

**Land Surveyors Board Examination
September 2008**

WRITTEN EXAMINATION

CADASTRAL LAW

Instructions to Candidates

1. Write legibly on one side of the paper.
2. Begin each answer on a fresh page and write the Question Number at the top of each page.
3. Read the Question Paper thoroughly. 10 minutes will be allowed for this purpose. Commence writing only when the invigilator tells you to do so.
4. The attention of candidates is drawn to the Land Surveyors Board Rules of Conduct of Examination.

**LAND SURVEYORS BOARD EXAMINATION
SEPTEMBER 2008**

WRITTEN EXAMINATION

CADASTRAL LAW

Date: 1st September 2008

Time Allowed: 3 hours

INSTRUCTIONS

1. This paper consists of **SIX (6)** questions and **Four (4)** pages.
 2. Answer any **Five (5)** questions only.
 3. The marks are allocated at the end of each part/question.
 4. Answers will be graded for content and appropriate presentation.
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Question 1.

You are required to carry out a cadastral survey of a large site. With the aid of a diagram, explain how you would carry out the survey under the following headings:

- (a) Conduct of Traverse
- (b) Connection to ISN markers
- (c) Length of traverse
- (d) Side shots

(5 marks each)

Question 2.

Briefly explain the following:

- (a) The significance of share value in strata living.
- (b) What does share value represent?
- (c) Who determines share value?
- (d) How is share value determined?
- (e) Can the share value of a strata lot be changed?

(4 marks each)

Question 3.

Write notes on:

- (a) Reporting encroachments as stipulated in CS Directive on cadastral survey practices.

(10 marks)

- (b) SLA's current policy for retention of encroachments from private properties onto/over/under State lands under the following situations:

- (i) If the extent of encroachment is less than 3cm.

(2 marks)

- (ii) If the extent of encroachment is more than 3cm and up to 10cm

(4 marks)

- (iii) If the extent of encroachment is more than 10cm

(4 marks)

Question 4.

(a) With reference to CS Directives on Cadastral Survey Practices, explain field survey procedures for strata subdivision under the following headings:

- (i) Accuracy of linear measurements.
- (ii) Survey of buildings.
- (iii) Identical strata lots.
- (iv) Strata lots involving land.

(3 marks each)

(b) List the types of strata survey whereby the verification survey of the land lot is **not** required.

(8 marks)

Question 5.

(a) You are conducting a GPS Survey of an ISN marker and SiReNT is not available. What are the procedures you are required to follow in the absence of SiReNT according to SLA's Guidelines and Specifications for GPS surveys of ISN markers?

(10marks)

(b) With reference to SLA'S Guidelines and Specifications for GPS surveys of ISN markers, write notes on:

- (i) Site planning and reconnaissance.
- (ii) Installation of ISN markers

(5 marks each)

Question 6.

Write notes on any **four** of the following:

- (a) Survey involving high water mark under Boundaries & Survey Maps (Conduct of Cadastral Surveys) Rules.
- (b) Survey requirements for land under the Boundaries & Survey Maps Act.
- (c) Declaration of private street as public street under the Street Works Act.
- (d) Chief Surveyor's Directive on **amalgamation of lots**.
- (e) Leasing of foreshores or seabed under the Foreshores Act.

(5 marks each)