



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2023/2024 ACADEMIC YEAR
FOURTH YEAR SECOND SEMESTER**

**SCHOOL OF NATURAL RESOURCES,
ENVIRONMENTAL STUDIES AND
AGRICULTURE**

**BACHELOR OF URBAN AND REGIONAL
PLANNING**

**COURSE CODE: BES 3233-1
COURSE TITLE: ENVIRONMENTAL IMPACT
ASSESSMENT AND AUDIT**

DATE: 29/5/2024

TIME: 0230-0430HRS

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 - 20 MARKS

1. Using examples, explain the following concepts and terms: -
 - a) Permanent and temporal impacts (3 marks)
 - b) Continuous and intermittent impacts (3 marks)
 - c) Frequent and rare impacts (3 marks)
 - d) Reversible and Irreversible impact (3 marks)
 - e) Avoid and Reduce (2 marks)
 - f) Repair and Compensate (3 marks)
 - g) Strategic Environmental Assessment (SEA) (3 marks)

SECTION B - 30 MARKS

2. Using appropriate examples, explore the guiding principles of Environmental Impact Assessment. (10 marks)
3. Discuss the main phases in Environmental Impact Assessment process. (10 marks)
4. As an EIA expert, you have been contracted to carry out an Environmental Audit in a medical facility. Explain the main concerns and issues you will focus on in the process. (10 marks)
5. a) Explain the importance of conducting Environmental Impact Assessment. (4 marks)

b) Discuss the main issues to be considered in conducting Environmental Impact Assessment for a proposed project in the water sector. (6 marks)

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