



MASEÑO UNIVERSITY
UNIVERSITY EXAMINATIONS 2016/2017

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

MAIN CAMPUS

EMA 111: ENVIRONMENTAL EDUCATION

Date: 6th June, 2017

Time: 3.30 - 6.30pm

INSTRUCTIONS:

- Answer Question ONE and any other TWO



2. a) Give the definition of ecological crisis as used in Environmental Education and explain THREE of its causes. **(5marks)**
- b. Greenhouse gases are increasing their concentration in the atmosphere. This is elevating the temperature in the lower atmosphere and contributing to global warming.
- (i) Name the principle greenhouse gases; and for each,
- (ii) State how it is formed in the atmosphere its effects and how it can be controlled. **(15 marks)**
3. a) Explain any **Ten** principles in the study of environmental education. **(10 marks)**
- b) Explain the concerns of the Tbilisi conference in reference to the teaching of environmental education in educational institutions. **(3marks)**
- c) Discuss the concept of abiotic factors and explain the relevance of each to the environment **(7marks)**
4. The present state of the degraded Kenyan environment calls for urgent environmental conservation and management measures.
- a) How is environmental conservation related to environmental management **(4 marks)**
- b). Describe any 6 environmental problems facing Kenya highlighting their possible causes. **(12 marks)**
- c). Examine any four measures that the government of Kenya is taking to improve the environment. **(4 marks)**