



# 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**

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**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