

**ALBERTA LAND SURVEYORS' ASSOCIATION
PROFESSIONAL EXAMINATIONS
April 2002**

**THE SURVEYING PROFESSION
(Closed Book Exam)**

Mark

Time Limit: 3 hours

- There are 9 articles under the Code of Ethics for Alberta Land Surveyors.
- 9 a) Please list these 9 articles.
- 18 b) Describe the general principle of each of the 9 articles.
- c) Who is responsible to judge whether the Code is followed.
2. Which Government Department is responsible for the Land Surveyors Act in Alberta?
- a) Who is the Minister of that Department?
- 1 3. Which Government Department is responsible for the Surveys Act in Alberta?
- 1 a) Who is the Minister of that Department?
- 5 4. In the Alberta Land Surveyors' Association Manual of Standard Practice, there are certain guidelines governing advertising for our professional services. What are they?
5. In the September 2001, Vol. 30-3 Issue of the ALS News, Brian Munday, Executive Director of the ALSA wrote:
- "At the 2000 Annual General Meeting of the ALSA, the membership approved a Professional Maintenance Program (PMP)..."
- 2 a) Explain what is a PMP.
- 3 b) What are the key components of this PMP?
- 5 c) Explain the merit between a mandatory program and a voluntary program?
- 10 6. In the reference text Mapping a Northern Land – Survey of Canada 1947-1994, Dr. Alec McEwen, in one of the chapters (chapter on Cadastral Surveys in Canada), observed:
- "Few professional organizations in this country are allowed to operate so quietly and unobtrusively, and with such degree of self-regulation, as the associations (the provincial land surveyors associations), all of which enjoy a statutory monopoly with respect to the right to perform cadastral surveys. This considerable privilege is a measure of the trust that the public has in the accountability of the surveying profession..."
- List and describe a minimum of 5 key obligations of the Alberta Land Surveyors' Association within our provincial statute (the Land Surveyors Act) and its appending Regulations and By-laws that have provided us with this degree of self-regulation as a professional association.

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7. On June 16, 2001, the Alberta Land Surveyors' Association, along with nine other Canadian land surveying associations (Manitoba, Saskatchewan, BC, Ontario, Quebec, Nova Scotia, New Brunswick, Newfoundland, and ACLS), signed a historic internal trade agreement entitled Mutual Recognition Agreement (MRA).
- 3 a) Briefly explain the purpose of this MRA.
- 2 b) What are the conditions attached with this MRA?
- 6 8. Don W. Thomson, in his review of James G. MacGregor's book "Vision of an Ordered Land" sums up this book as follows: The task of surveying 200 million acres of prairie wilderness is a unique achievement of post-Confederation of Canada. As an example of a uniform plan of land survey over such immense area, it is, as far as is known, an accomplishment unequalled anywhere in the world. No other system assembled, trained and directed such a body of dedicated men. The men who studied and served their profession until they were entitled to become land surveyors did much to create Canada as we know it today. In this vast, unmeasured domain these men and their fellow surveyors went on to paddle its rivers, follow its valleys, scale its mountains, and wade its muskgs. They were giants in pioneering zeal and endurance and as many of them, following their destinies, strode into various critical public offices or rose rapidly in military rank, they held their standards high. Some of them went on to extraordinary fame, all of them played their parts well. They were that special company of land surveyors who served Canada with distinction at a critical stage of national development...
- Briefly explain the achievements (specifically in Alberta) of one of the following explorers/surveyors - Otto J. Klotz, William Ogilvie, W. F. King, J.S. Dennis Jr., Montague Aldous, William Pearce, C.A.Magrath, A.O. Wheeler.
- 10 9. Since the past two decades, the Government of Alberta spearheaded a provincial Geographic Information System initiative called the Land Related Information System (LRIS). It had been decided that large scale mappings were required for the base mapping needs of this initiative, amongst other key components of the LRIS structure. Briefly explain the establishment and development of two of the following mapping programs under this provincial GIS initiative:
- (a) the Provincial Digital Base Mapping (PDBM) Program;
- (b) the Municipal Integrated Surveying and Mapping (MISAM) Program;
- (c) the Parcel Mapping Program;
- (d) the Titles Mapping Program.

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10. President G. K. (Ken) Allred, A.L.S. prepared a position paper for the ALSA Council to consider setting up a Statutory Boundary Tribunal (reference: ALS News, June 2001, Vol. 30-2 Issue).
- 5 a) The Council accepted President Allred's recommendations and appointed Dwight Wiberg, A.L.S. as the chairman of an Ad Hoc Committee to further study this Boundary Tribunal process. What are the terms of reference of this Committee?
- 7 b) Discuss how Section 9 of the Surveys Act (RSA 1987, Chapter S 29-1) impacts the Statutory Boundary Tribunal.
11. There are certain Committees within the Alberta Land Surveyors' Association.
- 2 a) What is the difference between a Statutory Committee and a Standing Committee (i.e. Non-statutory Committee);
- 4 b) Name all the Standing Committees of the ALSA and briefly describe each of their functions; and
- 4 c) Name all the Statutory Committees of the ALSA and briefly describe each of their functions.

100 Total

* The End*