

**THE NATIONAL UNIVERSITY OF LESOTHO**  
**ES 341 PRINCIPLES OF ENVIRONMENTAL PLANNING**  
**B.Sc SUPPLEMENTARY EXAMINATIONS**

**AUGUST 2012**

**MARKS: 100**

**TIME: 3HRS**

Answer **ANY FOUR** questions.

1.
  - i) Which definition of planning do you most fancy? And why? (6)
  - ii) Why is the planning process considered '*cyclical*'? (4)
  - iii) With the aid of examples from your reading, demonstrate the difference between planning GOALS, OBJECTIVES and TARGETS (15). **[25]**
2.
  - i) Explain the difference between 'rationality' and 'rationalism'? (5)
  - ii) Mention and briefly discuss the four axioms of rational choice suggested by Alexander (1990) (20). **[25]**
3. Provide brief notes to demonstrate your understanding of the terms/concepts listed below. Your notes should not be less than half a page on each concept.
  - I. Pareto optimal market condition (5)
  - II. Prisoner's Dilemma (5)
  - III. Non-excludable goods/services (5)
  - IV. Non-rival goods/services (5)
  - V. Public Interest (5)**[25]**
4. With the aid of examples from your reading, discuss how environmental externalities may justify government intervention in the operations of free land market. **[25]**
5. Write a five-point essay in defense of stakeholder/collaborative approaches to public sector decision-making in the environmental sector. Support your discussion with relevant examples from your reading. **[25]**
6. Planners may assume different roles depending on the planning contexts in which they work. Mention any two such roles and discuss the planning conditions under which each of the two roles that you have mentioned would be most appropriate. Support your answer with appropriate examples/illustrations. **[25]**