



# MACHAKOS UNIVERSITY

University Examinations for 2018/2019 Academic Year

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL SCIENCES

FIRST YEAR SPECIAL/SUPPLEMENTARY EXAMINATION FOR  
BACHELOR OF ENVIRONMENTAL STUDIES AND COMMUNITY DEVELOPMENT

EED 100: PRINCIPLES OF ENVIRONMENTAL EDUCATION

DATE: 23/7/2019

TIME: 8.30-10.30 AM

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## INSTRUCTIONS;

Answer question ONE and any other TWO questions

SECTION ONE: 30 MARKS

### QUESTION ONE (COMPULSORY) 30 MARKS

- a) Explain the following definitional concepts:
  - i. Sustainable development (2 marks)
  - ii. Environmental education (2 marks)
- b) What is the role of environmental education at the global level in your own opinion (5 marks)
- c) Highlight the five themes of 1972 Stockholm conference on Human Environment (5 marks)
- d) Explain the approaches used to teach environmental education in Kenya (8 marks)
- e) Explain the aims of environmental education in Kenya (8 marks)

### QUESTION TWO (20 MARKS)

Discuss the approaches to environmental education in Kenya

### **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) Using specific examples, explain the target groups for environmental education in Kenya (4 marks)
- b) Discuss the rationale of teaching environmental education in Kenya (6 marks)
- c) Discuss the five criteria for developing environmental education according to Tbilisi Declaration (1977) Conference (10 marks)

### **QUESTION FIVE (20 MARKS)**

Explain the role of the following institutions play in environmental education in Kenya:

- a) Governmental and Intergovernmental bodies (10 marks)
- b) Civil society organizations (10 marks)