



MACHAKOS UNIVERSITY COLLEGE

(A Constituent College of Kenyatta University)
University Examinations for 2015/2016 Academic Year

SCHOOL OF AGRICULTURE & NATURAL RESOURCES

DEPARTMENT OF AGRICULTURE

FIRST SEMESTER EXAMINATION FOR BACHELOR OF SCIENCE IN
ENVIRONMENTAL STUDIES (COMMUNITY DEVELOPMENT)

BACHELOR OF SCIENCE IN NATURAL RESOURCE CONSERVATION

EPM 111: ENVIRONMENTAL PLANNING AND MANAGEMENT

Date: 7/12/2015

Time: 8:30 – 10:30 AM

INSTRUCTIONS:

Answer Question One and Any Other Two Questions.

1.
 - a) What is EMCA (1999) (5 marks)
 - b) Explain the meaning of “Sustainable development” (5 marks)
 - c) Give five benefits of Environmental Audits. (5 marks)
 - d) Explain the meaning of “Land tenure” (5 marks)
 - e) Explain the five characteristics of a Goal as applied in Planning (5 marks)
 - f) What is NEMA? (5 marks)
2.
 - a) Explain five objectives of the “Brunt land commission” of 1985 (10 marks)
 - b) Explain any five Global environmental problems (10 marks)
3.
 - a) Explain the stages followed in developing an Environmental Impact Assessment (10 marks)
 - b) Describe the process of Environmental Action planning (10 marks)

4. a) Discuss three land tenure systems practiced in Kenya. (10 marks)
- b) Discuss any two environmental systems? (10 marks)
5. a) Explain any four principles of Environmental Planning and Management (10 marks)
- b) What is the United Nations world charter for Nature (2 marks)
- c) Outline the four rules of Principle No.1 of the United Nations' World Charter for Nature of 1982 (8 marks)