



# **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: 15<sup>TH</sup> APRIL 2019**

**TIME: 8.30AM -10.30AM**

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**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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