



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

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)