



MACHAKOS UNIVERSITY

University Examinations for 2020/2021 Academic Year

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL SCIENCES

FOURTH YEAR FIRST SEMESTER EXAMINATION FOR

BACHELOR OF EDUCATION (SPECIAL NEEDS EDUCATION)

BACHELOR OF EDUCATION

BACHELOR OF ARTS

AGE 401: ENVIRONMENTAL CONSERVATION

DATE: 20/8/2021

TIME: 8.30-10.30 AM

INSTRUCTIONS:

Answer question ONE and any other TWO questions

QUESTION ONE (COMPULSORY) (30 MARKS)

- Explain why Kenyan farmers should adopt organic farming practices. (10 marks)
- Evaluate the factors that threaten the ecological integrity of forest ecosystems in Kenya. (10 marks)
- Discuss five international conventions dealing with conservation of natural resources. (10 marks)

QUESTION TWO (20 MARKS)

Discuss the soil conservation practices which you would recommend for adoption in Kenya.

QUESTION THREE (20 MARKS)

Assuming that you are an environmental officer working for the Machakos County Government, explain to the management board why funds should be set aside for wetland conservation practices.

QUESTION FOUR (20 MARKS)

The accelerated development of infrastructure has negatively affected wildlife conservation in Kenya. Justify this statement. (20 marks)

QUESTION FIVE (20 MARKS)

- a) Explain five categories of protected areas as classified by the International Union for Conservation of Nature. (10 marks)
- b) As a manager for coastal ecosystems in Kenya, discuss the techniques that you would apply in conservation of marine zones. (10 marks)