



MACHAKOS UNIVERSITY

University Examinations for 2020/2021 Academic Year

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL SCIENCES

SECOND YEAR FIRST SEMESTER EXAMINATION FOR

BACHELOR OF ENVIRONMENTAL STUDIES (COMMUNITY DEVELOPMENT)

ECD 206: PRINCIPLES OF NATURAL RESOURCES MANAGEMENT

DATE: 16/8/2021

TIME: 2.00-4.00 PM

INSTRUCTIONS:

Answer question ONE and any other TWO questions

QUESTION ONE (30 MARKS)

- Using a specific example, discuss the importance of natural resources in the socioeconomic development of your County (10 marks)
- Highlight any five principles of natural resources management (10 marks)
- Briefly discuss any five factors contributing to natural resources degradation in Kenya (10 marks)

QUESTION TWO (20 MARKS)

Discuss the challenges of involving local communities in the management of natural resources

QUESTION THREE (20 MARKS)

Discuss any **five** factors influencing the demand for surface water resources in Kenya

QUESTION FOUR (20 MARKS)

Using an illustration, discuss the advantages of renewable natural resources in the development of an area

QUESTION FIVE (20 MARKS)

Assuming that you have been appointed the Chief Natural Resources Manager in your County. Discuss various strategies you would put in place to ensure sustainable natural resources management in the County