



MACHAKOS UNIVERSITY

University Examinations For 2021/2022 Academic Year

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL SCIENCES

FOURTH YEAR SECOND SEMESTER EXAMINATION FOR

**BACHELOR DEGREE OF ENVIRONMENTAL STUDIES (ENVIRONMENTAL
RESOURCE CONSERVATION)**

ERC 409: NON-FORMAL ENVIRONMENTAL EDUCATION

DATE:

TIME:

INSTRUCTIONS: Answer question ONE and any other TWO questions

QUESTION ONE (COMPULSORY) (30 MARKS)

- a) Explain the importance of developing non-formal environmental education programmes in Kenya. (10 marks)
- b) Discuss FIVE indicators which are used to assess a non-formal environmental education programme. (10 marks)
- c) Explain the differences between formal and non-formal environmental education programmes. (10 marks)

QUESTION TWO (20 MARKS)

- a) Discuss the key issues that should be considered when using Information, Communication and Technology in non-formal environmental education programmes in Kenya. (8 marks)
- b) As an education officer, discuss the different types of clients which you would target in a project focusing on non-formal environmental education in Machakos County. (12 marks)

QUESTION THREE (20 MARKS)

Discuss the various methods that are used in teaching in non-formal environmental education programmes.

QUESTION FOUR (20 MARKS)

Print and electronic media are important in promotion of non-formal environmental education in Kenya. Discuss this statement.

QUESTION FIVE (20 MARKS)

- a) Discuss the problems facing adult education programmes in Kenya. (6 marks)
- b) Explain the importance of planning in a non-formal environmental education programme in Kenya. (14 marks)