



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 IN ENVIRONMENTAL SCIENCES

ERC 203: CULTURE AND ENVIRONMENTAL CONSERVATION

DATE: 26/9/2019

TIME: 2.00-4.00 PM

INSTRUCTIONS;

Answer question ONE and any other TWO questions

QUESTION ONE

- A) Write short notes on the following
- i. Culture (2 marks)
 - ii. Ethnicity (2 marks)
 - iii. Indigenous knowledge systems (2 marks)
- B) Giving examples explain the two main categories of natural resources (12 marks)
- C) State four cultural uses of the environmental resources (12 marks)

QUESTION TWO

In reference to various ethnic groups in Kenya, discuss the role of indigenous knowledge in the management of natural resources (20 marks)

QUESTION THREE

- a) Explain the term 'communal land tenure system' (3 marks)
- b) Discuss how the land tenure system has changed up-to-date in Kenya (7 marks)
- c) Explain the effect of these changes on the conditions of water and forest resources (10 marks)

QUESTION FOUR

- a) Define sustainable development (4 marks)
- b) Giving examples explain how you would integrate development and culture in the process of ensuring proper natural resource management (16 marks)

QUESTION FIVE

Giving examples explain environmental consequences as a result of cultural change (20 marks)