



MACHAKOS UNIVERSITY

University Examinations for 2020/2021 Academic Year

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL SCIENCES

THIRD YEAR FIRST SEMESTER EXAMINATION FOR

BACHELOR OF ENVIRONMENTAL STUDIES (COMMUNITY DEVELOPMENT)

ESU 300: ENVIRONMENTAL IMPACT ASSESSMENT AND AUDIT

DATE: 9/8/2021

TIME: 8.30-10.30 AM

INSTRUCTIONS:

Answer question ONE and any other TWO questions

QUESTION ONE (30 MARKS)

- Briefly discuss the benefits of **Environmental Impact Assessment** (EIA) (10 marks)
- Highlight any five challenges associated with the application of **Strategic Environmental Assessment** (SEA) (10 marks)
- Explain the necessity of **Environmental Audit** (EA) for an ongoing project (10 marks)

QUESTION TWO (20 MARKS)

Discuss the **need for** and **limitations of** public participation in environmental assessment

QUESTION THREE (20 MARKS)

Discuss how to manage the adverse impacts associated with a **named** proposed development project in your County

QUESTION FOUR (20 MARKS)

Based on the EIA Report submitted to the National Environment Management Authority of Kenya, discuss how a decision is made by the Authority on the viability of a proposed project

QUESTION FIVE (20 MARKS)

Discuss practical strategies you would institute to promote environmental assessment process in your County.