

National Exams May 2016

04-Geom-B6: Land Use Planning and 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.

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

1. Describe the Garden City concept in the 19th century. What were the main dimensions of Howard's "Three Magnets" diagram? (20 marks)
2. What is zoning? What are the three major factors on which zoning is based? By comparing the traditional zone structures, briefly explain how overlay zoning works and its advantages. (20 marks)
3. Describe the growth management approach and explain the major categories of the control options available for a municipality to use. (20 marks)
4. Briefly define and describe the normative process and the technical process in community-planning process, explain the differences 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. What is so-called smart growth? Explain the keys to planning success with smart growth. (20 marks)