

**SASKATCHEWAN LAND SURVEYORS ASSOCIATION  
SASKATCHEWAN LAND SURVEYORS EXAMINATION**

PAPER 1

MARCH, 2023

**PROVINCIAL STATUES**

MARKS

TIME: 3 hours

- 10     1. According to the Land Surveys Act 2000 and The Land Surveys Regulations, define each of the following?
- a) Primary survey
  - b) Lost monument
  - c) Deteriorated monument
  - d) Former land registration district
  - e) Cadastral parcel mapping system
  - f) Unpatented land
  - g) Mineral disposition
  - h) Standard Monument
  - i) Marker
  - j) Standard of accuracy
- 12     2. When may a Type 1 Descriptive plan be used, and when may a Type 2 Descriptive plan be used? Give two examples of each in your explanation. Diagrams are encouraged.
- 5     3. Describe, with the aid of a diagram, at least two situations where a five-sided quarter section can occur.
- 10     4. Over the years, there have been various methods employed by Land Surveyors in establishing section and quarter section corners from witness monuments. Discuss the methods generally used, with the aid of diagrams, and the reasons for doing so. Specific reference should be given to Section 186 and 187 of the 9<sup>th</sup> Edition of the Manual of Instructions for the Survey of Dominion Lands, the resolution of good practice adopted by the Saskatchewan Land Surveyors Association in 1916 (later rescinded) and more recent policies issued by the Controller of Surveys office on the issue.
- 7     5. A surveyor shall keep exact and regular field notes. What five items should be shown in every set of field notes? What is the importance of field notes with respect to a completed survey? Hint: Think of the present and the future importance of the notes.
- 5     6. Explain why the North and South Limits of the road allowance on a correction line are not parallel.

- 15 7. a) What are the basic differences between the First, Second, and Third Systems of Survey in Western Canada and give a general location of each system.
- b) What is the main difference between the Third System and the Modified Third System of Survey?
- c) Describe the River Lot system and where in the Province they can be found?
- d) What is a Fractional Quarter Section and why do they exist. Diagrams are encouraged.
- 5 8. List the means of determining the boundaries of unmonumented railway lines as stated in Section 105 of the Land Surveys Regulations.
- 10 9. Describe how you would establish the following lost monuments in a Secondary Subdivision. Diagrams are highly encouraged.
- a) A block corner at a deflection on the exterior of a subdivision
- b) A block corner on the exterior of a subdivision but not a deflection
- c) A block corner in the interior of a subdivision
- d) A lot corner
- e) What obligation does a surveyor have when a lost monument has been re-established?
- 6 10. What is the distinction between the Professional Conduct Committee and the Discipline Committee. Can a member of the Association sit on both committees at the same time? Are the committee members from each committee free to talk to each other during an investigation or hearing?
- 5 11. Explain what Professional incompetence and Professional misconduct is and the distinction between each.
- 3 12. What are the objects of our association?
- 5 13. Describe the steps that you would take, if your preliminary search at a township corner fails to find the monument.
- 2 14. For surveys outside the provincial system, why does the entirety of the map sheet need to be shown and represented on the plan in a key plan format?