

Mount Kenya University



UNIVERSITY EXAMINATIONS 2014/2015

DEPARTMENT OF EDUCATIONAL TECHNOLOGY AND COMMUNICATION

BACHELOR OF EDUCATION
SCHOOL BASED

UNIT CODE: BEM4101

UNIT TITLE: ENVIRONMENTAL EDUCATION

DATE: APRIL/MAY 2015

PROGRAMME

TIME: 2 HOURS

INSTRUCTIONS: ANSWER ALL QUESTIONS. SHOW CLEAR REASONING.

QUESTIONS

1. a) Define the following terms; (2 Marks)
 - i) Ecosystem. (2 Marks)
 - ii) Ecology. (2 Marks)
 - iii) Pollution. (2 Marks)
- b) State four objectives of environmental education. (4 Marks)
- c) Identify any three threats of natural resources. (3 Marks)
- d) Outline two precautions for earthquakes. (2 Marks)
- e) Give five factors that cause change in population size. (5 Marks)

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- f) Briefly explain two ways how industrial activities affect the quality of water. (4 Marks)
- g) Identify four strategies that can be put in place to conserve forests. (4 Marks)

SECTION B

2. a) Define the term **water resources**. (2 Marks)
- b) Explain the **importance of water resources**. (8 Marks)
- c) State and explain five activities that lead to shrinking of **water resources**. (10 Marks)
3. a) Define the term **wetlands**. (2 Marks)
- b) Explain five **importance of wetlands**. (10 Marks)
- c) Discuss **conservation of wetlands**. (8 Marks)
4. a) Define the term **environmental sustainability**. (2 Marks)
- b) Explain four approaches to environmental protection in Kenya and the world. (8 Marks)
- c) Explain five purposes of environmental law in Kenya. (10 Marks)
5. a) Identify five harmful impacts of agriculture on the environment. (5 Marks)
- b) Explain five solutions to environmental problems caused through agriculture. (10 Marks)
- c) State five environmental problems caused by industries. (5 Marks)