

**The Universities Co-ordinating Council
Board of Examiners in Land Surveying**

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

Marks

April 1997

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- 2 1.(a) Who is the current president of the Alberta Land Surveyors' Association?
- 4 (b) What is the makeup of the ALSA Council and how are its members selected?
- 6 (c) Describe two committees of ALSA including their composition, mandate and recent accomplishments.
- 2 (d) Where is this year's AGM?
2. ALSA is sponsoring a major international technical conference.
- 4 (a) What is the name of the conference and what is its major theme?
- 4 (b) Where and when is it being held?
- 6 3.(a) What is the purpose of a professional code of ethics? In what document is the code for ALSA described?
- 9 (b) Discuss in detail each of the following articles from the Alberta Land Surveyors' Code of Ethics.
- Professional Impropriety
 - Professional Judgment
 - Professional Services
- 9 4. A recent issue of ALS News had an article which discussed public acceptance of a coordinate cadastre. Describe what a coordinate cadastre is and include the issues which will affect the implementation of a true coordinate cadastre.

- 6 5.(a) Describe fully the process to obtain orthometric heights using GPS technology.
- 6 (b) Describe what a geoid model is including where you get one, what it is for and provide the name of any one of the models used in Canada.
- 4 6.(a) What is the name of the recently rewritten Manual of Good Practice and what is its purpose ?
- 6 (b) Under what authority was the Manual created? Discuss the issue of whether the Manual is a guideline or a mandatory requirement paying special attention to its status in court.
- 8 7.(a) Describe fully the difference between liability in negligence and liability in contract for a surveyor.
- 4 (b) How does the ALSA protect the public from any professional misconduct as described in (a).
- 7 9. You discover what you consider to be a serious error in another Land Surveyor's plan. You have contacted this surveyor repeatedly with no result. Describe your next step(s) to resolve the matter and describe in detail all the steps in proper sequence which could be involved to resolve the matter completely.
- 7 10.a) Discuss the difference in purpose between the Practice Review Process and the Discipline Process.
- 6 b) Describe the structure set up within ALSA to conduct Practice Review.