

**TECHNICAL UNIVERSITY OF MOMBASA**

---

FACULTY OF APPLIED AND HEALTH SCIENCES  
DEPARTMENT OF ENVIRONMENT & HEALTH SCIENCES

**UNIVERSITY EXAMINATION FOR:**  
BSC MARINE RESOURCE MANAGEMENT  
AES 4107: ENVIRONMENTAL EDUCATION  
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

### Question ONE

- a) Explain the following terms
  - i. Outdoor education (2 marks).
  - ii. Experiential education(2 marks)
  - iii. Sustainable development (2 marks)
  - iv. [Environmental sustainability](#)(2 marks)
- b) Define environmental communication and describe the activities of an environmental communication practitioner (6 marks)
- c) Outline functions of environmental journalism (5 marks)
- d) Outline characteristics of a good environmental journalist (5 marks)
- e) Describe the major drivers of loss of biodiversity in Kenya.(6 marks)

### Question TWO

- (a) Discuss the threats facing Coastal and marine ecosystems in Kenya (10 mark)
- (b) How can the above threats in (a) above be addressed (10 marks)

### Question THREE

- (a) Discuss effects of overpopulation on natural resources (10marks)
- (b) Discuss the major drivers of biodiversity loss in Kenya (10 marks)

### Question FOUR

Discuss any five environmental consequences of global warming (20 marks)

### Question FIVE

- a) Describe the most notable drivers of environmental degradation in Kenya today. (10 marks)
- b) The survival and socio-economic wellbeing of Kenyans is ultimately intertwined with the environment. Explain this statement. (10marks)