



**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY (MMUST)**

MAIN CAMPUS

**UNIVERSITY EXAMINATIONS
2023/2024 ACADEMIC YEAR**

FIRST YEAR FIRST SEMESTER EXAMINATIONS

**FOR THE DEGREE OF
MASTER OF SCIENCE IN DISASTER MANAGEMENT AND SUSTAINABLE
DEVELOPMENT**

CODE: DSM 803

**COURSE TITLE: ENVIRONMENTAL IMPACT ASSESSMENT AND
ENVIRONMENTAL AUDIT**

DATE: 8/12/2023

TIME: 8-11 A.M

INSTRUCTIONS TO CANDIDATES

1. This paper consists of FIVE (5) questions
2. Answer any FOUR (4) QUESTIONS
3. Each question carries a maximum of 20 marks

TIME: 3 Hours

**MMUST observes ZERO tolerance in examination cheating
This Paper consists of 2 printed pages, Please Turn Over →**

QUESTION ONE

- (a) Explain what is meant by the term “Environmental Impact Assessment”? (4 Marks)
- (b) Outline at least eight (8) BENEFITS of integrating Environmental Impact Assessment (EIA) in all stages of project cycle. (16 Marks)

QUESTION TWO

With the help of a labeled diagram, discuss briefly the eight (8) stages of an Environmental Impact Assessment (EIA) process which must be accomplished as the basic standard of good practice. (20 Marks)

QUESTION THREE

- (a) Suppose you have been contracted to conduct an EIA study for the establishment of a water supply dam in your county. Discuss briefly the importance of incorporating public participation in your EIA process as related to the project under study. (10 Marks)
- (b) Discuss briefly at least FIVE KEY factors that tend to hinder the implementation of public participation in an EIA process. (10 Marks)

QUESTION FOUR

Assume that you have been invited by the governor of your home county Government to advise on the proposed establishment of a football stadium. Discuss briefly at least FIVE principles that should guide the preparation of an EIA study report (20 Marks)

QUESTION FIVE

Discuss briefly the essential contents of an EIA study report. (20 Marks)