



MACHAKOS UNIVERSITY

University Examinations for 2018/2019

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCE MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL SCIENCES

SECOND YEAR SUPPLEMENTARY EXAMINATION FOR
BACHELOR OF ENVIRONMENTAL STUDIES AND COMMUNITY
DEVELOPMENT

ECD 202: ENVIRONMENTAL ANTHROPOLOGY AND INDIGENOUS
KNOWLEDGE SYSTEMS

DATE: 26/9/2019

TIME: 11:00 – 1:00 PM

INSTRUCTIONS: Answer question ONE and TWO other questions

QUESTION ONE (COMPULSORY) (30 MARKS)

- a) Define the following terms
- i) Anthropology (2 marks)
 - ii) Indigenous Knowledge (2 marks)
 - iii) Human adaptation (2 marks)
 - iv) Environmental anthropology (2 marks)
 - v) Archaeology (2 marks)
- b) Explain five characteristics of anthropology (10 marks)
- c) Discuss the features that make indigenous knowledge more relevant to environmental conservation compared to scientific knowledge (10 marks)

QUESTION TWO (20 MARKS)

- a) Explain 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)

- a) With relevant examples, discuss the main features of traditional African religion (10 marks)
- b) With relevant examples compare cultural determinism and environmental determinism. (10 marks)

QUESTION FOUR (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 FIVE (20 MARKS)

Discuss the sources of human variations and give specific examples on how selected traits have assisted human beings to adapt to various environments.