



MACHAKOS UNIVERSITY

University Examinations for 2018/2019 Academic Year

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL SCIENCES

SECOND YEAR SPECIAL/SUPPLEMENTARY EXAMINATION FOR

BACHELOR OF ENVIRONMENTAL STUDIES AND COMMUNITY DEVELOPMENT

ECD 202: ENVIRONMENTAL ANTHROPOLOGY AND INDIGENOUS KNOWLEDGE

SYSTEMS

DATE: 25/7/2019

TIME: 11.00-1.00 PM

INSTRUCTIONS:

Answer question ONE and any other TWO questions

QUESTION ONE (COMPULSORY) (30 MARKS)

- a) Define the following terms
 - i. Indigenous Knowledge (2 marks)
 - ii. Environmental determinism (2 marks)
- b) Explain five characteristics of anthropology. (10 marks)
- c) Discuss three factors of culture change. (6 marks)
- d) Discuss five limitations of indigenous knowledge as a tool for environmental conservation. (10 marks)

QUESTION TWO (20 MARKS)

- a) List any five components of culture and, with relevant examples, show how each is connected to the environment. (10 marks)
- b) Discuss any five functions of culture that are relevant to environmental protection. (10 marks)

QUESTION THREE (20 MARKS)

Cultural Determinism holds the opinion that the knowledge humans possess, their perceptions and interpretations about their environments determines their actions towards the environment. Discuss the statement.

QUESTION FOUR (20 MARKS)

Kenya has braced herself in drafting policies and laws for environmental governance and protection. Discuss some of these laws/policies and show the challenges that the country faces towards their implementation.

QUESTION FIVE (20 MARKS)

Humans have adapted to global environments through a combination of biological and cultural variations. Discuss the sources of these variations and give specific examples on how selected traits have assisted human beings to adapt to various environments