



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 ENVIRONMENTAL STUDIES (ENVIRONMENTAL RESOURCE
CONSERVATION)

ERC 402: ENVIRONMENTAL PROGRAMMES DEVELOPMENT

DATE: 9/8/2021

TIME: 11.00-1.00 PM

INSTRUCTIONS:

Answer question ONE and any other TWO questions

QUESTION ONE (30 MARKS)

- a) Outline the key steps you would follow in developing a suitable programme to address a **named** environmental challenge in your County (10 marks)
- b) Explain why it is important to have a clear monitoring mechanism when developing a specific environmental programme (10 marks)
- c) Briefly discuss any **five** challenges you are likely to face in mitigating environmental challenges in your County (10 marks)

QUESTION TWO (20 MARKS)

Discuss the necessity of a *situational analysis* exercise prior to developing a programme to deal with a specific environmental problem in a given location

QUESTION THREE (20 MARKS)

Discuss any five key challenges you are likely to face in developing an action plan for dealing with a **named** environmental challenge in your County

QUESTION FOUR (20 MARKS)

Discuss the need for having clear objectives when developing an environmental programme

QUESTION FIVE (20 MARKS)

Assume you have been appointed to advise the Governor of your County on how to deal with land degradation in the County. Discuss how you would undertake the assignment