



# MACHAKOS UNIVERSITY

University Examinations for 2016/2017

**SCHOOL OF AGRICULTURE AND NATURAL RESOURCES MANAGEMENT**

**DEPARTMENT OF ENVIRONMENTAL STUDIES**

**FIRST YEAR FIRST SEMESTER EXAMINATION FOR  
BACHELOR OF (ENVIRONMENTAL RESOURCES CONSERVATION)**

**ERC 108: NATURAL RESOURCES UTILIZATION AND MANAGEMENT**

**Date: 29/11/2016**

**Time: 2 Hours**

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**INSTRUCTIONS:**

**Answer ALL Questions in section A and ANY TWO questions in section B**

**SECTION A: 30 MARKS**

**QUESTION ONE (COMPULSORY) (30 MARKS)**

a) Explain the meaning of the following terms

- i) Natural resources (2 marks)
- ii) Sustainable development (2 marks)
- iii) Policy (2 marks)
- iv) Conservation (2 marks)
- v) Environment. (2 marks)
- vi) Citing examples, explain the two main categories of natural resources (8 marks)
- vii) Explain four main uses of forest resources in Kenya. (12 marks)

**SECTION B: 40 MARKS**

**QUESTION TWO (20 MARKS)**

Discuss five challenges and five opportunities in the management of Kenya's wildlife resources  
(20 marks)

**QUESTION THREE (20 MARKS)**

Discuss four strategies for sustainable utilization and management of water resources in Kenya  
(20 marks)

**QUESTION FOUR (20 MARKS)**

Explain five driving forces to depletion of natural resources in Kenya. (20 marks)

**QUESTION FIVE (20 MARKS)**

- a) Describe how natural resources laws are formulated in Kenya. (10 marks)
- b) Giving examples, explain any two laws used in the utilization and management of natural resources in Kenya. (10 marks)