



(University of Choice)

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

**MAIN CAMPUS
MAIN EXAMINATIONS**

**UNIVERSITY EXAMINATIONS
2021/2022 ACADEMIC YEAR**

FIRST YEAR SECOND SEMESTER EXAMINATIONS

FOR MASTER IN ENVIRONMENTAL SCIENCE

COURSE CODE: SES 823

COURSE TITLE: ENVIRONMENTAL TOXICOLOGY

DATE: WEDNESDAY, 20TH APRIL 2022 TIME: 9:00 – 12:00 P.M.

INSTRUCTIONS TO CANDIDATES

Answer ANY FOUR questions. ALL questions carry equal marks

TIME: 3 Hours

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 2 Printed Pages. Please Turn Over. ►

SES 823: ENVIRONMENTAL TOXICOLOGY

1. You are tasked with the duty of creating an inventory of the types and sources of air pollutants in Nairobi city. What will you include in your list? (15 marks)
2. With the aid of specific examples, describe the potential effects of environmental pollutants on the lion population in Maasai Mara Game Reserve. (15 marks)
3. What are the global effects of air pollutants, what measures can be taken by the Kenyan government to mitigate this? (15 marks)
4. Outline the sources and effects of pollutants in the Lake Victoria ecosystem. What can be done to mitigate this? (15 marks)
5. With the aid of specific examples, describe the fate and transport of pollutants in the environment. (15 marks)
6. Plastic pollution is a contemporary environmental issue. Justify this statement. (15 marks)