



MACHAKOS UNIVERSITY

University Examinations for 2018/2019 Academic Year

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL SCIENCES

FIRST YEAR SPECIAL/SUPPLEMENTARY EXAMINATION FOR

BACHELOR IN ENVIRONMENTAL STUDIES (RESOURCE CONSERVATION)

ERC 108: NATURAL RESOURCES UTILIZATION AND MANAGEMENT

DATE: 26/9/2019

TIME: 8.30-10.30 AM

INSTRUCTIONS:

Answer question ONE and any other TWO questions

QUESTION ONE (30 MARKS)

- a) Give a definition of the following: -
- i. Natural resource utilization (3 marks)
 - ii. Water Resources Management (3 marks)
 - iii. Environmental policy (3 marks)
 - iv. Environmental Conservation (3 marks)
 - v. Sustainable Development (3 marks)
- b) Explain two categories of natural resources in Kenya (6 marks)
- c) Why is it important to have an environmental policy in natural resource utilization and management? (9 marks)

QUESTION TWO (20 MARKS)

Discuss TEN challenges facing Kenya Forest Service (KFS) in its attempt to effectively deliver their mandate

QUESTION THREE (20 MARKS)

Discuss some of the institutions in Kenya charged with the mandate of proper utilization and management of natural resources

QUESTION FOUR (20 MARKS)

Citing relevant examples, explain TEN factors responsible for the depletion of Natural Resources in Kenya

QUESTION FIVE (20 MARKS)

Natural resources utilization in Kenya is a major requisite for the realization of the BIG four Agendas. Discuss