

National Exams May 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. Any Sharp or Casio approved calculators are permitted.
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, May 2013 Technical Session

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)
 - planned unit development
 - sideyard setback
 - zoning plan
 - floor area ratio
 - footprint
 - Sustainable development
 - Spatial planning
 - “Land use planning” defined by Canadian Institute of Planners
 - Landscape ecology
 - Ecosystem
2. Briefly describe the main steps in land use planning. (20 marks)
3. Describe the planners’ principles of community land use. (20 marks)
4. The community-planning process consists of essentially two planning processes. One is the normative process and the other is the technical process. Briefly define and/or describe these two processes and explain the difference between the two. (20 marks)
5. Using Canadian examples in metropolitan planning to describe the four forms of metropolitan development. (20 marks)
6. Describe the characteristics of small town development with a focus on land-use patterns. (20 marks)
7. List and briefly explain the key participants in the three phases of community planning. (20 marks)