



MACHAKOS UNIVERSITY

University Examinations for 2020/2021 Academic Year

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL SCIENCES

SECOND YEAR SPECIAL/SUPPLEMENTARY EXAMINATION FOR
BACHELOR OF ENVIRONMENTAL STUDIES (RESOURCE CONSERVATION)

ENS 246: FOREST RESOURCE MANAGEMENT

DATE: 25/3/2021

TIME: 11.00-1.00 PM

INSTRUCTIONS;

Answer question ONE and any other TWO questions

QUESTION ONE (30 MARKS)

- a) Explain the following
- i. Forest (2 marks)
 - ii. Forest Products. (2 marks)
- b) Distinguish between the following
- i. Forest and Forestry (2 marks)
 - ii. Forest stand initiation and forest growth (4 marks)
 - iii. Indigenous forests and Exotic forests (4 marks)
- c) Discuss some of the factors that are responsible for forest destruction in Kenya (16 marks)

QUESTION TWO (20 MARKS)

Discuss the factors that enhance the growth and development of forest resources in any part of the Kenya

QUESTION THREE (20 MARKS)

Discuss the strategies the Government of Kenya has put in place for the conservation of the existing Water Towers

QUESTION FOUR (20 MARKS)

Discuss the role of County Government with regards to the management of the devolved forest management functions at the County level

QUESTION FIVE (20 MARKS)

Explain some of the major socio- economic and environmental functions of forest resources in Kenya