

**Alberta Land Surveyors' Association  
Professional Examinations  
Fall 2007**

**The Surveying Profession  
(Closed Book Exam)**

**Time Limit: 3 hours**

Note: This exam consists of 15 questions on 3 pages.

1. The acronym, TILMA, has very recently started to make a lot of news. If passed, TILMA will have the effect of creating a large economic power within Canada over the next few years.
  - 4 (a) What does TILMA stand for and which provinces does it affect?
  - 2 (b) How does it directly affect the ALSA?
2. Director of Surveys
  - 2 (a) What is the role of the Director of Surveys?
  - 1 (b) What Branch of the government does the Director work for?
3. Director of Systematic Practice Review
  - 2 (a) What is the role of the Director of Systematic Practice Review?
  - 1 (b) What Organization does the Director work for?
4. Corner Recordation Index
  - 2 (a) What is the Corner Recordation Index?
  - 2 (b) What kinds of Corner Monuments are stored in the Index?
  - 2 (c) Where can you access the data on the index?
5. One of the functions of the Practice Review Board (PRB) is to derive interpretations on surveying related issues.
  - 2 (a) During the preparation of an interpretation, there are stakeholders who may be asked for their opinion on the issue. Name 2 bodies or persons the PRB may ask for their opinion.
  - 6 (b) There are currently 6 PRB interpretations published, please name or describe 3 of them.
  - 2 (c) Who votes on the final interpretation prior to it becoming published?

- 9 6. Define “practice of surveying” within the context of the Land Surveyors Act in Alberta.
- 4 7. An Alberta Land Surveyor may be asked to appear in court as an expert witness. Name 2 qualities an expert witness should possess.
- 4 8. Describe the fundamental difference between *unprofessional conduct* and *unskilled practice* of an Alberta Land Surveyor.
- 4 9. Describe the difference between *Liability in Negligence* and *Liability in Contract* for an Alberta Land Surveyor?
10. Every time surveyors dig to find buried evidence or places an Iron Post in the ground, they need to consider the potential impact of their Ground Disturbance.
- 2 (a) What legislation discusses the issue of Ground Disturbance?
- 3 (b) What are some of the approaches that should be used in the field to avoid potential hazards as well as ensuring a safe work environment while working near potential buried facilities?
- 6 11. Land surveyor A is approached by another land surveyor B who indicates that some obvious errors and omissions were evident in land surveyor A's survey. Surveyor A chooses not to take action as his plan is registered and he has been paid for his work and furthermore, the client is pleased with the work done. What section(s) of the Code of Ethics, if any, is the surveyor A contravening in not taking any action?
12. The future of the Association
- 2 (a) What is the “Made to Measure” – Science in a Crate all about?
- 2 (b) Why is it important to the future of the Association?
13. A client comes to you with subdivision approval from the local municipality. The ¼ section has never been previously subdivided and the client requests that you prepare a Descriptive Plan.
- 2 (a) Explain what you would tell your client about descriptive plans to ensure they have a full understanding of what they will be receiving?
- 2 (b) What does the MSP state regarding descriptive plans?
- 2 (c) What statement does the MSP recommend you place on a descriptive plan?

14. Monuments and plan registration

- 3 (a) What is the minimum time frame for monuments to be placed at the boundary corners represented on the plan done under section 47 of the Surveys Act (Non-monumented survey plan)?
- 3 (b) What types of plans does Section 47 of the Surveys Act apply to?
- 3 (c) Is a PLA sketch done for Sustainable Resource Development a form of a non-monumented survey plan as defined in Section 47 of the Surveys Act? Why or why not?
- 3 (d) When does a PLA sketch need to be monumented?
- 3 (e) What is the time frame to register a plan showing a re-establishment of a Part 2 monument?
- 3 (f) Where must plans be registered if surveyed within the boundaries of a Metis Settlement?

15. In the June 2003 ALS news, G.K. Allred, ALS wrote an article called “*Dormant Plans – Professional Liability or Financial Liability – or both?*”

- 3 (a) What is a dormant plan?
- 3 (b) Describe what portions of the Code of Ethics apply to individual land surveyors that allow their dormant plans to not be addressed.
- 3 (c) Name 3 reasons why dormant plans exist.
- 3 (d) What is the liability to individual surveyors for their dormant plans?