



MACHAKOS UNIVERSITY

University Examinations for 2019/2020 Academic Year

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL SCIENCES

THIRD YEAR SPECIAL/SUPPLEMENTARY EXAMINATION FOR

BACHELOR OF ENVIRONMENTAL STUDIES (COMMUNITY DEVELOPMENT)

ESU 300: ENVIRONMENTAL IMPACT ASSESSMENT AND AUDIT

DATE: 19/01/2021

TIME: 8.30-10.30 AM

INSTRUCTIONS:

Answer question ONE and any other TWO questions

QUESTION ONE (30 MARKS)

- a) Using a specific example, briefly discuss the importance of the **Environmental Impact Assessment** process in environmental management (10 marks)
- b) Highlight five key principles of the **Strategic Environmental Assessment** process (10 marks)
- c) Explain the need for conducting an Environmental Audit for an ongoing project (10 marks)

QUESTION TWO (20 MARKS)

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

QUESTION THREE (20 MARKS)

You have recently been appointed the Chief Environmental Advisor to the Governor of your County, discuss the key regulatory frameworks you will use in your brief to the Governor regarding development activities in the County

QUESTION FOUR (20 MARKS)

Discuss any **five** factors that influence decision making regarding the viability of a proposed project based on the Environmental Impact Assessment Report by the National Environment Management Authority of Kenya

QUESTION FIVE (20 MARKS)

Using a suitable illustration, discuss the challenges of stakeholder participation during environmental assessment and indicate ways to deal with the challenges