



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2015/2016

**FIRST YEAR SECOND SEMESTER EXAMINATION FOR THE DEGREE
OF BACHELOR OF BACHELOR OF EDUCATION WITH INFORMATION
TECHNOLOGY**

MAIN CAMPUS

EMA 111: ENVIRONMENTAL EDUCATION

Date: 19th April, 2016

Time: 2.30 - 4.30pm

INSTRUCTIONS:

- **Answer Question ONE and any other TWO Questions**



- 1a) Define the term “environmental education for sustainability”? ,
(2marks)
- b). Explain the characteristics of a teacher who is capable of promoting environmental education for sustainability.
(10marks)
- c). Discuss the principles of environmental education in the secondary school curriculum in Kenya within the framework of education for sustainability.
(12marks)
- d). Explain any 3 objectives of environmental education.
(6 marks)
2. In teaching about environmental issues in Kenya certain special techniques are employed.
- a). Explain four examples of such special techniques and give the advantages of using such techniques.
(12 marks)
- b).For any one of two techniques, briefly describe how you would employ them to teach the topic “waste management.”
(8 marks)
3. The present state of the environment in Kenyan calls for urgent environmental conservation and management measures.
- a) How is environmental conservation related to environmental management?
(4 marks)
- b). Identify and describe any 6 environmental problems facing Kenya highlighting their possible causes.
(12 marks)
- c). Identify any four measures that the government is taking to improve the environment in Kenyan .
(4 marks)
4. The term spaceship earth was popularized by American inventor Buckminster Fuller. Justify the use of this term in the teaching of environmental education.
(20marks)
5. Discuss the history of environmental education.
(20marks)