



## TECHNICAL UNIVERSITY OF MOMBASA

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FACULTY OF APPLIED AND HEALTH SCIENCES  
DEPARTMENT OF ENVIRONMENT & HEALTH SCIENCES  
**UNIVERSITY EXAMINATION FOR:**  
BSC MARINE RESOURCE MANAGEMENT (BSMR 14S)  
AES 4208: ENVIRONMENTAL POLICY AND GOVERNANCE  
END OF SEMESTER EXAMINATION  
**SERIES:** APRIL 2016  
**TIME:** 2 HOURS  
**DATE:** Pick Date Apr 2016

### **Instructions to Candidates**

You should have the following for this examination

*-Answer Booklet, examination pass and student ID*

This paper consists of **FIVE** Question(s). Attempt question ONE (Compulsory) and any other TWO questions.

PAPER ONE

## AES 4207 ENVIRONMENTAL POLICY AND GOVERNANCE

### QUESTION ONE

- a) Explain the following terms with reference to the environment and natural resources.
  - i) Biodiversity (2 marks)
  - ii) Biopiracy (2 marks)
  - iii) Catchment area (2 marks)
  - iv) Ecosystem (2 marks)
  - v) Invasive and alien species. (2 marks)
- b) Briefly describe the major drivers of environmental degradation in Kenya. (6 marks)
- c) Constitution of Kenya 2010 was hailed as a 'Green' Constitution. Explain. (6 marks)
- d) Explain the following principles on environment management
  - i) Precautionary Principle (2 marks)
  - ii) Polluter Pays Principle (2 marks)
- e) Outline the main threats facing ASALs (4 marks)

### QUESTION TWO

Discuss wildlife resources under the following headings

- a) Threats facing these resources (5 marks).
- b) Human wildlife conflicts (5 marks)
- c) Policy guideline proposals by the government (10 marks)

### QUESTION THREE

You have been appointed the Kwale County Environmental Officer; explain the strategic principles that should guide the County government to ensure success in Implementation of environmental Policy. (20 marks)

### QUESTION FOUR

- a) Describe the threats facing Coastal and marine ecosystems in Kenya today. (10 marks)
- b) Discuss the government policy proposals aimed at addressing the threats in (a) above. (10 marks)

### QUESTION FIVE

Kenya Environment Policy (2013), gives the framework to guide the country's efforts in addressing the ever-growing environmental issues and challenges; Discuss any five such environmental issues and challenges. (20 marks)