



(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 THE DEGREE
OF
MASTERS OF SCIENCE IN CROP PROTECTION**

COURSE CODE: BCP 822

**COURSE TITLE: ENVIRONMENTAL PROTECTION AND
MANAGEMENT**

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

INSTRUCTIONS TO CANDIDATES

- Answer ANY FOUR QUESTIONS (4x15 = 60)
- Illustrate your answers with suitable diagrams and figures where applicable..
- Use relevant examples where appropriate.

TIME: 3 Hours

MMUST observes ZERO tolerance to examination cheating

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QUESTION 1

Discuss natural causes of changes in the Earth's climate and their implications for sustainability.
(15 marks)

QUESTION 2

Describe and analyze controlled tipping, open dumping and on-site incineration as methods of solid waste disposal, giving the advantages and disadvantages of each method. (15 marks)

QUESTION 3

Using examples, describe E-wastes, associated environmental problems, and disposal and solutions to E-waste problems. (15 marks)

QUESTION 4

Discuss the general characteristics of hazardous wastes. Classify and describe the different categories of hazardous wastes giving specific examples. (15 marks)

QUESTION 5

Describe the different categories of agroforestry farming systems and any five types of agroforestry practices/systems giving the advantages and disadvantages of each practice. (15 marks)