



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 IN ENVIRONMENTAL STUDIES (COMMUNITY DEVELOPMENT)**

ENVIRONMENTAL STUDIES (RESOURCE CONSERVATION)

ECD 100: FOUNDATIONS AND DEVELOPMENT OF ENVIRONMENTALISM

DATE: 24/7/2019

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. Ecosystem (2 marks)
 - ii. Sustainable development (2 marks)
 - iii. Environmentalism (2 marks)
 - iv. Environmental worldviews (2 marks)
 - v. Intrinsic value (2 marks)
- b) Using appropriate examples explain the linkages between natural resources and human well-being (10 marks)
- c) Discuss different anthropocentric worldviews and how they influence environmental management (10 marks)

QUESTION TWO (20 MARKS)

Citing relevant examples, discuss the challenges and opportunities for the achievement of sustainable development goals in Kenya

QUESTION THREE (20 MARKS)

Citing relevant examples, discuss how consumer behavior can promote sustainable development

QUESTION FOUR (20 MARKS)

- a) As the head of the environment department in your county, discuss the policy and governance reforms you would recommend to promote sustainable environmental management in the county (10 marks)
- b) Discuss the role of non-governmental organizations in promoting effective environmental management (10 marks)

QUESTION FIVE (20 MARKS)

- a) Discuss the role of technological advancement in the development and future of environmentalism (10 marks)
- b) Citing appropriate examples compare the planetary management worldview and stewardship worldview (10 marks)