



MACHAKOS UNIVERSITY

University Examinations for 2018/2019

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCE MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL SCIENCES

**FIRST YEAR SUPPLEMENTARY EXAMINATION FOR
BACHELOR OF ENVIRONMENTAL STUDIES (COMMUNITY DEVELOPMENT)
BACHELOR OF ENVIRONMENTAL STUDIES (RESOURCE CONSERVATION)**

ECD 100: FOUNDATIONS AND DEVELOPMENT OF ENVIRONMENTALISM

DATE: 25/9/2019

TIME: 2:00 – 4:00 PM

INSTRUCTIONS: Answer question ONE and any other TWO questions

QUESTION ONE (30 MARKS)

- a) Explain the following key terms
- i) Environment (2 marks)
 - ii) Ecosystem (2 marks)
 - iii) Biodiversity (2 marks)
 - iv) Sustainable development (2 marks)
 - v) Environmental worldviews (2 marks)
- b) Citing relevant examples, discuss the key environmental challenges and how they undermine sustainable community development in Kenya (10 marks)
- c) Citing relevant examples, discuss how technology can be used to promote concern for the environment in Kenya (10 marks)

QUESTION TWO (20 MARKS)

- a) Explain the guiding principles of the deep ecology philosophy (10 marks)
- b) Discuss the constraints and opportunities in environmental governance Kenya (10 marks)

QUESTION THREE (20 MARKS)

- a) Citing relevant examples discuss how environmental degradation affects the quality of life among different communities in Kenya (10 marks)
- b) Explain the role of the National Environment Management Authority (NEMA) in the protection of the environment in Kenya (10 marks)

QUESTION FOUR (20 MARKS)

Discuss the different environmental world views and highlight their assumptions.

QUESTION FIVE (20 MARKS)

Using relevant examples, discuss how achievement of the sustainable development goals will affect the quality of life in Kenya