



MACHAKOS UNIVERSITY

University Examinations for 2017/2018

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES MANAGEMENT

**DEPARTMENT OF ENVIRONMENTAL STUDIES AND COMMUNITY
DEVELOPMENT**

**FIRST YEAR FIRST SEMESTER EXAMINATION FOR BACHELOR OF
ENVIRONMENTAL STUDIES (COMMUNITY DEVELOPMENT)**

BACHELOR OF ENVIRONMENTAL SCIENCE

BACHELOR OF ENVIRONMENTAL STUDIES (RESOURCE CONSERVATION)

BACHELOR OF SCIENCE IN COMMUNITY RESOURCE MANAGEMENT

EPM 111: PRINCIPLES OF ENVIRONMENTAL PLANNING AND MANAGEMENT

DATE: 13/12/2017

TIME: 8.30-10.30 AM

INSTRUCTIONS:

Answer question ONE and any other TWO questions

1. a) Explain the following terms:
 - i Environment (2 marks)
 - ii Environmental planning (2 marks)
 - iii Urbanization (2 marks)
 - iv Sustainable development (2 marks)
 - v EMCA (1999) (2 marks)
- b) Explain five benefits of environmental audits (10 marks)
- c) Using examples, explain two types of water pollution (10 marks)
2. a) Explain the objectives of the Brunt land commission (10 marks)
- b) Describe five Global environmental problems (10 marks)
3. Discuss the role of Environmental Impact Assessment in Kenya (20 marks)
4. a) Explain five negative impacts of agricultural practices on the environment (10 marks)
- b) Explain the polluter pays principle and its relevance in environmental management (10 marks)
5. Discuss five adverse impacts of urbanization in Machakos town. (20 marks)