



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 (RESOURCE CONSERVATION)**

ERC 203: CULTURE AND NATURAL RESOURCES

DATE:20/12/2017

TIME:8.30-10.30 AM

INSTRUCTIONS:

Answer Question One and any other Two questions

QUESTION ONE (30 MARKS)

- a) Explain the meaning of the following terms
 - i. Culture (2 marks)
 - ii. Indigenous knowledge (2 marks)
 - iii. Ethnic group (2 marks)
 - iv. Totem (2 marks)
 - v. Shrine (2 marks)
- b) Explain four cultural uses of the environmental resources (12 marks)
- c) Citing examples explain two major categories of natural resources (10 marks)

QUESTION TWO (20 MARKS)

Discuss the role of indigenous knowledge in the management of environmental resources

(20 marks)

QUESTION THREE (20 MARKS)

- a) Explain the term communal land system (4 marks)

- b) Discuss land tenure system changes in Kenya and their implications to the environmental resources. (16 marks)

QUESTION FOUR (20 MARKS)

- a) Explain the concept of sustainable development (4 marks)
- b) Explain the role of cultural belief in attaining sustainability in natural resources (16 marks)

QUESTION FIVE (20 MARKS)

Discuss the link between poverty and degradation of natural resources in Africa (20 marks)