

National Exams December 2013

**04-Geom-B6, Land Use, Planning & Environmental
Management**

(3 hours duration)

NOTES:

1. If doubt exists as to the interpretation of any question, the candidate is urged to submit with the answer paper, a clear statement of any assumptions made.
2. This is a **CLOSED BOOK EXAM**.
3. **FIVE (5)** questions constitute a complete exam paper. The first five questions as they appear in the answer book will be marked.
4. Each question is of equal value.

04-Geom-B6, Land Use, Planning & Environmental Management, December 2013 Technical Session

Candidate ID: _____ Name: _____ Signature: _____

Give answers to any five (5) of the following seven questions (100% total, 20 marks each).

1. Explain the following terms as they apply to land development (20 marks total, 2 marks each)
 - “Land use planning” defined by Canadian Institute of Planners
 - Environmental management system
 - Zoning by-law
 - Total developable area
 - Watershed plans
 - Wellhead protection areas
 - Environmental assessment
 - Spatial planning
 - Comprehensive community planning
 - Site alteration
2. Briefly describe the four stages of comprehensive community planning. (20 marks)
3. Describe the planners’ principles of community land use. (20 marks)
4. How and when to engage community members in land use planning? (20 marks)
5. Describe the Zoning By-law Process with a flowchart. How are zoning by-laws evaluated? (20 marks)
6. What is the difference between withdrawing lands from development through a land use plan vs. through the Protected Areas Strategy? (20 marks)
7. Is an environmental site assessment the same as an environmental assessment? Whether your answer is YES or NOT, provide details to support your answers. (20 marks)