



MACHAKOS UNIVERSITY

University Examinations for 2019/2020 Academic Year

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL SCIENCES

FOURTH YEARSEMESTER EXAMINATION FOR

BACHELOR OF ENVIRONMENTAL STUDIES (RESOURCE CONSERVATION)

ERC 402: ENVIRONMENTAL PROGRAMMES DEVELOPMENT

DATE:

TIME:

INSTRUCTIONS:

Answer question ONE and any other TWO questions

QUESTION ONE (20 MARKS)

- Outline the key steps you would follow in developing a suitable programme to address **named** environmental challenge in your County (10 marks)
- Explain why it is important to have a clear monitoring mechanism when developing an environmental programme to address an environmental issue (10 marks)
- 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 key factors you would consider in initiating a suitable programme for a given environmental challenge in a specific location

QUESTION THREE (20 MARKS)

Suppose you have been appointed to advise the Governor of your County on how to deal with deforestation in the County, discuss how you would undertake the assignment and indicate the challenges you are likely to face

QUESTION FOUR (20 MARKS)

Discuss why it is necessary to have clear objectives when developing an environmental programme for waste management in Machakos Town

QUESTION FIVE (20 MARKS)

Discuss why it is necessary to undertake a *situational analysis* before developing a programme to deal with a specific environmental problem in an area