



KENYATTA UNIVERSITY
UNIVERSITY EXAMINATIONS 2011/2012
SECOND SEMESTER EXAMINATION FOR THE DEGREE OF SCIENCE
(COASTAL AND MARINE RESOURCE MANAGEMENT)

SMR 209: PRINCIPLES OF RESOURCE MANAGEMENT

DATE: Monday 2nd April 2012

TIME: 4.30p.m – 6.30p.m

INSTRUCTIONS

Answer ALL questions from Section A and any ONE Question from Section B. Within Section A all questions carry equal marks (5marks). Illustrate your answers with diagrams and give examples where appropriate.

SECTION A: (40 marks)

Answer all questions

1. Explain the following terms
 - a) Natural resources
 - b) Natural resources management
2. Outline five effects of natural resource degradation.
3. Explain the meaning of the term 'carrying capacity'
4. In relation to natural resource management explain sustainable development.
5. Outline the importance of public participation in the management of natural resources.
6. Explain objective entrenched in natural resource management practice.
7. Describe any economic principle of natural resource management citing strengths, weakness and application.
8. Discuss the Hardin's Theory.

SECTION B: (30 marks)

Answer any ONE question

9. Discuss the factors that influence the distribution, abundance and use of natural resources.
10. Discuss principles of natural resource management under the following headings: environmental and social.
11. a) Explain causes of environmental and natural resource degradation in Kenya, providing mitigative measures.
b) Describe the roles of three institutions in Kenya mandated with natural resource management.