



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY
EXAMINATIONS 2018/2019 ACADEMIC
YEAR**

FOURTH YEAR SECOND SEMESTER

**SCHOOL OF TOURISM AND NATURAL
RESOURCE MANAGEMENT
BACHELOR OF SCIENCE IN
ENVIRONMENTAL STUDIES**

COURSE CODE: SES 410

**COURSE TITLE: TECHNIQUES FOR
ASSESSING**

**ENVIRONMENTAL
IMPACTS**

**DATE: 15TH APRIL 2019
-10.30AM**

TIME: 8.30AM

INSTRUCTIONS TO CANDIDATES

Answer **ALL** questions in section **A** and any other **THREE** in section **B**.

This paper consists of 2 printed pages. Please turn over

SECTION A: 25 MARKS: ANSWER ALL QUESTIONS

1. Explain the meaning of the following terms:
 - a. Mitigation measures
 - b. Environmental monitoring
 - c. Scoping
 - d. Environmental audits
 - e. Terms of reference

(10 marks)
2. Briefly explain the steps you follow in an environmental audit
(4 marks)
3. Briefly explain LCA approach in integrated environmental assessment
(4 marks)
4. Outline the main objectives of Environmental Impact Assessment (EIA)
(3 marks)
5. Briefly explain why the role of EIA in sustainable development
(4 marks)

SECTION B: 45 MARKS ANSWER ANY 3 QUESTIONS

6. Discuss the institutional framework of environmental assessments in Kenya .
(15 marks)

7. Discuss the value of strategic environmental assessment (SEA) in development of a developing country such as Kenya.

(15 marks)

8. Using specific examples, discuss the concept of option analysis as used in environmental assessment.

(15 marks)

9. Environmental impact Assessment is a legal requirement in Kenya for projects. Discuss the principles that guide the performance of EIA in Kenya.

(15 marks)

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