



UNIVERSITY EXAMINATIONS: 2013/2014
EXAMINATION FOR THE BACHELOR OF EDUCATION & ARTS

UCU 102 ENVIRONMENTAL EDUCATION

DATE: APRIL, 2014

TIME: 1½ HOURS

INSTRUCTIONS: Answer Question One and Any Other Two Questions

QUESTION ONE

- a) Explain the meaning of the following concepts as used in environmental Education;
- i) Sustainable development
 - ii) Bio-physical
 - iii) Eco-systems
 - iv) Eco-sphere
 - v) Food chain (10 Marks)
- b) Explain the relevance of environmental education to a student teacher. (3 Marks)
- (ii) Illustrate briefly the energy flow in the ecosystem. (4 Marks)
 - (iii) Briefly discuss the four layers of the atmosphere. (8 Marks)
 - (iv) Highlight any five environmental issues related to urban centers. (5 Marks)

QUESTION TWO

- a) Discuss any five recommendations for solving environmental issues in the rural areas, (10 Marks).
- b) Explain five major causes of deforestation in Kenya. (10 Marks)

QUESTION THREE

- a) Discuss any two emerging environmental issues today. (10 Marks)
- b) Explain five consequences of the depletion of the ozone layer. (10 Marks)

QUESTION FOUR

- a) Elaborate the relationship between the health of an individual, the community and the environment. (10 Marks)
- b) Discuss any five aspects that would enhance the achievement of sustainable development. (10 Marks)

QUESTION FIVE

- a) Explain five factors that influence the effects of pesticides on human health. (10 Marks)
- b) Highlight any five contemporary factors that may influence change in population sizes. (5 Marks)
- c) Outline any five uses of the environmental law in Kenya. (5 Marks)