

福萊特玻璃集團股份有限公司

FLETCHER GLASS GROUP CO., LTD.

(a public company limited by shares incorporated in the Republic of China (Taiwan))
(Stock Code: 06865)

Appendix A – Filing Guidelines

Chapter 1 General Provisions

Article 1 The Articles of Association of Filing Guidelines (hereinafter referred to as the "Articles") are hereby adopted by the shareholders of Filing Guidelines (hereinafter referred to as the "Company") at the shareholders' meeting held on December 29, 2005, and the Articles shall be effective from the date of adoption. The Articles shall be subject to the provisions of the Company Law of the People's Republic of China (hereinafter referred to as the "Company Law") and the relevant provisions of the Securities Law of the People's Republic of China (hereinafter referred to as the "Securities Law"). The Articles shall be subject to the provisions of the Company Law of the People's Republic of China (hereinafter referred to as the "Company Law") and the relevant provisions of the Securities Law of the People's Republic of China (hereinafter referred to as the "Securities Law"). The Articles shall be subject to the provisions of the Company Law of the People's Republic of China (hereinafter referred to as the "Company Law") and the relevant provisions of the Securities Law of the People's Republic of China (hereinafter referred to as the "Securities Law").

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Article 2 Definitions of Terms:

Company: Filing Guidelines Group Co., Ltd.

English Name: FLAT GLASS GROUP CO., LTD.

Article 3 Address of the Company: No. 1999, Yantai Road, Jiaozhou Bay, Zibo City, Shandong Province;

Postal Code: 2514001;

Telephone Number: (86573) 82793999;

Facsimile Number: (86573) 82793015.

A 4 T r a f f i c a f C u a c a m a f b a d f

(VI) C f C a ' , d c b b d a ;

(VII) O a a d b a d a a a a d a d b
c a d S a C c .

I a c f a b C a a b b c a a a c f d
A c f A c a a d f a c d c f d a a d
a a a f P R C a d a c f f a f C a .

T C a a a c a f d c a a f a c a
d c a a d c a a d a a a a d a a
a c a f .

A 22 S a a c f d b a , a d a
d b H K S c E c a , C a ' a a b a f d
f a d a b b c a .

T a f f C a ' a a b d a c a a d
b C a . T C a a a a c a d c f c a f
a ; f b c , c a a f f a d a a f a

Cítil 4 Cítil Rv tññ Rv tññ tññ

A₄ 24 T C_ua_u d c_u d c_u a_u acc d a c_u A₄ f A₄ c_u . T C_ua_u a_u d c_u d c_u a_u r a_u C_ua_u La₄, a_u a_u a_u a d_u A₄ f A₄ c_u .

A₄ 25 T C_ua_u a_u a_u a_u a b a a c_u a d a_u f_u d c_u d c_u a_u .

T C_ua_u a_u f a c d_u 10 da af ad_u f_u d c_u d c_u a_u a d_u a_u a_u c_u a_u 30 da . T c d_u a_u a_u C_ua_u a d b_u c_u d_u a_u f d b_u a_u 30 da af c_u f_u c_u 90 da af f_u a_u c_u f_u c d_u a_u c_u d_u c_u .

T C_ua_u d c_u a_u a_u , d c_u c a_u , b_u a_u a_u .

A₄ 26 T C_ua_u , f_u c c_u a c_u , b_u bac_u a d_u a_u f_u a_u c d_u c f d_u A₄ f A₄ c_u , ad_u a_u a_u , L_u R_u a d_u a_u a f_u a_u a_u f_u a_u :

- (I) W_u c a c_u a_u f_u d c_u d c_u a_u f_u C_ua_u ;
- (II) W_u c_u c_u a_u d_u a_u f_u C_ua_u ;
- (III) W_u a_u E_u S a O_u P a a_u a_u a_u d_u ;
- (IV) W_u a_u d_u b c_u f_u a_u c c_u a_u d_u f_u C_ua_u C_ua_u b_u a_u ;
- (V) W_u a_u c_u b b d_u d b_u C_ua_u ;
- (VI) W_u c_u a d b_u C_ua_u c_u a_u a d_u a_u d_u ;
- (VII) I_u c c_u a c_u a d b_u a_u a d a d_u a_u a_u .

E c_u d_u a b_u c c_u a c_u , C_ua_u a_u a_u a_u a_u a c_u f_u c a_u f_u a_u .

A₄ 27 T C_ua_u c a_u a_u a_u f_u f_u a_u a_u a b_u a_u a_u f_u a_u :

- (I) I_u a_u c a_u f f_u a_u a_u d_u a c c d_u a_u a_u c_u a_u ;
- (II) B_u a_u bac_u a_u a_u a_u a c_u c_u a_u ;

A 30 U C a d a , C a a b
f a b a d a :

(I) If C is a $\mathbb{C}$ -algebra, $a, b, c, d \in C$ and $a^2 = a, a^2b = ab^2, a^2c = ca^2, a^2d = da^2$, then $a^2d = da^2$.

(II) If $C \cup a_1, c a_1 a_2 ab$, $a_1 a_2, a_1 a_2 a_3$,
 $a_1 a_2 a_3 a_4, a b d d e d f$, b , $b a a c$, f , d , b , ab ,
 $f a d$, $c d f$, $a c f$, $a f b$, $b a c$, $d a$;
 $c d$, $a a$, $a b$, $c d a f$:

1. D d c d f ~~u~~ b ba a c f d b ab f f C ~~u~~ a
f a c a d ~~u~~ da a a ;

2. D d c d f $\frac{1}{2}$ b ba a c f d b ab f f C $\frac{1}{2}$ a
a d c d f $\frac{1}{2}$ a c f $\frac{1}{2}$ a f b bac d a
f a c a d $\frac{1}{2}$ da ab a a ; b a a
d d c d f $\frac{1}{2}$ c d f $\frac{1}{2}$ a c f $\frac{1}{2}$ a a c d
a a ba da f a c f a c a d
a d a c d a (c d f f a c f
 $\frac{1}{2}$ a) a acc (ca a acc) f
C $\frac{1}{2}$ a a f c a ;

(III) T $\begin{smallmatrix} \text{u} \\ \text{f} \end{smallmatrix}$ a d b C $\begin{smallmatrix} \text{u} \\ \text{f} \end{smallmatrix}$ a f f $\begin{smallmatrix} \text{u} \\ \text{f} \end{smallmatrix}$ a b d d c d
f $\begin{smallmatrix} \text{u} \\ \text{f} \end{smallmatrix}$ d b ab f f C $\begin{smallmatrix} \text{u} \\ \text{f} \end{smallmatrix}$ a :

1. Acetone is a colorless liquid with a strong, characteristic odor.

2. C a r t e s i n c a c : ac :

3. Ca c _____, _____ b, a _____, d _____ a _____, c a c _____ ac.

(IV) Af $\frac{a}{f}$ $\frac{a}{f}$ $\frac{ca}{c}$ $\frac{d}{a}$ $\frac{dd}{c}$ $\frac{df}{f}$ $\frac{dca}{a}$
 $\frac{f}{f}$ C $\frac{a}{a}$ $\frac{a}{a}$ $\frac{a}{a}$ $\frac{a}{a}$ $\frac{a}{a}$ $\frac{dd}{c}$ $\frac{df}{f}$
 $\frac{d}{b}$ $\frac{ab}{f}$ $\frac{f}{f}$ $\frac{a}{a}$ $\frac{a}{a}$ $\frac{a}{f}$ $\frac{a}{a}$ $\frac{ca}{d}$ $\frac{a}{b}$
 $\frac{a}{d}$ $\frac{a}{a}$ $\frac{a}{a}$ $\frac{acc}{c}$ $\frac{ca}{a}$ $\frac{acc}{c}$ $\frac{f}{f}$ C $\frac{a}{a}$.

Chapter 5: From the American Revolution to the Civil War

A 31 T C a , b d a a a a a f
d a f a c a a a c , c a a a c a f C a
a . T a f a d , c a c d d c d c , d a ,
b a b c a f c a f C a ' a .

T C u a , b d a a a a u a f u d a
f a c a a a c a f a d b , f , f d c , d c a ,
b , a .

T f d a c c u a c , A c 33 f
C a :

A 32 F a c a a a c f d C a a c d (b
d) f :

(I) G f ;

(II) G a a (c d , c a a a a d a a b d
f f f b a b b), c a a
(c d , c a a f C a a a f a), a a a
f ;

(III) P f a c f c a c d c C a a f f
b a a a , c a f a d a a d a
c a c , a d a f f a d a a d d c a c ;

(IV) P f a f f f f a c a a a c C a a
, a a a a d c a f c a .

Ob a f d a c d b a d b
f a c a c a a a a (a d a d c a c
a a , f c a b a d a b b d d a
a) f c a , f a c a a a f .

A 33 T f a c a d u d a b d d A c 31 f
C a :

(I) T C a d a f a c a a c f a f
f C a a d a d f a c a a a c a a d d f
c a f C a a a a d f a c a a a c a f a
a a a f C a a ;

(II) T C a d b a d d d a c c d a c a ;

(III) T C a d b a a d d d ;

(IV) T C a d c d c a a , b a b a c a a d a d ,
a d , c a c c d a c A c f A c a ;

(V) T C a , a b a c , d a f a b
a a (b a c f a c a a a c a a a d c a
a f C a a , d f c a a d c a , c f a c a a a c
f d b a b f f C a a) ;

(VI) T C a d a f a c a (b a c
f a c a a a c a a a d c a a a f C a a ,
d f c a a d c a , c f a c a a a c f
d b a b f f C a a) .

C 11.6 11.6.1 11.6.2 11.6.3 R 11.6.4

A 34 A S a c fca f c fca d c a a
db C a a db a d c c d. T C a a a a
a d a .

Ma c f d C a a a c fca a c d :

(I) C a a a ;

(II) Da f c a f C a a ;

(III) S a d a a d add ;

(IV) Ca f a db ac a d , a a a d b f a
d ;

(V) S a b f a c fca db ac a d a d da
c a a ac d ;

(VI) O a b c f d a C a La, S ca P ,
R 19A.52 f L , R f S c E ca r a d a db
c ca c C a a a a d .

D a d a - d f a a d H , K ,
S c E ca r , C a a a d c a d c fca
fa a d H , K , S c E ca r (c d a - d f
a c a d H , K , S c E ca r) a c d f ,
a a , a d a c a d a a a c a b c ,
c a a f f a d a a f a d d a d ,
a d a d d a d a b d a d a a d
a a d a , c a c d f , a a :

(I) T a c a a C a a d ac f a d ,
a d C a a a ac a d b a d c a
C a a La, S ca P , a a , ad a
a a d A c f A ca .

(II) T a c a a C a a d ac f C a a
a d , d c , a a a a d a a a ,
a d C a a ac b a f a d f ac d c ,
a a a a d c a a c a d , f
a d c a a f A c f A ca f
b a c f d C a La a a
ad a a a c C a a a ffa a b a
acc da c A c f A ca , a d a a f c a b a
a b d a a b a b a c d c a , b c a ,
a d , b a b a a d , a d a b a a d
a b f a a d c c .

A c f f f f d f a - d f a a b ad
 a a ab a C a d c ; a d f a c a a a
 a a d c f f d f a - d f a a
 c .

I a c d a a d c f f d f
 a - d f a a c , a a a .

A 40 T C a a a c a d ' .

T a d ' a c d f a :

(I) S a d ' a d c f C a , a a c f d
 (II) a d (III) ;

(V) If $\vdash a \vdash a \vdash d d \vdash b \vdash a f \vdash d \vdash d$, $\vdash b \vdash f$
 $\vdash d \vdash a \vdash d \vdash a \vdash c d f$; $a d$

(VI) $\vdash a \vdash a \vdash a \vdash b c \vdash f a \vdash c a$.

$\vdash d \vdash C a \vdash f \vdash a \vdash a f \vdash f a$, $\vdash a$, $\vdash$
 $\vdash f \vdash da \vdash f \vdash a a \vdash ca \vdash f \vdash a f$, $\vdash d \vdash a f \vdash a d$
 $\vdash a f \vdash a \vdash c a \vdash f a f \vdash a \vdash f \vdash c a f$.

$\vdash a f \vdash f a \vdash a \vdash d f \vdash a \vdash d \vdash H \vdash K \vdash a b \vdash c \vdash d$
 $\vdash a \vdash a f \vdash a \vdash a \vdash c \vdash f \vdash a \vdash a \vdash f \vdash a$
 $\vdash a d b \vdash b a d f d \vdash c$; $\vdash a d a f \vdash a \vdash a b \vdash d b \vdash a d$
 $\vdash a$. If $\vdash a f \vdash a f \vdash a c \vdash d c a$, $\vdash$ (R c $\vdash d$
 $C a \vdash H \vdash -$) $\vdash f a d f \vdash d \vdash S c \vdash a d F \vdash O d a c$
 $(C a \vdash 571 f \vdash La \vdash f H \vdash K \vdash)$, $\vdash a f \vdash f \vdash a b \vdash d b \vdash a d$.
 $\vdash a f \vdash a b \vdash a \vdash a \vdash a d \vdash f \vdash C a \vdash a \vdash a c$
 $\vdash a d b \vdash b a d f d \vdash c \vdash f \vdash$.

A 43 $\vdash N \vdash a \vdash d b \vdash a \vdash c a b \vdash a f \vdash d \vdash 1 \vdash a f$
 $\vdash a b \vdash f \vdash C a$. $\vdash a \vdash a \vdash a d \vdash 0 \vdash b \vdash b \vdash c a f$ If $\vdash$

(IV) $\Delta \mu_{\text{H}_2\text{O}} = \Delta \mu_{\text{H}_2\text{O}}^{\text{f}} - \Delta \mu_{\text{H}_2\text{O}}^{\text{a}}$, $\Delta \mu_{\text{H}_2\text{O}}^{\text{f}} = \Delta \mu_{\text{H}_2\text{O}}^{\text{f}} - \Delta \mu_{\text{H}_2\text{O}}^{\text{a}}$
 $\Delta \mu_{\text{H}_2\text{O}}^{\text{f}} = \Delta \mu_{\text{H}_2\text{O}}^{\text{f}} - \Delta \mu_{\text{H}_2\text{O}}^{\text{a}}$, $\Delta \mu_{\text{H}_2\text{O}}^{\text{f}} = \Delta \mu_{\text{H}_2\text{O}}^{\text{f}} - \Delta \mu_{\text{H}_2\text{O}}^{\text{a}}$
 $\Delta \mu_{\text{H}_2\text{O}}^{\text{f}} = \Delta \mu_{\text{H}_2\text{O}}^{\text{f}} - \Delta \mu_{\text{H}_2\text{O}}^{\text{a}}$, $\Delta \mu_{\text{H}_2\text{O}}^{\text{f}} = \Delta \mu_{\text{H}_2\text{O}}^{\text{f}} - \Delta \mu_{\text{H}_2\text{O}}^{\text{a}}$.25 T

(3) R... f... a... f... d... a... ca... a... f... C... a... ;

(4) R... f... a... a... a... ,... b... f... a... ,a d... ,... a d...
 ... c... f... ac... ca... f... a... ,... ca... db... C... a...
 ... c... a... f... ca... a... ,a d... a... ,... a db... C... a...
 f... ;

(5) C... f... f... c... a... b... d... ;

(6) T... a... a d... d f... a... ca... a... f... C... a... ,a d...
 ... f... b a d... f d... c... ,a d... a d b a d... f... ;

(7) C... f... a... a... a... c... f... d...
 a d c... c... a... f... C... a... c... a... ;

(8) M... f... r... a... (f... c... f... a... d...).

T... C... a... a... a... H... ,K... add... d... c... a... f... d... (1)
 (8) ab... (c... d... (2)) a d a... a... cab... d... c... a... ,... f...
 L... ,R... f... S... c... E... c... a... f... f... c... f... b... c a d... a... d... .

(VI) I... f... a... ,da... f... C... a... ,... a... c... a...
 d... b... f... a... ,a... f... C... a...
 a... d... ;

(VII) F... a... d... b... c... ,... f... r... a... a... ,c... c... ,
 ... ,... d... f... C... a... ,... C... a... b... a... ;

(VIII) T... a... d... a a... a... a... a... d... ,... a... c... f...
 a... f... C... a... a... a... ,... b... a... a...
 ... b a d... f d... c... ,da... a d a c... ;

(I) T... c... r... c f... d b... a... ,ad... a... ,... a... a d...
 A... c... f... A... ca... .

A... 52 I... a a... a... d... a... acc... a... f... a...
 a d... c... b... d... A... c... 51 f... A... c... f... A... ca... b a... f... a... ,... a...
 d a... d c... C... a... ,... ca... a d... ,... b... f... a... f...
 C... a... d... S... c... f... a... a... b... d d... a... d a... ,...
 af... C... a... f... d... f... a... d... .

A... a... d... a... f... c... f... d... a... b... a... C... a...
 a d... c... c... ,... ab... d... ,... a d a... ab... c...
 f... a... .T... a... d... a... b a... ab... f... c... a... ca... f a...
 da... ca... d... C... a... .

A.1 53 T d a a a d f C a a a f , b , a :

(I) T b A c f A c a ;

(II) T a , b c f d a a a , b c b d a d a d f , b c ;

(III) S a a d a a a d c a c b d b a a d a a a ;

(IV) S a a b a a a d a a a f C a a a d , a b a a a a f C a a a d a b f a d a a a f c d ;

A a d a b a a d ' , a a a C a a d a d , d b a b f c a a a c c d a c a .

S a d a b a a a a f C a a a d a b f a d , d c a f a b a d a a a f c d , d b a d a a d a b C a a .

(V) T f f b , a a d b a , a a a a d A c f A c a .

A a d d a b , a c b a c a a a b , a , b c b , d c d a c c d b a a f b c .

A.1 54 If a a d d , 5% a a f C a d a , a d C a a , a d a f , c c c .

A.1 55 T c a a d a c , a c f C a a a a a c a d a a a C a ' . If , c a d a a a C a , d b b f c a .

T c a a d a d a c , a c a f d c a d a d a C a a d a d d , b c c a a f C a . T c a a d d c c a c a c b . T c a a d a a a f d c a d b f f , c c , f a , a a , a a a f a , b a , d a a a f a a a f C a a d a d f , b c c a . T a a a f c a a a a a a f C a a d a d f , b c c a .

A. 56 Sa f b a , d a , ad a a
L R f S e e a , c a d , c
a a d , a a a d c d a f a
a d a a f c f f :

(I) E d c a d , f b a ac
b f C a d fa ;

(II) A d c a d , (f f)
f C a a a a , c d r (b d) a
fa f C a ;

(III) A d c a d , (f f)
f a d a a d , c d r (b d) a
f d b a d , b c d r
c a a , b d f ad a a a a
A c f A c a .

A. 57 A c a d , a f d c d , a
f f a f f , c d :

(I) W ac , a ac , c c , c a , ca
c a a f f C a ' d c ;

(II) W ac , a ac , c c , c a , ca
c a 30% (c) f f C a
c c f a 30% (c) f
C a ;

(III) W ac , a ac , c c , c a , d
a 30% (c) f a d a f C a ;

(IV) W ac , a ac , c c , c a , a
d fac c f C a b d .

T ac , c - a a c c d a , a
c d fa (r a d f a f) ac C a ' d
a f d ac a c a c
C a .

Chapter 8 Grammar

A 58 The a a a b a f a f C a a d a c f c a d a c c d r a.

A 59 A a a a c f f c a d :

(I) T d c d b a d a d a f C a ;

(II) T c a d a c d c a d d c d a a a a f d c ;

(III) T c a d a c a a a a a d d c d a a a a f ;

(IV) T a a a d a f b a d f d c ;

(V) T a a a d a f b a d f ;

(VI) T a a a d a a a f a c a b d a d f a a c c r a f C a ;

(VII) T a a a d a C a f d b a a d c a ;

(VIII) T c a d c f d c a a f C a ;

(I) T a , d , d , d a a f a f C a ;

() T a c f c a b d ;

(I) T a a , a a a f a a f a c c r f a b C a ;

(II) T a d A c f A c a ;

(III) T a a a d b a d a a a 3% (c) f a f C a ;

(IV) T c d a d a a a a a c b d A c 60;

(V) T a C a c a d a f a a a a a a d , 30% f a a f C a ;

(VI) T a a d a c a a f c d ;

A 62 G a u , a d d d a , a , a u , a d
a d a , a u , G a u , a b c d b b a d f
d c . A , a , a u , a b c d c a a u af
d f c d , f c a a .

I a f f  c c u a c , b a d f d c a c a
a d a , a   :

- (I) W... , ub f d c fa f u u u , ub db
C u a La [] a [] - d f r ub db A c
f A ca ;
- (II) W acc d f C u a au , - d f a a
ca a ;
- (III) W a d () d da d , 10% u f
C u a ' dad da da ca r r r ()
[] f c fa ad a , a u ;
- (IV) W b ad f d c d u c a b ad f ,
c a a da , a u ;
- (V) W u a af f d d d c c u ;
- (VI) I a c c u ac , a db a [] , ad u a r a ,
d a u a , L R ad A c f A ca .

T f a a b d c f C a
c f d c f a A a b c d c d
f f a c a d a d f I add
C a d a d a f c c f a c a b
a d A a d a c a a a af ad a
a b d d a b W C a c a a b
a a a d a a f b
a d c d d a a c f d a d a c a

During the summer, Celia [redacted] a [redacted] a [redacted]
for [redacted] a [redacted] ad [redacted] am:

- (1) $W_{\text{ad}} = \langle c d, f c, a d, d, c, c, c \rangle$
 $a, a, a d, a, a, a d, A, c, f A, c a$;
- (2) $W_{\text{ad}} = \langle a f c a, f, a, d a, a d, c, a, a f, a d$
 a_d ;
- (3) $W_{\text{ad}} = \langle c d, a d, a, a f, a d a_d$;
- (4) $O_{\text{ad}} = \langle a, a, d b, C, a \rangle$.

() T a a d b f a d , c a c f

A 65 T c f, a a b d d a d (a d a a a a) b a d a d b c a c a , C a a a d (c d , 61 c d c a , T adda f c f a a f a d . Ff a d f d a a a b d d b d f , b c a , c a , P b c a , c f d f c d , a a a , a b , b d f a c d f c f a a a a .

A 65

If $b a d f d c a$ is a permutation of $a d a r a$, a permutation of $a r a$, c is 5 days after $d c f b a d f d c$ and, c is a permutation of $f b a d f$, c is a permutation of $f c a$ (c is a permutation of a).

If bad f d c d a c a a d a r a a
 a 10 da f c a d d a b ad f
 d c ab f a f d d f c a a d a
 a a d b ad f a c a d d c
 a F a a c db b ad f a c a
 f a b b C a .

A 74 S a d ☒ c f a a d a a d
ca a d acc d f ☒ c d :

- (I) T a d () d d a d , a 10% f C a ' a (c) a a f a a d c b a d f d c c a a d a , a , c a , a , a d c f , b c f , T b a d f d c a , b a c d a c a a d a c a , a , 10 d a a f c f a f a d T a f a d a , f a d , c a c a d a d a d a d a .
- (II) If b a d f d c a c a d a a d ' , c a , , a c f a d ' , c a , 5 d a f d c f b a d f d c . If a c a , , a , c , , d b a d b a a d .
- (III) If b a d f d c d a c a d a a d ' , d 10 d a f c f , a d d d a , d , a 10% f a f C a a a d b a d f , d a a d a a d ' , a d , d b d b a d f , .
- (IV) If b a d f , a c a d a a d ' , a , a c f a d ' , 5 d a f d c f b a d f , . If a c a , , a , c , , d b a d b a a d . If b a d f , d , c f a d ' , c b d , a d a b a d f , c , a d d , a d ' , T a d d d a , d a 10% f a f a 90 c c d a c a c a d d , b , , c d f c , c , a , b , b a a c d f c , a , a , b b a d f d c .

W $\frac{1}{2}$ a d c a d d a a b c a b a d f d c a d b a d f, f a c a a a a f a d a a a a b c d a b b b C a a .

A 75 W C a c a a d ' a b a d f d c , b a d f a d a d () d d a d , a 3% f C a ' a a b d C a .

S a d () d d a d , a 3% f C a ' a a b a a a () c f b a d f d c 10 b d a b f a a d ' c d ; c a a a c f a d ' a c c f a a () da a f c f a d a () .

U d d c d , a a a , c a a a d a a c f a d ' a a , a d d a a a f a a c c f a d ' a a .

T () a a / a b c f a d ' a / a c a c A c 76 a b d d a a a .

A 76 P a f a d ' a a f a c d :

(I) T c a c a a a , a d a a a , A c f A c a a d a d a a d f a c c a a a a a c a a a d , a d a f a a f a a ;

(II) I a a a c a c a d c f c f c d a ;

(III) I a b b d d c f .

A 77 G a b c d b b a d f d c a d c a a f b a d f d c a d a . If c a a f b a d f d c a b f a f d , c c a a f b a d f d c a d a ; f c c a a a b f a f d , a a f f d c a c a d c c a d a c a c a a f .

If b a d f d c c a f a c a a , b a d f a d c a d d c a ; f b a d f c a f a c a d d a a a , a d d a d , a 10% f C a ' a f a 90 c c d a a b c a d a a . If f a a a d c a c a a f a a , a d (c d , f) d a a a a d a d a d .

A. 81 V... r a... a... a b c d c db... f a d, f... f... b... b f... af... b... f a d:

(I) C a... f...;

(II) A a... a... d...;

(III) O... a... d... b... a d..., 10%... f a... a... ca..., d d a..., a...;

U... a d... b... acc d... a... cab... c... a... a... c b d... c... a... a d..., c a... a a... c... f... b... f a d... a... c... a b... c d d... a c c d... d c, c f... b... c a... f... f... a a... a d a...;

T C... a d c... a... ca a... db... a..., ad... a... a... a... L... R... f... S c E c a... a d... L... R... f SSE.

T... f... b... ca b... d a... b...;

A. 82 If... d b... db... a... c... f c a... a... f..., b... a b c d c d... da...; c f... d b... db..., c a... a d c d... f... b... a d... a... c d c d... T... a... b d... da... a d a... a d...;

A. 83 R... d... db... C... a f A- a... a... A a... a... a... a... d (c d... f) d... d... ca a... a...;

A. 84 T... f c a d d a... f d c... a d... a b... b... d... a... d'... a a... a f... T... d a d... c d... f... a... f d c... a d... a a f...;

(I) T b a d f d c... a d a... d () d... d... a 3% f... C... a'... a... a... a c a d d a () f d c ();

(II) T b a d f d c..., b a d f... a d a... d () d... d... d... a 1% f... C... a'... a... a... a c a d d a () f... d... d... c ();

(III) T b a d f... a d a... d () d... d... a 3% f... C... a'... a... a... a c a d d a () f... () /a... a'... a ();

S a d (c d r f) a a d' u a
 f f c f ac a d b d : f , a a
 a b a . S c a a d c a a a d r f
 S c C c P r a b Ma a d a d H , K , a f
 f b f c a d f a . I c , f d , b
 c a a b d a ' a f , a d
 a d b c a b c d a a b .

T C a a , f f a f a d a d f
 a d' u , d c c a d a d r a a
 a a d a d c a , f f u d
 f a c a a c a a f .

T a a a b c d f f u d , a a
 , u d . T f c d d a a d
 c a f f a a .

A 87 T f , a a a b a d b d a a a
 a :

- (I) W f b a d f d c a d b a d f ;
- (II) P f d b a a d c a f a d b b a d f
 d c ;
- (III) A a d a f u b f b a d f d c a d
 u b f b a d f , a a a ,
 a a a d d f a f ;
- (IV) A , a b d , f a a c c , b a a c , f a a , a d f a c a
 a a f C a ;
- (V) Ma a a a d b a d b c a a a a
 a , a d a a , L , R f c c a ,
 a f C a a d A c f A c a .

A 88 T f , a a a b a d b c a a a
 a :

- (I) I c a d c a c a a f C a a d , f a
 f a c a , a a a d a c ;
- (II) I f b d f C a ;
- (III) D , , d , d a a f a f C a ;
- (IV) R f A c f A c a ;

Answer 92 If $\mathbf{b}$ is a column vector, $\mathbf{a}$ is a scalar, and $\mathbf{c}$ is a scalar, then $\mathbf{a} \mathbf{b} + \mathbf{c} \mathbf{b}$ is a column vector.

A 100 U d f c c a c , f a c a a d
a b d a b a d a b a d:

- (I) T c a d c a , b f a f c c a , c a
d c a , b f a f a c a a , d b ,
f a f c c a ;
- (II) T f f c a c a , f a a f a f c c a a f
a c a f f c a c a , f a a f a f a c a
a f c c a , a a a a d c a ;
- (III) T c a c d c a c c , d d d d c a d d d a a c d
a f a d c a ;
- (IV) T d c c a c a a c d a f a d c a f a
c d d d c d b f a a d a f
C a ;
- (V) T a d d , c a c d c a c a , , , a f
a c , a c a c a c f C a
a a c d a f a d c a ;
- (VI) T c a c d c a c a a a d b C a a
a c a c c a a c d a f a d c a ;
- (VII) T c a a c a f a , d b ,

Aut 101 T ca a d aff c d, d d d
a a, a u r, a b d a a ca u r.

A 105 A a f u d f ca f a , d f d u c
a a d a - d f , a a d u da a d f d f f ca .

S ca , c d f ca a d a a f ,
c c u a c :

A 107 D c a b c da, a a f a a f a ,
 c ab - c .T - c a f d d d c a
 c d a .

T a f f c f a d c a c a c f a da f a a ,
 f c f b a d f d c .I f a f f c f a d c
 b - c a a d , a d c a c a f a
 d a c c d a c a , a d a a , d a a a , a d
 f A c f A c a a a d c c d a d a , a f f c .

P a a f a a d c a b a d a f a
 f f c b a a a .S b c a a a a d a a a
 a d a d c a a c a c a b a d d a c a c ,
 a d a a b d a a a d c b f
 a a f a f f c .

I f a d c f a a d a f b a d f d c a d f a
 a a d c a d b a f f c c a , a b
 d d b a b f a d , a d b a d f d c a
 a a f a c a .

A d c a a a f a f c .W a d c d
 a a b a a b a d f d c .T d d
 d c a a a a a a a c a a f
 C a a a d a d c d a d c .W a a f a
 d c a b f d c f a b a a a b d
 a a f C a L a - d f a a c b d
 A c f A c a , d d d c f a b a a c b d
 A c f A c a , a a f c d c a c a f f c
 f a a c a c b c c d d c .W b a d f d c f a
 c a a a f f - c a a f a a
 f a d d d c , c d d d c a a f a b a
 f a d .

W a a f a a a d a a a a f
 a c C a a d , a d c a d f a c a a a c a a
 a d b a d f d c d d f f c a f a a
 a a f C a a d d b b f - c a a .

E c d a f a d c a c a c , a a f a d c a b c a
 f f c a f a a d b a d f d c .

T c a a a b c d a d a d b a a f f a d c ,
 a a a f a a d b f - c .

A 108 T d c a b a a a d d a f
 C a a .

A₁ 112 T d d d c a a d f b a d f
d c a a ; d a d C a ' d c a d b a a ;
a c a a a d a c c f a a a d d a a d d a d c ; b a
a a a f a d d d c C a ' a a a a a
a d a a f a c f d .

A₁ 113 T C a a a b f d d d c .
T c a b a d f d c a a c c a d d d c
f d . T C a d a a a d d d c a
a a f f a a ; d a a a a d f a
d d d c a a a ; a C a ' b a
d d d c a d a c f a c a .

A₁ 114 T d d d c a a c f a
a a d f c a d a c b d C a L a ,
a a , a a a a a a d A c f A c a .

(I) A a a a d a a a c (a d a d a c a
f f c a d b c c a , C a ' a a
d f a a) , b c a a b b a d f d c a
a a a b , b a d f d c f d c a f a a
b d d d c . W b a d f d c a a a
C a ' a d a a a c , c a a a
f c a a b d d d c . P a a d a
b d d d c , a a d a a b a d
d d d f a c a c a a a b a f d a ;

(II) T a a d a f a c c a f a b a d f
d c ;

(III) T b a a c a b a d f d c f d a a d a
a a a ;

(IV) T c a f a b a d f d c ;

(V) T d d a a a d a d c a a ;

(VI) T c a f a d a , b c a a c a
a d ' a ;

W d d d c c f c a d a c b d
a a a (I) a d (II) f A c , a a a a b , b a d f d c
f d c a c b a a f f d d d c ; f
a a a (III), (IV) a d (VI), a b a d b a a a f f d d
d c ; a d f a a a (V), a b a d b a d d d c . A f
a a f a f a d f c a d b d d d c a
b b b C a . If a b a a a f d f c a d
a , a b b c d , C a a a d c f a c c d .

S a a u a , a d , u a c u a b f u d d b a d
f d c a d d d d c a a , u a a f f u b f
c c u .

A 115 I add f c a d a u d a b ,
d d d c a , d d b a d f d c
a d ' u , c u a b :

(I) T u a , a u d c ;

(II) T a d u u a u ;

(III) T d u a f C u a ' d c a d
u a u ;

(IV) W a a u , (a d u d a c u f f c ,
d b c c a , C u a ' a a d f u u
) f a u a a c b
C u a ' a d , d f a c c a d a
a u a u b a d b b a d f d c a d '
u , a d u f f c u a , a b a b C u a
c d b ;

(V) M a u , d c u a d a d u d
b d d d c ;

T d d d c a f f , c u u a f a d
 :

(1) C ;

(2) R a a d a u f ;

(3) O b c a d a u f ;

(4) I a b u c u a d a u f .

A₁ 119 T b a d f d c a d c f r a a d a
 u r b :

N c f r a u r f b a d f d c a b r a a 14 da
 a d a c a d a f a a d a u r a b r a a f d a a d a c
 a d c , r a d r a a a a . T f f c f b a d f d c
 b f r a c f c f u r b a r a f f f c
 a d c , r a d r a a a a b a d , a f a , a a u d .
 A c a b a d a b c f u d b a d c d r
 c d a b .

W a a d a u r f b a d f d c a b c d a
 a b u r c , c f u r a a b b b b b a
 a a a u , b c a a a a a a f a u r .

A₁ 120 U r a d b L r R A c f
 A c a u r f b a d f d c a b d f u a a f f
 d c (c d r a a d c a d r u r b a f f) a .

E a c d c a a . U r d d A c f
 A c a u r f b a d f d c u b a d b a a f
 d c f C a .

W a r a f c a b f a d a a a r , c a a a
 f b a d f d c a a a c a r .

A₁ 121 D c a a d u r f b a d f d c . I
 a a d c r a b a a d a u r f a a , a a a a
 d c b a c f a a a d u r b a f . T c f
 a a a c f a a a .

T d c a d r u r a a c r c f
 a a a . W a d c a a a u r f b a d f d c a d
 f a a a a c b a f , a d d c a b d u d a
 a d r a u r .

A₁ 122 U r d c a c c u a c c f d a a d
 r a a d c f f r a a , a d c a a a r
 f b a d f d c c a a a c a c , a a c a a a
 a a c a c a c a (a d f d L r R
 f S c E c a r) a a a a ; a d a b c d d f d u r
 a r u f u r :

(I) F d c a c a (a d f d L r R f
 S c E c a r) d r u r C a a a f b d a
 D c a c a c a , d c r a u r b a r d
 u r f C a a a f b d a f b f ,
 f a u r a d u r a a f c d c
 c a c a ;

(II) F... C... a... a... f... , b d a... , d , a... , a... d...
 , a a... f... d a... , c f... d b... b , a... ; d c...
 ... c... a c a... d , a... , a... acc d , a a , a c...
 d... , a a... a a... , a , a , a d a... a , f , c d b...
 b , a... (a... a...) ;

(III) F... a d... a... f f f... a d b... C... a... f... b c...
 ... c... , f... a... , b d... c... f... C... a...
 c... a... (a... d a d... a b... d b... C... a... C... a... a...
 ...), d c... c... a c a... a , a... a... , a d...
 b , a c a... , d... d... b... d... f f f ;

(IV) A... a... a a , a... a d... b... f... f... C... a...
 ... a... f... , b d a... , c d , :

(1) A d... , ... a... f... a... c... a...
 ... a... a... a d... c... a , f... c a... d c... c...
 a... c a... c a b... f ;

(2) A d... , ... a... f... a , ... a ,
 a d d a... d a b... b... f... a... a d... d c... , c...
 a... c a... a d... f... C... a... a... f... , b d a... a d...
 , a... d c... (c... c... a... c a...) a d... c c... d...
 a... a... f... d a... , a... d a... c a... , b... f ;

(V) a... c... ac... a a , a... c... d c... c... a... c a... () /
 a... d... a... a... a... d... f... a... d b...
 ... c... f... C... a... b... , f... /... a...
 ... d b... c... f... C... a... .

If... a... d c... a a b... c... , ... a b...
 , b... d... , a... f... .

A... 123 T... d c... a... c... d... d a... , f... b a d f...
 d c... a b... c d d a... , c... a b... d b... a... d , d c...
 a d c d . T... d c... a b... b f... a... d a... , f...
 b a d f d c... . A... d c... f... a... , c... b a c... f...
 a... a... , a d... a... , a... A... c... f A... c a... , b... c a... ,

(V) T f ma f dam a aa m f C ma ;

(VI) T f ma C ma ' c f c ad ma ;

(VII) T ma a d m d r a aa (), c f f a c a f f c a d m aa m f C ma ;

(VIII) T a d m c a a a d d m db b a d f d c ;

(I) T f ma m f m ' a , f a a d a d a d d m c m a d d m a ;

() T f c f a d a m f b a d f d c ;

(I) T c f c a d c f d A c f A c a a d b b a d f d c .

A 129 T r a aa a b a m f b a d f d c , aa m a a d c a a b a m f b a d f d c a d a a c c a d a d c m ; b a a a m f b a d f d c .

A 130 I c f c a d , r a aa f C ma a f f b a f a d d c a c c d a c a , a d m a a a d A c f A c a a d a c a , m a d b a d m a d b a d f d c a c b d c f a a .

Chapter 13 第十三章

A 131 T C ma a a b a d f r .

A 132 T b a d f r a c m f m b , c d r a c a ma . T m f f c f a a b a , a d b f c .

T c a ma a b a d m db f m a - d f m b f b a d f r .

A 133 T m b f b a d f r a c m a d a a d a m a . T a d a a a b c d a d m db a d ' m ; a d m a a a b c d a d m db m f C ma d m c a c a .

A 134 A d c , r a aa , c a b a d f d c , c f f a c a f f c a d m aa m a a a c c .

R m a n n f a d f a b d a a c

A₄ 136 T₁ c d f b a d f : ac
a a f b a d b b a d f d
f

T₁ c d a : T₁ f ac f a
a b f - a a - ab a - T₁ a d a a c
a a d f c c ad a c c f ad, c a a
f a a a c c a a, a d f a f c
a b d a a b a d f a, a a a a a
c a a a a b d a a b a d f

T₁ f b a d f a b a d b f - d
f a a b f b a d f

A₄ 137 T₁ b a d f a a b c d c d a
b c d d f a d a d a d c d
a f

A₄ 138 A₄ a a b f c d f a f c f a a
a d acc a c c a d b b a d f
c f f c a d a b b b C a

A₄ 139 S₁ a f f d acc da c
a, ad a a a d A c f A c a



A₄ 140 A₄ a a a d c, a a a a d
a a f C a f f c c a a :

(I) a a a c d a c a c ;

(II) a a b f d f c d f c, b b,
f f f, a a a f ab a c a
c c d a a f 5 a a a d c c
a d; a a b d d f c a, ac
c a a 5 a a a d c c a d;

(III) a a f d c, fac a a a a a a f
a c a c a b d a
b c a f a a a d a a b f c f c
c a, a 3 a a a d c da f
c a d a f c a

(IV) a. $\frac{1}{2}$ $\frac{1}{2}$ af $\frac{1}{2}$ a $\frac{1}{2}$ a $\frac{1}{2}$ fac $\frac{1}{2}$ a $\frac{1}{2}$ c
ad $\frac{1}{2}$ b $\frac{1}{2}$ c $\frac{1}{2}$ c $\frac{1}{2}$ d d $\frac{1}{2}$ a $\frac{1}{2}$ a $\frac{1}{2}$ f $\frac{1}{2}$ a $\frac{1}{2}$ a d $\frac{1}{2}$ c $\frac{1}{2}$ d
 $\frac{1}{2}$ a $\frac{1}{2}$ ab $\frac{1}{2}$, $\frac{1}{2}$ $\frac{1}{2}$ a $\frac{1}{2}$ 3 a $\frac{1}{2}$ a $\frac{1}{2}$ a d $\frac{1}{2}$ c $\frac{1}{2}$ da $\frac{1}{2}$ f
 $\frac{1}{2}$ ca $\frac{1}{2}$ f $\frac{1}{2}$ b $\frac{1}{2}$ c $\frac{1}{2}$ c;

(V) a. $\frac{1}{2}$ $\frac{1}{2}$ a a $\frac{1}{2}$ a $\frac{1}{2}$ a $\frac{1}{2}$ a $\frac{1}{2}$ f d b $\frac{1}{2}$ d $\frac{1}{2}$ a d $\frac{1}{2}$ a d $\frac{1}{2}$;

(VI) a. $\frac{1}{2}$ $\frac{1}{2}$ d c $\frac{1}{2}$ a $\frac{1}{2}$ a $\frac{1}{2}$ b $\frac{1}{2}$ d c a $\frac{1}{2}$ a $\frac{1}{2}$ a $\frac{1}{2}$ f
 $\frac{1}{2}$ a $\frac{1}{2}$ f $\frac{1}{2}$ c $\frac{1}{2}$ a $\frac{1}{2}$ a $\frac{1}{2}$ c $\frac{1}{2}$ c $\frac{1}{2}$ d d;

(VII) a. $\frac{1}{2}$ $\frac{1}{2}$ a a $\frac{1}{2}$ a $\frac{1}{2}$;

(VIII) a. $\frac{1}{2}$ c $\frac{1}{2}$ c d f $\frac{1}{2}$ c $\frac{1}{2}$ a $\frac{1}{2}$ f $\frac{1}{2}$ f $\frac{1}{2}$ a $\frac{1}{2}$ c
 $\frac{1}{2}$ a $\frac{1}{2}$ b a $\frac{1}{2}$ a $\frac{1}{2}$ a $\frac{1}{2}$ a $\frac{1}{2}$, a d $\frac{1}{2}$ c $\frac{1}{2}$ c $\frac{1}{2}$ c
a f d $\frac{1}{2}$ a $\frac{1}{2}$ a c d f a d $\frac{1}{2}$ d $\frac{1}{2}$, $\frac{1}{2}$ a 5 a
a $\frac{1}{2}$ a d $\frac{1}{2}$ c $\frac{1}{2}$ da $\frac{1}{2}$ f $\frac{1}{2}$ c $\frac{1}{2}$ c;

(I) $\frac{1}{2}$ c c $\frac{1}{2}$ a c $\frac{1}{2}$ a $\frac{1}{2}$ c b d $\frac{1}{2}$ a $\frac{1}{2}$, ad $\frac{1}{2}$ a $\frac{1}{2}$ a $\frac{1}{2}$ a
d $\frac{1}{2}$ a $\frac{1}{2}$ a $\frac{1}{2}$.

A. 141 T d d d c a c $\frac{1}{2}$ f $\frac{1}{2}$, ba c
c d:

(I) Q a f ca $\frac{1}{2}$ a $\frac{1}{2}$ a ad c $\frac{1}{2}$ f a $\frac{1}{2}$ d c $\frac{1}{2}$ a $\frac{1}{2}$ a $\frac{1}{2}$ a d b a $\frac{1}{2}$,
ad $\frac{1}{2}$ a $\frac{1}{2}$ a $\frac{1}{2}$ a d $\frac{1}{2}$ a $\frac{1}{2}$ a $\frac{1}{2}$;

(II) I d $\frac{1}{2}$ d c a $\frac{1}{2}$ d;

(III) F d a $\frac{1}{2}$ a $\frac{1}{2}$ d $\frac{1}{2}$ a $\frac{1}{2}$ f a $\frac{1}{2}$ d c $\frac{1}{2}$ a $\frac{1}{2}$ a $\frac{1}{2}$ a
f $\frac{1}{2}$ a $\frac{1}{2}$ a $\frac{1}{2}$, ad $\frac{1}{2}$ a $\frac{1}{2}$ a $\frac{1}{2}$, a d $\frac{1}{2}$ a $\frac{1}{2}$;

(IV) M a f - a' $\frac{1}{2}$ c $\frac{1}{2}$ a $\frac{1}{2}$, c $\frac{1}{2}$ c $\frac{1}{2}$ f d
d $\frac{1}{2}$ d c a $\frac{1}{2}$ f a f d $\frac{1}{2}$ f a c a a d $\frac{1}{2}$ d d c;

(V) R a $\frac{1}{2}$ a $\frac{1}{2}$ f d $\frac{1}{2}$ d d c a $\frac{1}{2}$ c b d b $\frac{1}{2}$ L $\frac{1}{2}$,
R $\frac{1}{2}$ f $\frac{1}{2}$ S c E c a $\frac{1}{2}$ a d $\frac{1}{2}$ L $\frac{1}{2}$, R $\frac{1}{2}$ f SSE;

(VI) O c d $\frac{1}{2}$ a $\frac{1}{2}$ c b d b $\frac{1}{2}$ A c $\frac{1}{2}$ f A c a $\frac{1}{2}$.

T d d c f a d d d c $\frac{1}{2}$ a $\frac{1}{2}$ a $\frac{1}{2}$ f $\frac{1}{2}$, a
a $\frac{1}{2}$ a $\frac{1}{2}$ f f c f d d d c $\frac{1}{2}$, c d:

(I) A $\frac{1}{2}$ d a $\frac{1}{2}$ C a $\frac{1}{2}$ aff a d $\frac{1}{2}$, a d
d c $\frac{1}{2}$ a $\frac{1}{2}$ a d a $\frac{1}{2}$ a $\frac{1}{2}$ a $\frac{1}{2}$ (d c a
f $\frac{1}{2}$, fa $\frac{1}{2}$, a d c d $\frac{1}{2}$ c; a a a
f $\frac{1}{2}$ b $\frac{1}{2}$, fa $\frac{1}{2}$ - a $\frac{1}{2}$, da $\frac{1}{2}$ - a $\frac{1}{2}$,
- a $\frac{1}{2}$, f $\frac{1}{2}$ b $\frac{1}{2}$, a d $\frac{1}{2}$ b a d
c.);

(II) A _____ d _____ c _____ d _____ a 1% f _____ a d _____ a _____ f _____ C _____ a _____ a _____ a _____ a _____ d _____ a _____ 10 a _____ a _____ d _____ f _____ C _____ a _____ , _____ c _____ a _____ d _____ d _____ c _____ a _____ ;

(III) A _____ d _____ c _____ d _____ c _____ d _____ a _____ a _____ c _____ a _____ c _____ d _____ a _____ a 5% f _____ a d _____ a _____ f _____ C _____ a _____ f _____ a _____ c _____ a _____ a _____ f _____ 5 a _____ a _____ d _____ f _____ C _____ a _____ , _____ c _____ a _____ d _____ d _____ c _____ a _____ ;

(IV) A _____ a _____ a _____ a _____ d _____ c _____ c _____ a _____ c _____ d _____ a _____ b _____ a _____ a _____ a _____ ;

A₁ 145 I f f r d , d c , r a a a a d
 a a f C a a b c f a d a
 ac a a c f c b a
 T c c d (b d) f r b a :

(I) T c ac b f C a ;

(II) T c c f f c a d ac b d
 c ;

(III) T c a d c d a a b a
 b a r a d b a d, a a d b a , ad a
 a a L r R c f d c f a d
 a a a r, d r a c f d c ;

(IV) T a a d f a a c a a a d a d f d f f
 c a f a ;

(V) N c c d a c ac, c d c a a ac a a a r
 C a a a d a c f d A c f A c a L r
 R a a a f d c f a d
 a a a r ;

(VI) N a a b r f C a a a f
 f d c f a d a a a r ;

(VII)

(II) N... d c... a c f d... a f ma... a d... C ma ac... db
 ... ma... f f f c... f m d c... f a... d...
 a a... a ma...; ... ad f ma... a f... f
 C ma...; ... ma d c... c f ma... ac...
 ... ma... f... r c c ma c:

1. R... db a;
2. P b c... a a;
3. T... f... a d c..., ..., a ma a
 a d... ma a ...

Ga... d... db a d c..., ... a ma a..., c... a ma a a d...
 ... ma a ... a... f... A c... a b b... C ma...; ... a...
 c... a d m f... C ma f... ca... db... c... a...

A 146 D c..., ..., a ma a a d... ma a ... f
 C ma... a... ca... f... (c... c d... -)
 d a... a d c..., ..., a ma a a d... ma a ...
 b d d:

- (I) S... c d... f d c..., ..., a ma a a d...
 ... ma a ... f... C ma...;
- (II) T... f d c..., ..., a ma a a d... ma a ...
 f... C ma... (I) ...;
- (III) Pa... f d c..., ..., a ma a a d... ma a ...
 f... C ma... (I) a d (II) ...;
- (IV) C ma... c a d c..., ..., a ma a a d...
 ... ma a ... f... C ma..., a... a... (I),
 (II) a d (III) ... a... d c..., ..., a ma a a d...
 ... ma a ... f... C ma... a d fac c...;
- (V) D c..., ..., a ma a a d... ma a ... f...
 c ma... a... (IV) ...

A 147 T... b, a... f d c..., ..., a ma a a d...
 ... ma a ... f... C ma... a... c a... d... f...
 ... f f f c, a d... c f d... a b, a... C ma... c f a d... c...
 a c..., af... f... f f f c. O... b, a... ma c..., f... c
 da... c... f f a... ma... d... d..., a... f... c a
 a... db... ma... a d... ac c... da d... c f c c c ma c, r d
 c... a... b... C ma... a d... a... ma d.

A₁ 158 T C_ua a a c f a c c c d d d c a a a a a a a f C_ua b a a , d c a a a f C_ua a a a c a a a a a a a f f c f a a , b c a a a d a a a a a . T a f a d a a f C_ua c d a a f f a :

(I) A f f a d b a a a a a d ;

(II) A f f a d b a a a a a f c a a a f f a b c a a c a a a d f C_ua . T d f a c a a a a d a a a A c 57 f A c f A c a a .

A a a c d b a d c a a a a f A c a b a a a a a c c a d f f a d a a , a d a d d c a a a a b a a f d b a a a d a a a , c a a b d d c d f a a a d a a .

C₁ 15 F₁ A₁ P₁ D₁ A₁

A₁ 159 T C_ua a a f a a f a c a a c c a a a c c d a c a a , a d a a a a d P R C a c c a a d a d f a a d b c a a f a c a a a f S a C r c .

A₁ 160 T f c a a f C_ua G r a c a d a a , b a a , 1 J a a a d d , 31 D c a b f a c a .

T C_ua a a R a b a c d r c c a d a c c a a b a d C .

T C_ua a a a f a c a a a d f a c f c a a , c a b a d d a c c d a a .

A₁ 161 T b a d f d c f C_ua a , a a c a a a a a a , b a a a a d f a c a a a d b C_ua a c c d a c a a , a d a a a a , a a d c a a d b a a a a d c a a a .

A₁ 162 T f a c a a f C_ua a b a d a a a b f

A 163 T f a c a a f C a a b a d acc da c
 PRC acc a da d a d a a a acc a
 a da d acc a da d f a ac . If a a a
 dff c b f a c a a a d d acc a da d ,
 c dff c a b a d f a c a a . T C a a
 d b af - a f f a f ca a ba d a a a
 af ad f a c a a .

A 164 T a a f a c a da a a c d d c d b
 C a a a b a d acc da c PRC acc a da d a d a
 a a acc a da d acc a da d f a
 ac .

A 165 T C a a a a a a a c a c a
 af d f a f ca a a d a a c a c a
 a af d f f a c f ca a ; b a a
 f a f d f a f ca a , a d , b
 af d f f a c f ca a .

A 166 T C a a a ab acc b a a a
 acc b .

A 167 W C a d b af - a f f c a ,
 a d a 10% f f a a c f d . S c a ca
 a b d a c f d f C a a acc a d
 50% f d ca a f C a .

If a c f d f f c a f
 c d , a , f f c a a f b d a f ad
 b f a a c f d d a a c d , a a a .

Af a c f d d a f af - a f ,
 d c a c f d a a b d a f a a a
 ad a a a .

Af C a a ad , a d ad a ca a
 f d , a a f a d b d a b f a d b
 a d .

If a d ' a a ab b d b ,
 f a d b f C a a a da ca f d
 a , f d b d b d C a b
 a d .

T a f C a d b C a a a c a f
 d b .

A. 168 Ca a c, d f .:

(I) P a, f ab a a, f a ;

(V) T C μ a μ , dac μ d μ b μ f μ ca . T μ f d μ b μ d μ f μ f ca μ a μ a μ b μ a 20% f μ d μ b μ ab μ f μ a d μ a μ a . F μ ca -ba dd μ b μ , C μ a μ c μ d μ ca ab μ d f C μ a ' μ a μ a μ a d μ - μ d μ af μ c d μ b μ d μ a μ d μ b μ a μ f a μ d μ a a μ :

(1) W C μ a μ ad μ d μ a μ f ca ca a μ d μ a a μ , d d dd μ b μ d μ f μ f ca μ a μ b μ a 80% f μ a μ f d μ b μ ;

(2) W C μ a μ ad μ d μ a μ f ca ca a μ d μ a a μ , d d dd μ b μ d μ f μ f ca μ a μ b μ a 40% f μ a μ f d μ b μ ;

(3) W C μ a μ ad μ d μ a μ f ca ca a μ d μ a a μ , d d dd μ b μ d μ f μ f ca μ a μ b μ a 20% f μ a μ f d μ b μ ;

I μ ca μ a μ dff c μ d μ C μ a ' μ a μ f d μ μ b μ C μ a μ a μ f ca ca a μ d μ a a μ , f d μ b μ a b d a μ μ a μ c d μ .

U d μ c a c c μ a c , f μ f d μ b μ a f μ c μ a μ a b d μ d acc d μ ab d ca d d d μ c μ μ μ ca d d d a , C μ a μ a d c μ c f c a μ a d c a μ f d μ d d c μ a μ . If μ c c a , C μ a ' μ a μ d a μ ca μ a d μ f μ a μ d ' μ a μ a μ c f d μ b μ a , c μ a b c μ d μ .

(VI) If μ a d μ b ab μ f μ a μ af ca -ba dd μ b μ ad a d μ b a d f d c μ c d μ a μ c -ba dd μ b μ a μ a μ f a μ a d , c -ba dd μ b μ a b ad μ d . W C μ a d μ c f ca μ f c d μ b μ , d f c μ d μ a ca a af μ c d μ b μ μ a c μ ca f μ a μ f C μ a a d c μ d μ f f c μ f d b a d f a c , d μ a d μ b μ a a μ μ a μ f a μ a d .

(VII) If C μ a μ c dd μ f μ a f ca μ a b μ b a d f d c μ dd μ ca μ f d μ b μ a af μ d f a f ca μ a , a a μ a b μ ad μ a μ a μ d μ b μ f a d μ a f μ f d μ b d a d a d b μ C μ a . T μ d μ d μ c μ a μ d μ d μ .

(VIII) T C μ a μ a μ a d a μ a μ f μ f μ a μ a d μ μ μ a μ f μ ca d d d μ c .

(I) If f divides b , then c divides ad , db . C can be added, ad divides a because a divides ad , ad divides db . CSRC divides c because c divides ad ; a divides c because c divides ad , ad divides db . C can be added, ad divides ad , db divides db . a divides d , a divides f because a divides d , a divides ad , ad divides db . T divides d , a divides ad , ad divides db . T divides d , d divides c . a divides d , d divides c .

() If a divides d , a divides c , C can be added, C can be added, c divides a , c divides a , a divides a .

A 172 T divides d , d divides ad , ad divides db . C can be added, ad divides ad , db divides db , f divides R . T divides d , d divides ad , ad divides db . C can be added, a divides f , a divides ad , ad divides db . R divides ad , ad divides f , c divides c . A divides c , c divides d , a divides d , ad divides c . f divides f , f divides c , ad divides a , f divides PRC .

A divides ad , ad divides a , d divides a , ad divides c , f divides b . d divides b , b divides c , ad divides a , d divides a , c divides a , d divides d , d divides ad , b divides b .

A 173 T divides d , a divides b , d divides a , d divides b . C can be added, c divides a , a divides f . PRC . T divides a , a divides f , c divides f , a divides d , d divides a , b divides d , b divides c , d divides b , d divides ad .

A 174 T C can be added, a divides c , c divides a , f divides d , f divides a , ad divides a . T c divides a , a divides a , b divides f , a divides d , c divides d , d divides b , db . C can be added, a divides ad , ad divides a , ab .

T c divides a , a divides db . C can be added, a divides f , a divides c , c divides a , f divides ac .

T c divides a , a divides db . C can be added, f divides f , a divides ad , a divides d . H , K divides a , b divides c , a divides d , a divides T . O divides c , f divides H , K .

F c divides f , d divides b , a divides d , d divides a , a divides f , c divides a , a divides b , d . C can be added, c divides d , d divides c , d , b divides ad , a divides b , c divides db , f divides f , a divides cab , a divides d .

T C can be added, a divides a , d divides d , d divides a , a divides b , a divides d , f divides a , ad divides a . d divides d , a divides a , a divides ca , d divides c , c divides a . H , C can be added, c divides c , c divides d , d divides a , a divides d , a divides f , a divides add , f divides f .

T C 𐌹𐌰 a 𐌰 a 𐌰 a 𐌰 a 𐌰 a 𐌰 f 𐌰 d 𐌰 f 𐌰 a -
 𐌰 df 𐌰 𐌰 a 𐌰 𐌰 ca 𐌰 b 𐌰 ac d 𐌰 d 𐌰 f 𐌰 𐌰 c d 𐌰 , 𐌰 dd 𐌰
 𐌰 db a 𐌰 a d 𐌰 a 𐌰 :

(I) D 𐌰 d 𐌰 a 𐌰 b 𐌰 d 𐌰 b 𐌰 df 𐌰 ad 𐌰 a 𐌰 f 𐌰 a 𐌰 a 𐌰 𐌰
 12 𐌰 a , b 𐌰 a 𐌰 c a 𐌰 d 𐌰 ad 𐌰 d ; a d

(II) U 𐌰 𐌰 f 𐌰 12- 𐌰 a 𐌰 d , C 𐌰 a 𐌰 a a 𐌰 c 𐌰
 𐌰 a 𐌰 𐌰 a 𐌰 () , a d 𐌰 f 𐌰 c 𐌰 c a 𐌰 𐌰 c 𐌰 ad
 𐌰 a 𐌰 a 𐌰 d .

C 𐌰 16 A 𐌰 𐌰 A 𐌰 F 𐌰

A 𐌰 175 T C 𐌹𐌰 a 𐌰 a a 𐌰 a d 𐌰 d 𐌰 acc 𐌰 f 𐌰 c 𐌰
 𐌰 af d 𐌰 d 𐌰 a 𐌰 a 𐌰 f 𐌰 Sa 𐌰 ad 𐌰 a 𐌰 af a ca 𐌰
 a d 𐌰 f a ca 𐌰 f C 𐌹𐌰 a . F 𐌰 𐌰 f A c 𐌰 f A c a 𐌰 ,
 c 𐌰 f d , b c acc 𐌰 a 𐌰 db 𐌰 C 𐌹𐌰 a 𐌰 a 𐌰 a ac a 𐌰
 acc 𐌰 a 𐌰 .

T C 𐌹𐌰 a 𐌰 f 𐌰 acc 𐌰 f 𐌰 a b a 𐌰 da 𐌰 a 𐌰 a 𐌰
 f 𐌰 a 𐌰 a 𐌰 a 𐌰 acc 𐌰 f 𐌰 a 𐌰 d a 𐌰 d ff c
 c c 𐌰 f 𐌰 f 𐌰 a 𐌰 a 𐌰 a 𐌰 .

If 𐌰 a 𐌰 a 𐌰 d 𐌰 c 𐌰 d 𐌰 c d , a a 𐌰 ,
 𐌰 a b 𐌰 c db 𐌰 b ad f d c 𐌰 .

A 𐌰 176 T acc 𐌰 f 𐌰 a 𐌰 db 𐌰 C 𐌹𐌰 a 𐌰 a d ff c f 𐌰
 c c 𐌰 f 𐌰 a 𐌰 a 𐌰 a 𐌰 c 𐌰 a 𐌰 d ,
 c c 𐌰 f 𐌰 a 𐌰 a 𐌰 a 𐌰 .

A 𐌰 177 T acc 𐌰 f 𐌰 a 𐌰 db 𐌰 C 𐌹𐌰 a 𐌰 a a 𐌰 f 𐌰 ,
 𐌰 :

(I) T acc 𐌰 acc 𐌰 b 𐌰 , c d 𐌰 c 𐌰 f C 𐌹𐌰 a 𐌰 a 𐌰 ,
 a d 𐌰 a d c 𐌰 , a 𐌰 a a 𐌰 a 𐌰 a 𐌰 d
 a d c 𐌰 a d 𐌰 a a 𐌰 ;

(II) T a 𐌰 C 𐌹𐌰 a 𐌰 a a 𐌰 ab ac 𐌰 b 𐌰 ba d c 𐌰
 a d 𐌰 a a 𐌰 f 𐌰 b da 𐌰 d df 𐌰 f 𐌰 ac f 𐌰 d 𐌰 ;

(III) T b 𐌰 a 𐌰 a 𐌰 , c 𐌰 c f 𐌰 a 𐌰 a a
 a d 𐌰 a 𐌰 c 𐌰 f 𐌰 a 𐌰 a
 𐌰 , add 𐌰 c a a 𐌰 a 𐌰 a 𐌰 a 𐌰
 c c 𐌰 a 𐌰 C 𐌹𐌰 a 𐌰 acc 𐌰 f 𐌰 .

A 𐌰 178 I 𐌰 f aca c 𐌰 f acc 𐌰 f 𐌰 b ad f d c 𐌰 a
 a 𐌰 a acc 𐌰 f 𐌰 ad aca c b f 𐌰 f a 𐌰 a 𐌰 .
 D 𐌰 d a 𐌰 f 𐌰 ad aca c , f 𐌰 C 𐌹𐌰 a 𐌰 a c 𐌰 b acc 𐌰 f 𐌰 ,
 a d acc 𐌰 f 𐌰 a c 𐌰 ac .

T acc, r, f ma b, a c a r, c a
c f af ad m, f ma a, r, , add
c a m a ma c c r a C ma
f m acc, r f m.

A 182 W C ma d m d a a acc, r, f m,
a c a b r acc, r, f m 15 da ad a c, a d acc, r, f m
a a r a a m . W a acc, r,
f m d r a, a a r a m , C ma a
a r a a .

A acc, r, f ma b, ac, a c f r a a a
add f C ma . T ad c a a ff c da f d
a add f C ma a a da c f d c . T ad c
a c d f r a m :

1. A a m a r a d a f ma b d c d
a d c d f C ma ;
2. A a m fa r c f ma b d c d.

T C ma a d ac, f c m d c d,

A₁ 184 M r f C u a u a b f u : u , b a b a d u , b c d a .

I f u , f C u a , a c c d a c c d a u , a u a d a b a a c a d . T C u a a f a c d 10 da af ad f u , a d a u a a c u a a 30 da . C d , d , 30 da f b , f d , f d c c , 45 da f b c a c c u , C u a a f f d b d c d r r a a .

T c d , a d d b f a c c d a f u , f C u a a b d b c u a b a f u , b u a b d c u a .

A₁ 185 W C u a d d d , a b d d a c c d r .

I f d f C u a , a c c d a c c d a d a u a d a b a a c a d . T C u a a f a c d 10 da af ad f d a d a u a a c u a a 30 da .

T c u a a f d a b a a b f d b f C u a b f d . H , f b f d C u a a d c d a a a c c c , a u f d b , f u d a .

A₁ 186 C a , d a c a a , f u a u , d f C u a a b , d c u a , a a a c c d , a . If C u a d , a c a a f a a a b f f c d a c c d , a . If a c u a a b d , a a f c a b u a b a b d a d , d a c c d , a .

C₁ 18 D₁ L₁ C₁

A₁ 187 T C u a a b d d a d d a d a c c d , a a f f c c u a c :

- (I) E a f b u ;
- (II) T a u a d d C u a ;
- (III) M r d f C u a a d ;
- (IV) T C u a d c a d b a , a c c d , a b c a , a b a d b a f a d ;
- (V) T C u a c d d d a a f a a d a d u a a a c c d a c a ;

(IV) If the Commission determines that the applicant has not demonstrated that the proposed project is in the public interest, the Commission may, at its discretion, deny the application. The Commission may also, at its discretion, require the applicant to provide additional information or to revise the application. The Commission may also, at its discretion, require the applicant to pay a fee of \$10,000 for the processing of the application. The Commission may also, at its discretion, require the applicant to provide a bond in the amount of \$10,000 to cover the costs of the project.

Art. 188. If the applicant fails to comply with the requirements of Art. 187 of the Constitution, the Commission may, at its discretion, deny the application. The Commission may also, at its discretion, require the applicant to provide additional information or to revise the application. The Commission may also, at its discretion, require the applicant to pay a fee of \$10,000 for the processing of the application. The Commission may also, at its discretion, require the applicant to provide a bond in the amount of \$10,000 to cover the costs of the project.

If the applicant fails to comply with the requirements of Art. 187 of the Constitution, the Commission may, at its discretion, deny the application. The Commission may also, at its discretion, require the applicant to provide additional information or to revise the application. The Commission may also, at its discretion, require the applicant to pay a fee of \$10,000 for the processing of the application. The Commission may also, at its discretion, require the applicant to provide a bond in the amount of \$10,000 to cover the costs of the project.

A₁ 195 Af c m f da f C m a , da c m a a a a da a d c m a d d a m a d acc b c f da d,af a d b aC c f d b c acc a , a b m a m a c m a f c f m a .

T da c m a , 30 da af b a , c f m a f m a m a c m a a , b m af a d d c m a c m a a a a , a d a c a c a f C m a a d a c m a a f C m a .

A₁ 196 M m b f da c m , d b a d a d f m da d acc d , a .

M m b f da a a a d a a f c b b a c m , a d a m b C m a ' a .

If a m m b f da c m ca C m a c d , d b a d c , a b ab f c m a .

A₁ 197 W C m a d c a d b a , acc d , a , ba c , da b a d d acc d , a TJ0 T -2.36 (a) 0.1 Tf0. c d a

A 203 I a a a f c a
 a f ac C a a a d c d c
 b d ac d, a d, d b d, d, a c d b a f d d
 a d b E, a d C, C a a (acc da c
 f c f a d c c d) d ac E, C
 a d c c d f C a a mad a a,

(II) T a c a f a b a a a c C a I a a a E c a d T a d
 A b a C a a f a b a f a b a a f
 c H K I a a A b a C f a b a f
 c a b a a f A f a c a f a b a a b
 d c a f a b a a a a a a c c a b a a a
 a b a b d c d b a a c a .

If a c a f a b a a c H K I a a A b a
 C f a b a a a a a a a b a b c d c d
 S f a b a a f H K I a a
 A b a C .

(III) S a f d c a (I) b a f a b a a b
 d b P R C a a c f d b a a d a a
 a a .

(IV) T a b a a a d a d b a b a b d a b f a a d b d
 b a .

Chapter 22 P a a a a

A 206 T R a f P c d f G a M a R a f P c d
 f B a d M a d R a f P c d f M a f S a c a d b
 c d d a d a d b G a M a a b a a d f A c
 f A c a .

A 207 T A c f A c a C I c a f a
 d c a c a a a d f f a a a a a C
 a d b a d d c a a a a a a .

A 208 F a f A c f A c a a a a a
 a a a a a a a a a a a a a a a
 b d a d b a a c a a .

A 209 T A c f A c a a b b c a f
 b a d f d c f C a A a c d a b a a d a
 a d a b a d f d c .

A 210 S a d b a c c b A c f A c a
 a d a a a a a a a a a a a a a a
 f c c a c C a a a a d a a a .

A 211 F a f A c f A c a a a c c a f a
 a a a a a a a a d a .