



MACHAKOS UNIVERSITY

University Examinations for 2018/2019

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL SCIENCES

FOURTH YEAR SUPPLEMENTARY EXAMINATION FOR

BACHELOR OF ENVIRONMENTAL STUDIES (RESOURCE CONSERVATION)

ERC 402: ENVIRONMENTAL PROGRAMS DEVELOPMENT

DATE: 26/9/2019

TIME: 2:00 – 4:00 PM

INSTRUCTIONS: Answer question ONE and any other TWO questions

QUESTION ONE (COMPULSORY) (30 MARKS)

- a) Define the following terms:
- i) Primary stakeholders (2 marks)
 - ii) Problem (2 marks)
 - iii) Situational analysis (2 marks)
 - iv) Concept note (2 marks)
 - v) Institutional assessment (2 marks)
- b) Explain the rationale for Environment Programs development (10 marks)
- c) Outline five issues to consider when determining stakeholder involvement in a project (10 marks)

QUESTION TWO (20 MARKS)

Citing relevant examples, discuss the various approaches to development

QUESTION THREE (20 MARKS)

Identify the basic steps for carrying out a situational analysis for the protection and restoration of the Mara Ecosystem

QUESTION FOUR (20 MARKS)

- a) Outline the steps involved in problem description for solid waste disposal in Machakos Town (10 marks)
- b) Explain how you can analyse and prioritize the solid waste disposal challenge in Machakos town (10 marks)

QUESTION FIVE (20 Marks)

- a) Citing relevant examples, differentiate between the program approach and sub-sector project approach in the effectiveness of a project (12 marks)
- b) Explain the role of Monitoring and Evaluation for projects (8 marks)