´ w 6 µ vG TñG¿9¥

K69B -\$ = L

1. Â vTñ9¥,° ' +^ Õ\* < = Ê+^ ĩ# C8¥ Ê >

2. 'Õ ¿ vTñ9¥,° ' +^ p l § vTñ9¥ ' +^,° 3V >

3. ¼@ n+^ vTñ9¥,°(-&i =+^# " ]>

´ w £ μ"ñ+Í c Ø/'5 315 F6>, ]+ô+û9¥

K69B -\$ = L

1. Â P \*,° % »Eý0A =9¥\* < '+^ = j À Ê+^ = C8¥ Ê , —" P \*,°9¥\* < '+^(&î Â j À Ê+^ >
2. ¼@ Ž — A =ÿ — A = \$êLÆ ã =5• o r5• = α ÿ •3X = H P'-70 = 9%#-3X = 9% „ Ž ÷ = -B05Ä Í =5ÄH P1•,°9¥\* < '+^(&î Â j À Ê+^ >
3. ¼@ c Ø6ü.çG¥G¬ Ç I9¥ P ~ U† = \_ á,° D = Ö ; ... =.) •ç+h =5Ä ( 7ÜG¥1•,°9¥\* < '+^(&î Â j À Ê+^ >
4. ¼@ P \*,°9¥(ÿ-. È '+^ >

K69B » ï L

1. P \*9¥\* < '+^ = j À Ê+^ Â C8¥ Ê >
2. P \*,°9¥(ÿ-. È '+^ >
3. —" P \* = Ž — A =ÿ — A = \$êLÆ ã =5• o r5• = α ÿ •3X = H P'-70 = 9% # -3X = 9% „ Ž ÷ = -B05Ä Í =5ÄH P1•,°9¥\* < '+^(&î Â j À Ê+^ >
4. c Ø6ü.çG¥G¬ Ç I9¥9¥\* < '+^(&î Â j À Ê+^ >
5. P \*,°9¥(ÿ-. È '+^ >

´ w 9 μ@ '#K}, Í&Ä9¥

K69B -\$ = L

1. Â @ '#K}, 9¥,°9¥\* < '+^ p l = <2± = j À Ê+^ D C8¥ Ê >
2. Ö ¿ 9#Q8â = h 5ÄEÑ = #& ´ =5Ä#Q J í,° '+^ D Ê+^ >

K69B » ï L

1. @ '#K}, 9¥,°9¥\* < '+^ p l = <2± = j À Ê+^ D C8¥ Ê
2. Lu . o í,°9¥\* < '+^ = j À Ê+^ D C8¥ Ê >
3. 9#Q8â = h 5ÄEÑ = #& ´ =5Ä#Q J í = /•Gí" ^ 0G• = " › J 9,°9¥\* < '+^ D j À Ê+^ >

´ w j μK}, 9¥

K69B -\$ = L

1. Â M —,°9¥\* < '+^ = '+^ p l = % »Eý0A = j À Ê+^ = F,t ] Â H ã)æB— [ ] c" ,°B ã Â Ø ‡ >
2. Ö ¿ 5 ¬ =8â ` r =5Ä"İGα Â ¿FÜ Ü1• ð > FK}, 9¥,°9¥\* < '+^(&î Â j À Ê+^ >
3. ¼@ Lu{ } % \$ Í xFÜ#QGα,° '+^ >

K69B » ï L

1. M —,°9¥\* < '+^ = '+^ p l = % »Eý0A = j À Ê+^ = F,t ] Â H ã)æB— [ ] c" ,°B ã Â Ø ‡ >
2. 5 ¬ =8â ` r =5Ä"İGα Â ¿FÜ Ü1• ð > FK}, 9¥,°9¥\* < '+^(&î Â j À Ê+^ >
3. Lu{ }+U(ÿ.ç2± ° ~ ©31 Lu{ } % \$ Í xFÜ#QGα,° '+^ >

´ w " μ c Ø ^ a •9¥

K69B -\$ = L

1. ¼@ ì — = r % o2© = § Í : .ç9¥\* < '+^(&î Â j À Ê+^ >

K69B » ï L

ì — = r % o2© = § Í: .ç,°9¥\* < '+^(-&ï Â j À Ê+^ >

´ Â w µ4ú70 í4ú709¥

K69B -\$ = L

1. Â H<sub>1</sub> %Lq ã9¥,°9¥\* < '+^ >
2. 'Õ ¿H<sub>1</sub> %Lq ã9¥,° j À Ê+^ = C8¥ Ê >
3. ¼@ H<sub>1</sub> %Lq ã9¥,° '+^ >

K69B » ï L

1. H<sub>1</sub> %Lq ã9¥,°9¥\* < '+^ = j À Ê+^ C8¥ Ê >
2. H<sub>2</sub> %Lq ã9¥,°9¥\* < '+^ >

´ Â w 6 µ ñ § 8 %o#q ](ÿC^,°9¥(ÿ

K69B -\$ = L

1. ¼@ f M7°3V2± =>v l3V =,³ ?'% ñ \$ í9¥,°(-&ï Â Ê+^ >
2. ¼@ 5-5Ö8"70 %o%ö Þ9¥ Â \$ í x,°(-&ï Â Ê+^ >
3. ¼@ P6ó2±8 %o#q ](ÿC^ />v1x ©% 6Â,° '+^ >
4. ¼@ 6"] L"d = D 6"] L"d ? ©9¥(ÿ,°(-&ï Â < f ¥ >

K69B » ï L

1. f M7°3V2± =>v l3V =,³ ?'% ñ \$ í9¥,°(-&ï Â Ê+^ >
2. 5-5Ö8"70 %o%ö Þ9¥ Â \$ í x,°(-&ï Â Ê+^ >
3. P6ó2±8 %o#q ](ÿC^ />v1x ©% 6Â,° '+^ >
4. 6"] L"d = D 6"] L"d ? ©9¥(ÿ,°(-&ï >

´ Â w Â µ '+^ Ä ù>v1x315 /ñ †FPF%o,°9¥(ÿ

K69B -\$ = L

1. Â JïFPF%Lq% 9¥,° q?.9¥\* < '+^ = j À Ê+^ C8¥ Ê >
2. 'Õ ¿JôFPF%o 6 t9¥ ÂJôFPF%Lq% 9¥,° q?.9¥\* < '+^ j À Ê+^ >
3. ¼@ JÖFPF%Lq% x,° q?.9¥\* < '+^ j À Ê+^ >

K69B » ï L

1. JïFPF%Lq% 9¥,° q?.9¥\* < '+^ = j À Ê+^ C8¥ Ê >
2. JôFPF%o 6 t9¥ ÂJôFPF%Lq% 9¥,° q?.9¥\* < '+^ j À Ê+^ >
3. JÖFPF%Lq% x,° q?.9¥\* < '+^ j À Ê+^ >

´ Â w ? µ"ñ+í ù Ñ>|1#9¥(ÿ

K69B -\$ = L

1. Â "ñ+í ù Ñ>|1#9¥(ÿ <2± >
2. 'Õ ¿ p ù9-,°9¥\* < '+^ = '+^ p l = j À Ê+^ = C8¥ Ê ñLh"ñ Õ O >
3. ¼@ ñ "ñ+í ~ ] ù Õ C ž9¥(ÿ,°9¥\* < '+^ >

K69B » ï L

1. "ñ+í ù Ñ>|1#9¥(ÿ <2± >
2. p ù9-,°9¥\* < '+^ = '+^ p l = j À Ê+^ = C8¥ Ê ñLh"ñ Õ O >
3. ñ "ñ+í ~ ] ù Õ C ž9¥(ÿ,°"ñ+í E • >

´ Â w µ íQ >v Á9¥

K69B -\$ = L



2. Q ~ \_ u9¥ • "2©,° %o »Eý0A =9¥\* < '+^ = '+^ p l = j À Ê+^ = C8¥ Ê >
3. c ~ \_ u9¥ ± 2± = „, ~ \_ u9¥=ð »G¥,°9¥\* < '+^ = '+^ p l = j À Ê+^ = C8¥ Ê >
- 4.7g"j9¥,° , + +NMhG½,°9¥\* < '+^ = j À Ê+^ C8¥ Ê >

´ Â w “ µ#¾ L315 9¥

K69B -\$ = L

1. Â Í#¾ L J\$¹+x9¥,° q?· '+^ <2± >
2. Â ÍG@9¥,° '+^ p l = n+^9¥(ÿ,° N5p&i >
3. Â H₂ %oLq ã9¥ Â H-K⁺-ATPG- Ç I9¥,°9¥\* < '+^ = j À Ê+^ >ž9¥(ÿ >
- 4.Õ ¿6ùU 7Ò Ú9¥,°9¥\* < '+^ Â Ê+^ >
- 5.Õ ¿ M6ü.ç %oLq ã9¥ Â6ù# 3V %oLq ã9¥,° '+^ p\* < = Ê+^ Â >ž9¥(ÿ >

K69B » ĩ L

1. Í#¾ L J\$¹+x9¥,° q?· '+^ <2± >
2. ÍG@9¥,° '+^ p l = n+^9¥(ÿ,° N5p&i >
- 3.H₂ %oLq ã9¥ = H-K⁺-ATPG- Ç I9¥ = M6ü.ç %oLq ã9¥ Â6ù# 3V %oLq ã9¥,° 9¥\* < '+^ = j À Ê+^ >ž9¥(ÿ >
- 4.6ùU 7Ò Ú9¥,° '+^ Â Ê+^ >

´ ? w µ² n315 9¥

K69B -\$ = L

1. Â "İ 770G½ p >ž,°F? ]§ %o%ö Þ x Â6ô @7°,äC^%ö3V,° © Î '+^(-&i = j À Ê+^ Â q?· C8¥ Ê >
2. ¼@ c Ø JK} é9¥ % » = L ž JK} é9¥,°K} é '+^ D j À Ê+^ , /',&9¥,° '+^ = j À Ê+^ D C8¥ Ê >

K69B » ĩ L

- 1."İ 770G½ p >ž,°F? ]§ %o%ö Þ x Â6ô @7°,äC^%ö3V,° © Î '+^(-&i = j À Ê+^ Â q?· C8¥ Ê >
2. c Ø JK} é9¥ = L ž JK} é9¥,°K} é '+^ D j À Ê+^ , /',&9¥,° '+^ = j À Ê+^ D C8¥ Ê >

´ ? w 6 µ † áª •9¥

K69B -\$ = L

- ¼@ 5\_ á3V = , %o D ,3V =TÜ@ +U(ÿ.ç = f M7°3V,°9¥\* < '+^ = j À Ê+^ C8¥ Ê =/· A÷ >

K69B » ĩ L

- 5\_ á3V = , %o D ,3V =TÜ@ +U(ÿ.ç = f M7°3V,°9¥\* < '+^ = j À Ê+^ C8¥ Ê = /· A÷ >

´ ? w Â µ ÍCa>v9¥

K69B -\$ = L

- Â J÷ x = ,G® =5\*+U3V B₂,° '+^ Â j À Ê+^ >

K69B » ĩ L

- J÷ x = ,G® =5\*+U3VB₂,° '+^ Â j À Ê+^ >

´ ? w ? μ '+^ Ä >v315 9¥(ÿ

K69B -\$ = L

1. Ä 6Ó3V =OÏB|3V2± =Lu . o Í =
2. Ä 4Ú5\* = ,³\$ì@ 9¥ =5\*+U3V K = Í4Ú5\* = ,³\$ì@ 9¥, ° '+^ Ä j À Ê+^ >

K69B » ï L

6Ó3V =OÏB|3V2± =Lu . o Í =4Ú5\* = ,³\$ì@ 9¥ =5\*+U3V K = Í4Ú5\* = ,³\$ì@ 9¥ =  
 ) 3 G†,°9¥\* < '+^ Ä j À Ê+^ >

´ ? w μ6ô @7°,äC^%ö3V2±9¥

K69B -\$ = L

1. Ä 3 ,äC^%ö3V,°9¥\* < '+^ = '+^ p | >
2. Ö ¿3 ,äC^%ö3V,° <2± = n+^9¥(ÿ ¬ j À Ê+^ = C8¥ Ê = μ+^/ . >
3. ¼@ - ,äC^%ö3V = ù6ô @7°,äC^%ö3V ,äC^%ö3V Ç I9¥,°ñ+Í E • >

K69B » ï L

1.3 ,äC^%ö3V,° <2± =9¥\* < '+^ ='+^ p | = n+^9¥(ÿ ¬ j À Ê+^ =C8¥ Ê =  
 μ+^/ . >  
 2.- ,äC^%ö3V = ù6ô @7°,äC^%ö3V ,äC^%ö3V Ç I9¥,°ñ+Í E • >

´ ? w Ê μ+h(i7°%ö3V D Í+h(i7°9¥

K69B -\$ = L

1. Ä +h(i7°%ö3V,°9¥\* < '+^ = j À Ê+^ >
2. Ä Í+h(i7°9¥ <2± = >ž ]9¥(ÿ,°9¥\* < '+^ j À Ê+^ >
3. Ö ¿ § %Lq ã9¥,°ñ+Í E • >

K69B » ï L

- 1.+h(i7°%ö3V,°9¥\* < '+^ = j À Ê+^
2. Í+h(i7°9¥ <2± = >ž ]9¥(ÿ,°9¥\* < '+^ j À Ê+^ >  
 § %Lq ã9¥,°ñ+Í E • >

´ ? w £ μLf>v3 9¥

K69B -\$ = L

1. Ä 7& Ñ3V '+^ p\* < = j À Ê+^ Ä C8¥ Ê >
2. Ö ¿ CLf3 9¥,°9¥\* < '+^ = j À Ê+^ Ä C8¥ Ê >

K69B » ï L

- 1.7& Ñ3V '+^ p\* < = j À Ê+^ Ä C8¥ Ê >
2. CLf3 9¥,°9¥\* < '+^ = j À Ê+^ Ä C8¥ Ê >

´ ? w 9 μ ]%ö3V2±9¥ Fμ <9¥

K69B -\$ = L

¼@ ]%ö3V2±9¥(ÿ,°9¥\* < '+^ q?· j À+^FJ ,Fμ <9¥ <2± >

K69B » ï L

] %ö3V2±9¥(ÿ,°9¥\* < '+^ q?· j À+^FJ ,Fμ <9¥ <2± >

´ ? w i μ Í+û Ö ä+U(ÿ9¥(ÿ ,Að

K69B -\$ = L

1. Ä Í+U3V = Í: Bg = Ç: 9¥ Ä v: 9¥ = L+Í = | = Í: 9¥(ÿ D ~ Ê =6F9¥ ]



1. 0 b , + Ç Í: 9¥ ' + ^ p l Ç Í: 9¥ (ÿ > \* < Ê + ^ , ° 0 b Õ O >
2. Õ ¿ 4ü: 6F9¥ ] Ý + U , ° p l >

K69B » ï L

1. Í + U3V = Í: Bg = Ç: 9¥ Â v: 9¥ = L + Í = l = Í: 9¥ (ÿ D ~ Ê = 6F9¥ ] 1 • 0

b , + >

2. Í: 9¥ ' + ^ p l Ç Í: 9¥ (ÿ > \* < Ê + ^ , ° 0 b Õ O >
3. 4ü: 6F9¥ ] Ý + U , ° p l >

´ ? w “ µ ð > F Í: 9¥

K69B -\$ = L

1. Â ïB0G±2±9¥(ÿ, ° Í: ' + ^ = ' + ^ p l = Ê + ^ Â C8¥ Ê n + ^ ïB0G±2±9¥ (ÿ, ° ' + ^ (¬ & i >
2. Â /0702±9¥(ÿ, ° Í: ' + ^ = ' + ^ p l = Ê + ^ = q? · C8¥ Ê -Lh"ñ >
3. ¼ @ + h. “ G, ° Ê + ^ Ç + h" ] 8ú ¬, ° ' + ^ = Ê + ^ D/0702± > + ^ ... B Í: , ° p l >

K69B » ï L

1. ïB0G±2± ≠ 0702±9¥(ÿ, ° Í: ' + ^ = ' + ^ p l = Ê + ^ = q? · C8¥ Ê -Lh"ñ Ç n + ^ ïB0G±2±9¥(ÿ, ° ' + ^ (¬ & i >
2. + h. “ G, ° Ê + ^ Ç + h" ] 8ú ¬, ° ' + ^ = Ê + ^ D/0702± > + ^ ... B Í: , ° p l >

´ w µ §- » G!702± Í + U3V

K69B -\$ = L

1. Â §- » G!702± Í + U3V, ° Í: p l 6F9¥ p l Ç M^M?3VG, ° Í: ' + ^ ≠ 8 Ê A ÷ = q? · C8¥ Ê -Lh"ñ >
2. Õ ¿ € > FM^M?3V Í: ' + ^ D Ê + ^ Ç j ~: 3V2±9¥(ÿ Í: ' + ^ = Ê + ^ D q? · C 8¥ Ê >
3. ¼ @ §- » G!70G¬ Ç I9¥ ¬ §- G!702± Í + U3V, ° (¬ & i >

K69B » ï L

1. §- » G!702± Í + U3V, ° Í: p l 6F9¥ p l Ç M^M?3VG, ° Í: ' + ^ = 8 Ê A ÷ = q? · C8¥ Ê -Lh"ñ >
2. € > FM^M?3V = j ~: 3V2±9¥(ÿ Í: ' + ^ = Ê + ^ D q? · C8¥ Ê >
3. §- » G!70G¬ Ç I9¥ ¬ §- G!702± Í + U3V, ° (¬ & i >

K69B » ĩ L

"^ 03 9-2± Í+U3V,° Í: ' + ^ , n+^9¥(ÿ,°(-&ĩ = j À Ê+^ = C8¥ Ê >

´ w ? µ )â3V2± D"eM?3V2±

K69B -\$ = L

Â )â3V2± "eM?3V,° Í: ' + ^ = j À Ê+^ = C8¥ Ê /· A÷ >

K69B » ĩ L

)â3V2± "eM?3V,° Í: ' + ^ = j À Ê+^ = C8¥ Ê /· A÷ >

´ w µ Í-U: 9¥ D Í+û" 9¥

K69B -\$ = L

1. 'Ö ħ n+^ Í-U: 9¥,° Í: ' + ^(-&ĩ = j À Ê+^ C8¥ Ê Ç Í+û" 9¥,° <2± >

2. ¼@ n+^ Í+û" 9¥,° ' + ^(-&ĩ j À Ê+^ >

K69B » ĩ L

1. n+^ Í-U: 9¥,° Í: ' + ^(-&ĩ = j À Ê+^ C8¥ Ê >

2. Í+û" 9¥,° <2± Ç n+^ Í+û" 9¥,° ' + ^(-&ĩ j À Ê+^ >

´ w Ê µ Í5 n+û9¥ ÍTñO +û9¥

K69B -\$ = L

1. Â 64ö Í5 n+û9¥,° Í: ' + ^ =9¥ Þ Ñ œ(-&ĩ = j À+^FJ Â C8¥ Ê ,  
Í5 n+û9¥ Ê+^ Ö O >

2. 'Ö ħ Â4ö Í5 n+û9¥ Í5 n ' + ^ = j À+^FJ C8¥ Ê >

K69B » ĩ L

1. 64ö Í5 n+û9¥,° Í: ' + ^ =9¥ Þ Ñ œ(-&ĩ = j À+^FJ Â C8¥ Ê , Í  
5 n+û9¥ Ê+^ Ö O >

2. Â4ö Í5 n+û9¥,° Í5 n ' + ^ = j À+^FJ C8¥ Ê >

´ w £ µ Í ú+U<j9¥

K69B -\$ = L

1. 'Ö ħ +h. " G,° ÍLu2© \* ' + ^ = Í%\*<j ' + ^ = Í+h1bMã<j ' + ^ = Í Â": ' + ^ Â  
Ê+^ 5. " G,° ' + ^(-&ĩ >

2. ¼@ "e ĩ = e" ^ ĩ = •70 ] ¬ =Mˆ:ö3V2± „ , ,° Í+Ö ' + ^ = ' + ^ p l = j À  
Ê+^ C8¥ Ê >

K69B » ĩ L

1.+h. " G,° ÍLu2© \* ' + ^ = Í%\*<j ' + ^ = Í+h1bMã<j ' + ^ = Í Â": ' + ^ Â Ê+^

5. " G,° ' + ^(-&ĩ >

2."e ĩ = e" ^ ĩ = •70 ] ¬ =Mˆ:ö3V2± „ , ,° Í+Ö ' + ^ = ' + ^ p l = j À Ê+^  
C8¥ Ê >

´ w 9 µ Í ¬ ]6ö,Z9¥

K69B -\$ = L

1. Â Í ¬ ]6ö,Z9¥,° <2± =9¥\*< ' + ^ Â6F9¥ p l >

2. ¼@ Í ¬ ]6ö,Z9¥6Š > Ê+^ Ö O >

3. ¼@ 4ü7 Ô! ž U D9¥(ÿ"ñ+Í,° ©31 >

K69B » ĩ L

Í ñ ]6õ,Z9¥,° <2± =9¥\* < '+^ Â6F9¥ p l >

? = c9¥ L œ

´ 6 µ5 Að

K69B -\$ = L

1. Â c9¥ L œ,° , + Â »#ë >
2. 'Ö ¿ c9¥ L œ,° '+^ Â.J0¬ E • >
3. ¼@ c9¥ L œ,° .J0¬ Â q? .J0¬ ï G >

K69B » ï L

1. c9¥ L œ,° , + = »#ë Â '+^ >
2. c9¥ L œ.J0¬ E • F ‹ >
3. c9¥ L œ q? .J0¬ ï G >

´ Â µ3 9-2± L >(ÿ

K69B -\$ = L

1. Â 3 2± L >(ÿ,° a • =5 ° D <2± = P3 ,°H ?· ]C^ = öAü ï# >
2. Â 9-2± L >(ÿ,° a • =5 ° (&ï = <2± =H ?·\* < L ]C^ >
3. Â 9-2± L >(ÿ,°# Bg(· · Æ9-2± L >(ÿ5 ° .J0¬,° 68b0A Â ï# >
4. 'Ö ¿ 3 Â9-2± L >(ÿ,° öAü ï# >
5. ¼@ 3 Â9-2± L >(ÿ,° < 9 Â Ö ~ >

K69B » ï L

- 1.3 2± L >(ÿ,° Ð • = < 9 Â Ö ~ >
- 2.3 2± L >(ÿ,°5 ° D <2± Æ(3 =,6•3 Â P3 1• 9-2± L >(ÿ,°5 ° D <2± Æ <2± ï# ?'9-Kd Ö † <2± >
- 3.3 Â9-2± L >(ÿ,°\* < L ]C^ Æ ](ï = • ] = \$ì@ ] = t8" Ê "¿#ö Ê = 9-Kd,°>ø@ >
- 4.3 Â9-2± L >(ÿ,° öAü ï# Æ\* < L öAü Â8"Bg öAü >
- 5.9-2± L >(ÿ,°# Bg(· · >

´ ? µGÂ2± L >(ÿ

K69B -\$ = L

1. Â :óGÂ2± L >(ÿ,°5 ° D <2± =H ?·\* < L ]C^ = öAü ï# >
2. Â :óGÂ2± L >(ÿ,°# Bg(· · >
3. 'Ö ¿ Lš:óGÂ L,° ¬ 1GÂ2± L >(ÿ,° 68b ]C^ >
4. 'Ö ¿ n?÷ c9¥ c v aGÂ2± F <,° L œ5 ° >
5. ¼@ GÂ2± L >(ÿ,° < 9 Â Ö ~ >

K69B » ï L

- 1.GÂ2± L >(ÿ,° Ð • = < 9 Â +U(ÿ#q ] >
- 2.GÂ2± L >(ÿ,°5 ° D <2± Æ9%GÂ =:NGÂ =:(GÂ =:óGÂ >
- 3.GÂ2± L >(ÿ,°\* < L ]C^ Æ(ÿ\* < ]C^ Â L œ ]C^ >
- 4.GÂ2± L >(ÿ,° öAü ï# Æ\* < L öAü Â8"Bg öAü >
- 5.:óGÂ2± L >(ÿ,°# Bg(· · ÆUV =IR = 1H-NMR 13C-NMR =MS >

μ9% O3V2± L >(ÿ

K69B -\$ = L

1. Â OİB|3V2± L >(ÿ,°5 °(-&i = <2± ≠ ?·\* < L ]C^ = öAü i# Â# Bg(· >
2. 'Ö ĵ 9% O3V2± L >(ÿ,° <2± , ^783V2± L >(ÿ a • 5 °(- · ≠ ?·\* < L ]C^ = öAü i# >
3. ¼@ 9% O3V2± L >(ÿ+U(ÿ > FFJ ° Â ^783V,°# Bg(· >

K69B » ĩ L

1. 9% O3V2± L >(ÿ,° Đ • D <2± >
2. 1¶ 9% O3V2± L >(ÿ,°5 °(-&i >ž L >(ÿ
3. OİB|3V Â ^783V2± L >(ÿ,°5 °(-&i D <2± >
4. OİB|3V2± L >(ÿ,°\* < L ]C^ Æ ](i = \$i@ ] = »G¥,°.ç"j@ = t8" Ê = DG@ ,° Ê = Kd,° Ö F Ê "] L Ê Ç ^783V2± L >(ÿ,°\* < L ]C^ Æ ](i = \$i@ ] = • œ#q ] D 8 ° L '+^ = t8" Ê >
5. OİB|3V Â ^783V2± L >(ÿ,° öAü i# Æ\* < L öAü Â8"Bg öAü >
6. OİB|3V Â ^783V2± L >(ÿ,°# Bg(· ÆUV = IR = <sup>1</sup>H-NMR <sup>13</sup>C-NMR = MS >

Ê μTúG²± L >(ÿ

K69B -\$ = L

1. Â TúG²± L >(ÿ,° Đ • Â5 ° <2± >
2. Â TúG²± L >(ÿ,°\* < L ]C^ Â öAü i# >
3. Â TúG²± L >(ÿ,°# Bg(· >
4. 'Ö ĵ >žTúG²± L >(ÿ,°5 ° >
5. ¼@ TúG²± L >(ÿ,° < 9 Â Ö ~ >

K69B » ĩ L

1. TúG²± L >(ÿ,° Đ • = < 9 Â Ö ~ >
2. TúG²± L >(ÿ,°5 ° <2± ÆTúG² = TúG²G½ = Â"XTúG² = Â"XTúG²G½ = 8TúG² = Â"X 8TúG² = 6iG² = Â"X 6iG² = •G² = 8ç8"3V = Tú'--3-G½ = Tú'--3 ,4- ÂG½ = TúG²1• >
3. TúG²± L >(ÿ,°\* < L ]C^ Æ ](i = • ] = \$i@ ] = G@.ç ] = t8" Ê >
4. TúG²± L >(ÿ,° öAü i# Æ\* < L öAü = 8"Bg öAü >
5. TúG²± L >(ÿ,°# Bg(· ÆUV = <sup>1</sup>H-NMR <sup>13</sup>C-NMR = MS >

£ μ:R2± Â [ "i

K69B -\$ = L

1. Â :R2± L >(ÿ Â [ "i,° , + ] "i,°4ú F ≠ ?·,°\* < L ]C^ öAü i# >
2. 'Ö ĵ :R2±,°5 °(-&i = <2± >ž L >(ÿ ¬ Ö ~ >
3. ¼@ :R2± L >(ÿ,°H ?·\* < L ]C^ Â# Bg(· >

K69B » ĩ L

- 1.:R2± L >(ÿ,° , + = < 9 Â5 ° D <2± > [ "i,° Đ • = < 9 4ú F >
2. n?÷:R2±,°5 °(-&i = >ž L >(ÿ ¬ Ö ~ >
- 3.:R2± L >(ÿ,°\* < L ]C^ Æ ](i = \$i@ ] = L œ Ê > [ "i,°\* < L ]C^ Æ ](i = \$i@ Ü = (ÿ\* < n ! = 0i Đ ] >
- 4.:R2± L >(ÿ,° öAü i# Æ\* < L öAü = 8"Bg öAü > [ "i,° öAü i# Æ68b ö = \* < L n !#• Đ = L œ n !#• Đ = Î73 H² Đ i# = 8"Bg öAü >
- 5.:R2± L >(ÿ,°# Bg(· ÆUV = <sup>1</sup>H-NMR <sup>13</sup>C-NMR = ¬ <sup>1</sup>NMßg = •Bg >

´ 9 µ ? :R2± L >(ÿ

K69B -\$ = L

1. Â ? :R2± L >(ÿ ,9-,°5 °(- · =H ?·\* < L ]C^ = \$i >v ' + ^ = öAü i# >
2. 'Ö ¿ :R2± L >(ÿ,°# Bg(¯ · >ž L >(ÿ >
3. ¼@ ? :R2± L >(ÿ,° < 9 Ö ~ >

K69B » ĩ L

1. ? :R2± L >(ÿ Â,9-,° , + = < 9 =5 °(- · Ö ~ >
2. ? :R2± L >(ÿ,°5 ° D <2± >ž L >(ÿ >
3. ? :R2± L >(ÿ Â,9-,°\* < L ]C^ = \$i >v ' + ^ >
4. ? :R2± L >(ÿ Â,9-,° öAü i# Æ\* < L öAü =8"Bg öAü >
5. ? :R2± L >(ÿ,°# Bg(¯ · ÆUV = ¹H-NMR ¹³C-NMR = ¬ ¹NMßg =MS >

´ j µ+ t %02± L >(ÿ

K69B -\$ = L

1. Â p ù9- Â+ t %0,9-,° a • = 0 b5 ° =H ?·\* < L ]C^ öAü i# >
2. 'Ö ¿ + t %0 L >(ÿ,°5 °(- · D <2± , p ù9- Â+ t %0,9-,°# Bg(¯ · ,6ü"wG®2± F <,°H ?· ]C^ = </ñ Â öAü i# >
3. ¼@ ¬ + t %02± L >(ÿ,°H ?·\* < L ]C^ öAü i# >

K69B » ĩ L

1. + t %02± L >(ÿ,° a • =5 ° D <2± t8" Ê >
2. p ù9- + t %0,9-,° a • =5 ° D <2± 5 ° D#q ],° ©31 , + t %0,9-,° a • =5 ° D <2± >
3. p ù9- Â+ t %0,9-,°\* < L ]C^ >
4. p ù9- Â+ t %0,9-,° öAü i# Æ\* < L öAü =8"Bg öAü >
5. p ù9- Â+ t %0,9-,°# Bg(¯ · ÆUV = IR = ¹H-NMR ¹³C-NMR =MS >
6. ¬ + t %02± L >(ÿ , C21+ t %0 =C(ÿ+ tG½2± 6ü"wG®2± ÂG¿9: + t »G¥2± L >(ÿ >

´ “ µ+U(ÿ.ç

K69B -\$ = L

1. Â +U(ÿ.ç,° , + =\* < L ]C^ = </ñ D öAü,° 68b i# ¬ Ö\* < >
2. TñTú =TúF =#AH 8ç c q?·+U(ÿ.ç F <,°5 °(- &i =\* < L ]C^ = </ñ D öAü,° 68b i# >
3. 'Ö ¿ +U(ÿ.ç,°5 ° D <2± >
4. 'Ö ¿ ,7 3X = , j c q?·+U(ÿ.ç F <,°5 °(- &i =\* < L ]C^ </ñ,° 68b i# >
5. ¼@ +U(ÿ.ç,° < 9 =#q ] =+U(ÿ > F 5 °.J0¬ >
6. ¼@ 9 ø =Lh ' =PçJç † =3a • c q?·+U(ÿ.ç F <,°5 °(- &i ¬#q ] >

K69B » ĩ L

1. +U(ÿ.ç2± L >(ÿ a • = < 9 = Ž ^ ~ E Ö ~ >
2. +U(ÿ.ç2± L >(ÿ,°5 ° D <2± >ž L >(ÿ >
3. +U(ÿ.ç2± L >(ÿ,°(ÿ\* < ]C^ Æ](i ¬\$i@ ] ,L œ ]C^ Æç ] ¬ § 3V = "¿#ö Ê t8" Ê >
4. +U(ÿ.ç2± L >(ÿ,° öAü i# Æ L œ öAü =8"Bg öAü >
5. +U(ÿ.ç2± L >(ÿ,°# Bg(¯ · ÆUV = IR = ¹H-NMR ¹³C-NMR = ¬ ¹NMßg =MS >

´ w µMÙC^

K69B -\$ = L

1. Â MÙC^,° a • =H ?.\* < L ]C^ Â öAü ï# >
2. Õ ¿MÙC^,° <2± >
3. ¼@ MÙC^,° < 9 = Õ ~ # Bg(· · >

K69B » ï L

1. MÙC^2± L >(ÿ a • = < 9 Õ ~ >
2. MÙC^2± L >(ÿ,°5 ° D <2± >
3. MÙC^2± L >(ÿ,°(ÿ\* < ]C^ Â L œ ]C^ >
4. MÙC^2± L >(ÿ,° öAü ï# Æ L œ öAü =8"Bg öAü >
5. MÙC^2± L >(ÿ,°# Bg(· · Æ 'H-NMR <sup>13</sup>C-NMR = ¬ 'NMßg >

´ w 6 µ ¬ F <

K69B -\$ = L

1. Õ ¿786àG®2± F <,°5 ° =\* < L ]C^ , ^ 0G® == ,³C^ =G¬,°H ?.\* < L ]C^ >
2. ¼@ ? p a. j L >(ÿ D7G9-2± L >(ÿ ¬ c9¥ Ô Á >
3. ¼@ n+^5(ÿ9¥ q?· L œ4ú F c9¥ c äH y3V,° Õ ~ >

K69B » ï L

1. 786àG®2± L >(ÿ a • =5 ° D <2± =\* < L ]C^ a786àG®,° c9¥ Ô Á >
2. ? p a. j L >(ÿ 7G9-2± L >(ÿ,° a • c9¥ Ô Á >
3. ^ 0G®,° a • =5 ° D <2± =\* < L ]C^ öAü ï# >
4. n?÷.5(ÿ9¥,° q?· L œ4ú F , äH y3V,° , ë Õ ~ >

´ w Â µ c9¥ ? ~ F <,° </ñ ï#

K69B -\$ = L

1. Â c9¥ L œ F < = </ñ,° n+^ ï# Ç
2. Â c9¥ c :2± L >(ÿ,° l = Õ\* < >
3. Õ ¿ n?÷ c9¥ c q?· L >(ÿ,°5 °2± Á = >ž L >(ÿ,° </ñ ï# 5 °Hª

Ð ï# >

K69B » ï L

1. c9¥ L œ F <,°5 ® ï# Æ\$ì x# = "j:î"J:îOÁ# = } ,,# Ç c9¥ L œ F < )æ ï# ÆC» &# # =C» j+,#w %o:9 # = ä# # = 5+U # =+U (ÿ # >
2. c9¥ L œ F <5 ® </ñ ï# Æ\$ì x:9 # = "¿#ö# =5 ¬# =5 ®8"Bg# = < OÁ# = Æ# FE Æ# Qæ </ñ ï# ÆQ ~#è-.8"Bg# =C»% # =#è%\*F<#w8"Bg# >
3. c9¥ c :2± L >(ÿ,° l = Õ\* < >
4. c9¥ c :2± L >(ÿ,° l = DHª Ð Ô Á >

´ w ? µ c9¥ ? ~ F <5 °Hª Ð ï#

K69B -\$ = L

1. Â # Bg < Æ ï# ^ c9¥ L œ5 °Hª Ð c,° Ê+^ >
2. Õ ¿ c9¥ L œ F <\* < LHª Ð ï# >

K69B » ï L

1. c9¥ L œ F <\* < LHª Ð ï# Æ(ÿ\* < n l#• Ð =4â Ü#• Ð L >(ÿ,°5 °PÞ ì D Î73 ,°.ª Ð ï# >

