

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 ï# >

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 ï# =öÄü ï# , Ñ2±
Á L œ F <,°# Bg(¯ · 5 °.J0¬ ï# ,+U(ÿEø 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 ï 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 » ĩ

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

1. $\hat{A} Gf C/\cdot >$
2. $\tilde{O} \zeta \hat{A} V+\wedge 9\neq/\cdot$
3. $\frac{1}{4} @ C9\neq O\neq O / \cdot ,^{\circ} \gg i >$

K69B » i L

$Gf C/\cdot = \hat{A} V+\wedge 9\neq/\cdot C9\neq O\neq O / \cdot ,^{\circ} - \%_{00} \gg i >$

$\hat{\cdot} 9 \mu c9\neq,^{\circ} xH D+\wedge \#$

K69B $-\$ = L$

1. $\hat{A} c9\neq xH ,^{\circ} , + >$

2. $\tilde{O} \zeta +\wedge 9\neq xH D9\neq \sim,^{\circ} \odot 31 . \neq \text{Ð} xH] E,^{\circ} \acute{O} \neq \zeta c9\neq,^{\circ} , \neq i \# C9\neq i$

>

K69B » i L

$xH ,^{\circ} , + \zeta c9\neq,^{\circ} (!\hat{A} , \# >$

$\hat{\cdot} i \mu @ > \check{z}9\neq$

K69B $-\$ = L$

1. $\hat{A} @ > \check{z}9\neq,^{\circ} a \bullet = \tilde{O} \sim = q''\tilde{n} + \hat{u}A \div = < 2 \pm \zeta \tilde{O} \zeta : 8, @ > \check{z}9\neq,^{\circ}] 73 (\neg \& i \zeta \frac{1}{4}$

@ @ > \check{z}9\neq,^{\circ} Gf C \tilde{O} O \hat{A} \mu + \wedge \# E >

2. $\hat{A} 9\neq (\ddot{Y} \text{ÆT}\tilde{n}T\acute{u} = x \acute{O} = 9 | 8\hat{U} = 5\hat{A}\#q = ,^{\circ} 9 - = (' : x \dagger = \ddagger , = : 8\zeta = * 7 = : '$

$o \zeta \tilde{O} \zeta 9\neq (\ddot{Y} \text{Æ} 3a9 , = + U = O\tilde{i}; i = LhO = ,^{\circ} 38 i = 4\ddot{u}E\tilde{N} == \bullet = K = } T\tilde{n} \zeta \frac{1}{4} @ 9\neq (\ddot{Y} \text{Æ} ; \div b = 9 6i \dagger = E\tilde{N} m = ; | 9 | \dagger = \$ B | B \bullet >$

3. $\hat{A} \cdot r9\neq (\ddot{Y} \tilde{O} \sim = \hat{E} + \wedge ,^{\circ} 8 B \& i >$

K69B » i L

1. @ > \check{z}9\neq,^{\circ} a \bullet = \tilde{O} \sim = q''\tilde{n} + \hat{u}A \div = < 2 \pm = \mu + \wedge \# E >

2. $T\tilde{n}T\acute{u} = x \acute{O} = 9 | 8\hat{U} = 5\hat{A}\#q = ,^{\circ} 9 - = (' : x \dagger = \ddagger , = : 8\zeta = * 7 = : ' o9\neq] = \tilde{O}$

$\sim = q''\tilde{n} + \hat{u}A \div = n + \wedge Gf C = + \wedge \# + \wedge H = \mu + \wedge \# E \cdot r \tilde{O} + \wedge H^a a ? \cdot \& i >$

3. $3a9 , = + U = O\tilde{i}; i = LhO = ,^{\circ} 38 i = 4\ddot{u}E\tilde{N} == \bullet = K = } T\tilde{n} ; \div b = 9 6i \dagger = E\tilde{N} m =$

$; | 9 | \dagger = \$ B | B \bullet \tilde{O} \sim = j \hat{A} \hat{E} + \wedge (\neg \& i = (! \hat{A} + \wedge \# + \wedge H \cdot r \tilde{O} + \wedge H^a a ? \cdot \& i >$

$\hat{\cdot} \mu \$; \# 9\neq$

K69B $-\$ = L$

1. $\hat{A} \$; \# 9\neq,^{\circ} a \bullet = \tilde{O} \sim = q''\tilde{n} + \hat{u}A \div = < 2 \pm \zeta \tilde{O} \zeta : 8, \$; \# 9\neq,^{\circ}] 73 (\neg \& i \zeta \frac{1}{4}$

@ \$; \# 9\neq,^{\circ} Gf C \tilde{O} O \hat{A} \mu + \wedge \# E >

2. $\hat{A} 9\neq (\ddot{Y} \text{Æ} .) 7\hat{A} = . " = 6 \dagger = E \hat{a} 9 \bullet = T\acute{u} 8\beta = T\acute{u} F = T\acute{u} = U\tilde{i} 6\ddot{u} = H K, 8\zeta =$

$F 6 = \mu ; o = : \grave{e} \phi 9' = R^{27} \cdot 9 \bullet = ,^{\circ} 3 j 5 \div = + U f T\acute{u} =)^{\circ} \emptyset = (- o, \grave{a} = C\check{s} 8\hat{A} = M^{\cdot} : \ddot{o} = f$

$P\text{þ}, \grave{a} \zeta \tilde{O} \zeta 9\neq (\ddot{Y} \text{Æ} 8\hat{U} o = _ 8\zeta 2 \zeta = \$ 1 / , = \acute{e} D \dagger = 9 \emptyset = 0\mu \grave{u} 9 \grave{e} =] M^{\cdot} , = M^{\cdot} U =$

$Ce M = U9e9 = \$ B | o = : " = \hat{A} 6\ddot{u} 2 \zeta = ") (' @ = K, * 7 \zeta \frac{1}{4} @ 9\neq (\ddot{Y} \text{Æ} 1 / , = 3a8\zeta f$

7 = H : 8\zeta = ,^{\circ} 38 \zeta < \acute{y} 8B9 \bullet = H ^ 2 =] > v < = C [G\check{s} 9 \bullet = P\phi \grave{u} = P\phi U \mu 9 = 3a9 \bullet = 7 T\acute{u} F >

3. $\hat{A} \cdot r9\neq (\ddot{Y} \tilde{O} \sim = \hat{E} + \wedge ,^{\circ} 8 B \& i >$

K69B » i L

1. \$; \# 9\neq,^{\circ} a \bullet = \tilde{O} \sim = q''\tilde{n} + \hat{u}A \div = < 2 \pm = \mu + \wedge \# E >

2.) 7\hat{A} = . " = 6 \dagger = E \hat{a} 9 \bullet = T\acute{u} 8\beta = T\acute{u} F = T\acute{u} = U\tilde{i} 6\ddot{u} = H K, 8\zeta = F 6 = \mu ;

$o = : \grave{e} \phi 9' = R^{27} \cdot 9 \bullet = ,^{\circ} 3 j 5 \div = + U f T\acute{u} =)^{\circ} \emptyset = (- o, \grave{a} = C\check{s} 8\hat{A} = M^{\cdot} : \ddot{o} = f P\text{þ}, \grave{a}, ^{\circ} 9\neq] =$

$\tilde{O} \sim = q''\tilde{n} + \hat{u}A \div = n + \wedge Gf C = + \wedge \# + \wedge H = \mu + \wedge \# E \cdot r \tilde{O} + \wedge H^a a ? \cdot \& i >$

3. $8\hat{U} o = _ 8\zeta 2 \zeta = \$ 1 / , = \acute{e} D \dagger = 9 \emptyset = 0\mu \grave{u} 9 \grave{e} =] M^{\cdot} , = M^{\cdot} U = Ce M = U9e$

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 JÚ = 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. JÚ = 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 Ý ! =
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 = Ý ! = 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• =-õTÛ =: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• =-õTÛ =: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 = £" (=TÛ8ó 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 = <Ý 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 == <Ý = 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,°(-&ĩ ÇLš · L Á ÂM"Lš · L Á6Â ´9¥,°9¥* < œ(-&ĩ >

3. ¼@ F?] M %oLq ã9¥,°(-&ĩ 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,°(-&ĩ ÇLš · L Á ÂM"Lš · L Á6Â ´9¥,°9¥* < œ(-&ĩ >

3. F?] M %oLq ã9¥,°(-&ĩ 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,° ' +^(-&ĩ 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,° ' +^(-&ĩ j À Ê+^ >

´ w µ Í6ô @7°3V9¥

K69B -\$ = L

1. Â § %oLq ã9¥,° 0 b ' +^ Â j À Ê+^ = C8¥ Ê Â+^9¥# E ÁN¯ >

2. 'Õ ¿ Ú ý9 Í ÂG•8ú D,° ' +^(-&ĩ >

3. ¼@ 9¥(ÿ / § Â §2 Ð Á %o,°F?] Ê+^ >

K69B » ĩ L

§ %oLq ã9¥,° 0 b ' +^ Â j À Ê+^ = C8¥ Ê Â+^9¥# E ÁN¯ >

2. Ú ý9 Í ÂG•8ú D,° ' +^(-&ĩ >

´ 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¥* < '+^(&ï 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¥* < '+^(&ï Â j À Ê+^ >
3. ¼@ c Ø6ü.çG¥G¬ Ç I9¥ P ~ U† = _ á,° D = Ö ; ... =.) •ç+h =5Ä (7ÜG¥1•,°9¥* < '+^(&ï 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¥* < '+^(&ï Â j À Ê+^ >
4. c Ø6ü.çG¥G¬ Ç I9¥9¥* < '+^(&ï 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¥* < '+^(&ï 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¥* < '+^(&ï 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¥* < '+^(&ï 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 H₁ %Lq ã9¥,°9¥* < '+^ >
2. 'Ö ¿H₁ %Lq ã9¥,° j À Ê+^ = C8¥ Ê >
3. ¼@ H₁ %Lq ã9¥,° '+^ >

K69B » ï L

1. H₁ %Lq ã9¥,°9¥* < '+^ = j À Ê+^ C8¥ Ê >
2. H₂ %Lq ã9¥,°9¥* < '+^ >

´ Â w 6 µ ñ § 8 %Lq](ÿC^,°9¥(ÿ

K69B -\$ = L

1. ¼@ f M7°3V2± =>v l3V =,³ ?'% ñ \$ í9¥,°(-&ï Â Ê+^ >
2. ¼@ 5-5Ö8"70 %Lq ð9¥ Â \$ í x,°(-&ï Â Ê+^ >
3. ¼@ P6ó2±8 %Lq](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 %Lq ð9¥ Â \$ í x,°(-&ï Â Ê+^ >
3. P6ó2±8 %Lq](ÿC^ />v1x ©% 6Â,° '+^ >
4. 6"] L"d = D 6"] L"d ? ©9¥(ÿ,°(-&ï >

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

K69B -\$ = L

1. Â JïFPF%Lq% 9¥,° q?.9¥* < '+^ = j À Ê+^ C8¥ Ê >
2. 'Ö ¿JðFPF%Lq% 6 t9¥ ÂJðFPF%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. JðFPF%Lq% 6 t9¥ ÂJðFPF%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. 'Ö ¿ p ù9-,°9¥* < '+^ = '+^ p l = j À Ê+^ = C8¥ Ê ñLh"ñ Ö Ö >
3. ¼@ ñ "ñ+í ~] ù Ö 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 Ö Ö >
3. ñ "ñ+í ~] ù Ö C ž9¥(ÿ,°"ñ+í E • >

´ Â w µ íQ >v Á9¥

K69B -\$ = L

1. $\hat{A} \text{ } \acute{I}Q >v \acute{A}9\text{\textcircled{\textcircled{Y}}},^{\circ} <2\pm \neg >\text{\textcircled{\textcircled{z}}9\text{\textcircled{\textcircled{L}}f} \acute{A} \text{' + }^{\wedge} = \text{' + }^{\wedge} p | = j \acute{A} \acute{E} + \wedge \text{ } q?$
C8\text{\textcircled{\textcircled{Y}}} \acute{E} >

2. $\frac{1}{4} @ \acute{I}Q >v \acute{A}9\text{\textcircled{\textcircled{Y}}},^{\circ} > * < \mu + \wedge \acute{O} O >$
K69B » ĩ L

1. $\acute{I}Q >v \acute{A}9\text{\textcircled{\textcircled{Y}}},^{\circ} <2\pm \neg >\text{\textcircled{\textcircled{z}}9\text{\textcircled{\textcircled{L}}f} >$

2. $_ u \text{L}f \acute{A}9\text{\textcircled{\textcircled{Y}}} = \text{J} \ddot{\text{I}} \$ \acute{I} x = \text{ } \text{\textcircled{\textcircled{\text{S}}}} \text{ } \% \text{L}q \acute{a}9\text{\textcircled{\textcircled{Y}}} = 6\hat{o}3V \rightarrow v1 \times 3] V3V315 \text{ } \text{\textcircled{\textcircled{\text{C}}}} \text{ } 19\text{\textcircled{\textcircled{Y}}} = \text{ } \text{\textcircled{\textcircled{\text{I}}}} \text{ } \% \text{L}q \acute{a}9\text{\textcircled{\textcircled{Y}}} \Rightarrow v1 \times \ddot{\text{Y}} V9\text{\textcircled{\textcircled{Y}}} = c \emptyset] \text{' } 5 \text{ } \text{\textcircled{\textcircled{\text{C}}}} \text{ } 19\text{\textcircled{\textcircled{Y}}},^{\circ} \text{L}f \acute{A} \text{' + }^{\wedge} = \text{' + }^{\wedge} p | = j \acute{A} \acute{E} + \wedge \text{ } q?$
C8\text{\textcircled{\textcircled{Y}}} \acute{E} >

3. $\acute{I}Q >v \acute{A}9\text{\textcircled{\textcircled{Y}}},^{\circ} > * < \mu + \wedge \acute{O} O >$

$\acute{A} w \acute{E} \mu \acute{I} \acute{u}5 , 9\text{\textcircled{\textcircled{Y}}}$

K69B -\$ = L

1. $\hat{A} \text{ } n? \div \acute{I} \acute{u}5 , 9\text{\textcircled{\textcircled{Y}}},^{\circ} 9\text{\textcircled{\textcircled{Y}}} * < \text{' + }^{\wedge} = \text{' + }^{\wedge} p | = 9\text{\textcircled{\textcircled{Y}}} (\ddot{\text{Y}} \cdot L^* ,^{\circ} 6\hat{S} > \acute{E} + \wedge >$

2. $\acute{O} \text{ } \text{\textcircled{\textcircled{\text{z}}}} \text{ } \acute{I} \acute{u}5 , 9\text{\textcircled{\textcircled{Y}}},^{\circ} j \acute{A} \acute{E} + \wedge = C8\text{\textcircled{\textcircled{Y}}} \acute{E} >$

K69B » ĩ L

$n? \div \acute{I} \acute{u}5 , 9\text{\textcircled{\textcircled{Y}}} <2\pm = 9\text{\textcircled{\textcircled{Y}}} * < \text{' + }^{\wedge} = \text{' + }^{\wedge} p | = j \acute{A} \acute{E} + \wedge = C8\text{\textcircled{\textcircled{Y}}} \acute{E} \quad 9\text{\textcircled{\textcircled{Y}}} (\ddot{\text{Y}} \cdot L^* ,^{\circ} 6\hat{S} > \acute{E} + \wedge >$

$\acute{A} w \text{\textcircled{\textcircled{\text{E}}}} \mu \acute{I} \acute{u} \acute{A} g n9\text{\textcircled{\textcircled{Y}}}$

K69B -\$ = L

1. $\hat{A} \text{ } \acute{I} \acute{u} \acute{A} g n9\text{\textcircled{\textcircled{Y}}},^{\circ} <2\pm$

2. $\frac{1}{4} @ \text{ } n + \wedge \acute{I} \acute{u} \acute{A} g n9\text{\textcircled{\textcircled{Y}}},^{\circ} 9\text{\textcircled{\textcircled{Y}}} * < \text{' + }^{\wedge} = j \acute{A} \text{' + }^{\wedge} \text{ } C8\text{\textcircled{\textcircled{Y}}} \acute{E} >$

K69B » ĩ L

1. $\acute{I} \acute{u} \acute{A} g n9\text{\textcircled{\textcircled{Y}}},^{\circ} <2\pm$

2. $n + \wedge \acute{I} \acute{u} \acute{A} g n9\text{\textcircled{\textcircled{Y}}},^{\circ} 9\text{\textcircled{\textcircled{Y}}} * < \text{' + }^{\wedge} = j \acute{A} \text{' + }^{\wedge} \text{ } C8\text{\textcircled{\textcircled{Y}}} \acute{E} >$

$\acute{A} w 9 \mu \acute{I} \text{\textcircled{\textcircled{\text{b}}}} ? 2 \hat{U} m. \text{\textcircled{\textcircled{\text{c}}}} L9\text{\textcircled{\textcircled{Y}}}$

K69B -\$ = L

1. $\hat{A} \text{ } \acute{I} \text{\textcircled{\textcircled{\text{b}}}} ? 2 \hat{U} m. \text{\textcircled{\textcircled{\text{c}}}} L9\text{\textcircled{\textcircled{Y}}} <2\pm$

2. $\acute{O} \text{ } \text{\textcircled{\textcircled{\text{z}}}} \text{ } \text{L}f \text{ } \text{\textcircled{\textcircled{\text{TC}}}} \hat{A} \text{L}D\text{L},^{\circ} 9\text{\textcircled{\textcircled{Y}}} (\ddot{\text{Y}} \text{ } \text{L}f \text{ } \text{\textcircled{\textcircled{\text{TG}}}} \hat{A} \text{V}L\text{D}\text{L},^{\circ} 9\text{\textcircled{\textcircled{Y}}} (\ddot{\text{Y}} ,^{\circ} 9\text{\textcircled{\textcircled{Y}}} * < \text{' + }^{\wedge} = j \acute{A} \acute{E} + \wedge = q?$

C8\text{\textcircled{\textcircled{Y}}} \acute{E} >

K69B » ĩ L

1. $\acute{I} A S9\text{\textcircled{\textcircled{Y}}},^{\circ} <2\pm ,$

2. $\text{L}f \text{ } \text{\textcircled{\textcircled{\text{TC}}}} \hat{A} \text{L}D\text{L},^{\circ} 9\text{\textcircled{\textcircled{Y}}} (\ddot{\text{Y}} \text{ } \text{L}f \text{ } \text{\textcircled{\textcircled{\text{TG}}}} \hat{A} \text{V}L\text{D}\text{L},^{\circ} 9\text{\textcircled{\textcircled{Y}}} (\ddot{\text{Y}} ,^{\circ} 9\text{\textcircled{\textcircled{Y}}} * < \text{' + }^{\wedge} = j \acute{A} \acute{E} + \wedge = q? \text{ } C8\text{\textcircled{\textcircled{Y}}}$

\acute{E} >

$\acute{A} w \text{ } j \mu _ u9\text{\textcircled{\textcircled{Y}}} D7g \text{" } j9\text{\textcircled{\textcircled{Y}}}$

K69B -\$ = L

1. $\hat{A} \text{ } _ u9\text{\textcircled{\textcircled{Y}}},^{\circ} , + <2\pm >$

2. $\acute{O} \text{ } \text{\textcircled{\textcircled{\text{z}}}} \text{ } \text{Q} \sim _ u9\text{\textcircled{\textcircled{Y}}} \cdot \text{" } 2 \text{\textcircled{\textcircled{\text{C}}}} ,^{\circ} \% \text{\textcircled{\textcircled{\text{o}}}} \text{ } \text{\textcircled{\textcircled{\text{E}}}} \acute{y} 0 A = 9\text{\textcircled{\textcircled{Y}}} * < \text{' + }^{\wedge} = \text{' + }^{\wedge} p | = j \acute{A} \acute{E} + \wedge = C8\text{\textcircled{\textcircled{Y}}}$

$\acute{E} \text{ } \text{\textcircled{\textcircled{\text{C}}}} \text{ } c \sim _ u9\text{\textcircled{\textcircled{Y}}} \pm 2\pm = \text{ } \text{\textcircled{\textcircled{\text{C}}}} \text{ } \sim _ u9\text{\textcircled{\textcircled{Y}}} = \delta \text{ } \text{\textcircled{\textcircled{\text{G}}}} \text{\textcircled{\textcircled{\text{Y}}}} ,^{\circ} 9\text{\textcircled{\textcircled{Y}}} * < \text{' + }^{\wedge} = \text{' + }^{\wedge} p | = j \acute{A} \acute{E} + \wedge = C8\text{\textcircled{\textcircled{Y}}}$
\acute{E} >

3. $\frac{1}{4} @ 7g \text{" } j9\text{\textcircled{\textcircled{Y}}},^{\circ} , + = j \acute{A} \acute{E} + \wedge >$

K69B » ĩ L

1. $_ u9\text{\textcircled{\textcircled{Y}}},^{\circ} , + <2\pm =$

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 > 18CD3A020592 > -10 < 2B5E40CID 70 > 9B1

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] ñ =M^: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] ñ =M^:ö3V2± „ , ,° Í+Ö '+^ = '+^ p l = j À Ê+^
C8¥ Ê >

´ w 9 µ Í ñ]6ö,Z9¥

K69B -\$ = L

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

2. ¼@ Í ñ]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 OïB|3V2± L >(ÿ,°5 °(-&i = <2± ≠ ?·* < L]C^ = öAü i# Â# Bg(· >
2. 'Ö ¿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 » i L

1. 9% O3V2± L >(ÿ,° Ð • D <2± >
2. 1¶ (9% O3V2± L >(ÿ,°5 °(-&i >ž L >(ÿ
3. OïB|3V Â ^783V2± L >(ÿ,°5 °(-&i D <2± >
4. OïB|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. OïB|3V Â ^783V2± L >(ÿ,° öAü i# Æ* < L öAü Â8"Bg öAü >
6. OïB|3V Â ^783V2± L >(ÿ,°# Bg(· ÆUV = IR = ¹H-NMR ¹³C-NMR = MS >

Ê μTúG²± L >(ÿ

K69B -\$ = L

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

K69B » i L

1. TúG²± L >(ÿ,° Ð • = < 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 = ¹H-NMR ¹³C-NMR = MS >

£ μ:R2± Â ["i

K69B -\$ = L

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

K69B » i L

- 1.:R2± L >(ÿ,° , + = < 9 Â5 ° D <2± > ["i,° Ð • = < 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 Ð] >
- 4.:R2± L >(ÿ,° öAü i# Æ* < L öAü = 8"Bg öAü > ["i,° öAü i# Æ68b ö = * < L n i# • Ð = L œ n i# • Ð = Î73 H² Ð i# = 8"Bg öAü >
- 5.:R2± L >(ÿ,°# Bg(· ÆUV = ¹H-NMR ¹³C-NMR = ¬ ¹NMßg = •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 ö Aü,° 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. 'Ö ¿ MÙC^,° <2± >
3. ¼@ MÙC^,° < 9 = Ö ~ # Bg(· · >

K69B » ï L

1. MÙC^2± L >(ÿ a • = < 9 Ö ~ >
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 ¹³C-NMR = ¬ 'NMßg >

´ w 6 µ ¬ F <

K69B -\$ = L

1. 'Ö ¿ 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,° Ö ~ >

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 Ö ~ >

´ 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 = Ö* < >
3. 'Ö ¿ 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 = Ö* < >
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. 'Ö ¿ 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# >

