



TECHNICAL UNIVERSITY OF MOMBASA

FACULTY OF APPLIED AND HEALTH SCIENCES
DEPARTMENT OF ENVIRONMENT & HEALTH SCIENCES
**UNIVERSITY EXAMINATION FOR:
BACHELOR OF SCIENCE IN MARINE RESOURCE MANAGEMENT**

**BSMR/16S/YEAR 2/ SEMESTER 2
AES 4107: ENVIRONMENTAL EDUCATION
SPECIAL SUPPLEMENTARY EXAMINATION
SERIES: SEPT. 2017
TIME: 2 HOURS**

Instructions to Candidates

This paper consists of FIVE questions

Answer question ONE (COMPULSORY) and any other TWO questions.

This paper consists of two printed pages.

Mobile phones are NOT allowed in the examination room

Question one (30 Marks)

- a. Define the following terms.
 - i. Climate Change Education (CCE) **(1mark)**
 - ii. Environmental ethics **(1mark)**
 - iii. Environmental Sustainability **(1mark)**
 - iv. Education for Sustainable Development (ESD) **(1mark)**
 - v. Ecological feminism (ecofeminism) **(1mark)**
- b. Differentiate between environmental persuasion and environmental negotiation. **(2marks)**
- c. Describe the components of environmental education. **(5marks).**
- d. Describe the biological impacts of mining. **(5marks)**
- e. Outline the challenges faced by Environmental Educators in Kenya. **(4marks)**

- f. Outline the activities carried by environmental stewards in Kenya today. **(4marks)**
- g. Describe human systems at risk due to global warming. **(5marks)**

Question TWO

- A. Discuss the key features of Environmental Education **(10marks)**
- B. Discuss the relevance of environmental education in the management of marine resources. **(10marks)**.

Question THREE

- A. 'Environmental education is different from environmental information'. Discuss giving examples where necessary **(10marks)**.
- B. Discuss the importance of media in environmental resource conservation and management **(10marks)**

Question FOUR

Discuss the Corporate Social Responsibility (CSR) policies for sustainability **(20 marks)**

Question FIVE

- A. Discuss the indicator of environmental degradation in Marine environment. **(10marks)**
- B. Discuss the sources of environmental education that can be used to support policies in environmental management. **(10 marks)**