

National Land Commission Secretariat
Cadastral Surveyors Licensing Board
Licensed Surveyor Examination

Paper III: Cadastral Practical II

Date: 20/12/2022

Time: 3 hours

Total marks:35

General instructions:

1. This paper consists of one page and part A only.
2. Examination must be completed in 3 hours.
3. Invigilator must provide question paper 15 minutes prior to commencement of practical exam at **10:00 AM**. This time is solely meant to read instructions and clarify doubts.
4. The site plan will be provided wherever necessary to use as a reference.
5. You must completely adhere instructions and execute work professionally. They will be considered while weighting your work.
6. You must handover field book or records at the end of practical examination.

Good Luck

Part A-Field Assessment

Section I- Total Station Surveying

- 1.1. Set up Total Station. Demonstrate instrumental setting and operation to invigilator. **(2 marks)**
- 1.2. Check the reliability of control point. Use independent station for quality check. Show check station in your cadastral dataset. **(2 marks)**
- 1.3. **Traverse:** Run travers from the known control points **(10 marks)**
 - Provide at least 3 traverse points. Measure in both faces.
 - Adjust traverse.
 - Check the quality of the traverse.
- 1.4. **Cadastral Surveying:**
 1. **Boundary demarcation (5 marks)**
 - Demarcate corners of the boundary using the given coordinates.
 2. **Surveying (5 marks)**
 - Survey the structure and ground features inside and nearby the surveyed boundary.
- 1.5. **Map preparation (10 marks)**

You must show all critical map elements and thram information on your map. Make 2 color printouts for assessment by the invigilators. Don't forget to write your index number.