



MACHAKOS UNIVERSITY

University Examinations for 2020/2021 Academic Year

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL SCIENCES

FIRST YEAR SPECIAL/SUPPLEMENTARY EXAMINATION FOR

BACHELOR OF ENVIRONMENTAL STUDIES (ENVIRONMENTAL RESOURCE
CONSERVATION)

ERC 108: NATURAL RESOURCE UTILIZATION AND MANAGEMENT

DATE: 24/3/2021

TIME: 8.30-10.30 AM

INSTRUCTIONS;

Answer question ONE and any other TWO questions

QUESTION ONE (30 MARKS)

- a) Explain the following: -
 - i. Natural Resources (2 marks)
 - ii. Utilization of Natural resources (4 marks)
- b) Discuss some of the characteristics of natural resources in Kenya while they are in their natural state (10 marks)
- c) Explain the significance of natural resource management in Kenya (14 marks)

QUESTION TWO (20 MARKS)

Citing examples, explain TEN natural resource related factors that are responsible for recurrent conflicts over their consumption patterns in some parts of Kenya

QUESTION THREE (20 MARKS)

Discuss some of the legal and institutional frameworks that are used by the Government of Kenya in the Management of Natural resources.

QUESTION FOUR (20 MARKS)

Citing local examples, discuss the challenges and opportunities that natural resource conservationists are facing in the implementation of Natural Resource Laws in Kenya

QUESTION FIVE (20 MARKS)

Discuss the importance of traditional knowledge practices in natural resource utilization and management in your community