



# MACHAKOS UNIVERSITY

University Examinations for 2016/2017

SCHOOL OF AGRICULTURE AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL STUDIES

FIRST YEAR FIRST SEMESTER EXAMINATION FOR BACHELOR OF

SCIENCE IN ENVIRONMENTAL STUDIES (COMMUNITY DEVELOPMENT)

EED 100: PRINCIPLES OF ENVIRONMENTAL EDUCATION

DATE: 6/6/2017

TIME: 11:00 – 1:00 PM

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**INSTRUCTIONS:**

*Answer Question ONE and ANY other Two Questions*

**SECTION A: 30 MARKS**

**QUESTION ONE (COMPULSORY): 30 MARKS**

- a) Explain the following definitional concepts:
- (i) Environment (3 marks)
  - (ii) Environmental education (4 marks)
- b) What is the role of environmental education at the global level in your own opinion (4 marks)
- c) Highlight the five themes of 1972 Stockholm conference on Human Environment (5 marks)
- d) Describe the approaches used to teach environmental education in Kenya (6 marks)
- e) Explain the aims of environmental education in Kenya (8 marks)

**SECTION B: ANSWER ANY OTHER TWO QUESTIONS 40 MARKS**

**QUESTION TWO (20 MARKS)**

Discuss environmental education in Kenya (20 marks)

**QUESTION THREE (20 MARKS)**

a) Explain five guiding principles of environmental education (10 marks)

b) By use of a diagram, explain the four dimensions of an environment (10 marks)

**QUESTION FOUR (20 MARKS)**

a) As an environmental educationist describe:

i) Using specific examples, the target groups for environmental education in Kenya (4 marks)

ii) The rationale of teaching environmental education in Kenya (6 marks)

b) Discuss the Tbilisi Declaration (1977) Conference five criteria for developing environmental education (10 marks)

**QUESTION FIVE (20 MARKS)**

a) Explain the role of the following institutions of environmental education in Kenya:

i. Governmental and Intergovernmental bodies (4 marks)

ii. Civil society and Non-governmental organizations (4 marks)

iii. Private sector (2 marks)

b) Discuss the steps for environmental education in Kenya (10 marks)