



MACHAKOS UNIVERSITY

University Examinations for 2017/2018

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL STUDIES AND COMMUNITY
DEVELOPMENT

SECOND YEAR FIRST SEMESTER EXAMINATION FOR BACHELOR OF
ENVIRONMENTAL STUDIES IN COMMUNITY DEVELOPMENT

ECD 202: ENVIRONMENTAL ANTHROPOLOGY AND INDIGINEOUS
KNOWLEDGE SYSTEMS

DATE: 11/12/2017

TIME: 2.00-4.00 PM

INSTRUCTIONS:

Answer question ONE and other TWO questions

QUESTION ONE (20 MARKS)

- a) Define the following terms
 - i. Environmental anthropology (2 marks)
 - ii. Indigenous Knowledge (2 marks)
 - iii. Environmental determinism (2 marks)
- b) Explain four branches of anthropology (8 marks)
- c) Explain three roles of modern religion in environmental management (6 marks)
- d) With five clearly explained reasons justify why the study of environmental anthropology important in environmental protection. (10 marks)

QUESTION TWO (20 MARKS)

- a) Compare and contrast indigenous knowledge with scientific Knowledge. (10 marks)
- b) Explain the importance of indigenous knowledge in environmental protection (10 marks)

QUESTION THREE (20 MARKS)

- a) Discuss five functions of culture that are relevant to environmental protection. (10 marks)

- b) With relevant examples discuss how culture has helped man to adapt to different environmental conditions (10 marks)

QUESTION FOUR (20 MARKS)

- a) Define the term “human adaptation” and describe three types of adaptations that have assisted human beings to survive different environmental conditions (8 marks)
- b) Discuss the four main traditional subsistence economies and explain their impacts on the environment. (12 marks)

QUESTION FIVE (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 (20 marks)