



MACHAKOS UNIVERSITY

University Examinations For 2018/2019 Academic Year

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL SCIENCES

FOURTH YEAR SECOND SEMESTER EXAMINATION FOR

BACHELOR OF ENVIRONMENTAL STUDIES (RESOURCE CONSERVATION)

ERC 409: NON-FORMAL ENVIRONMENTAL EDUCATION

DATE: 29/4/2019

TIME: 11:00 – 1:00 PM

INSTRUCTIONS: Answer question ONE and any other TWO questions

QUESTION ONE (30 Marks)

- a) Explain the following terms:
- i) Incidental education (2 marks)
 - ii) Formal education (2 marks)
 - iii) Mass media (2 marks)
 - iv) Environmental advocacy (2 marks)
 - v) Citizen participation (2 marks)
- b) Explain the characteristics of non- formal education (10 marks)
- c) Explain five ways interest groups can influence public opinion on environmental conservation. (10 marks)

QUESTION TWO (20 MARKS)

Discuss the principles of extension services and the relevance in disseminating environmental information.

QUESTION THREE (20 Marks)

- a) Differentiate formal and non- formal education. (10 marks)
- b) Explain the role of social groups in environmental conservation. (10 marks)

QUESTION FOUR (20 MARKS)

- a) Explain the significance of non-formal education to specific beneficiaries. (10 marks)
- b) Compare and contrast the effectiveness of radio versus television in promotion of non-formal education. (10 marks)

QUESTION FIVE (20 MARKS)

Discuss the role of Non governmental organizations in promoting environmental awareness in Kenya.