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

**MAIN CAMPUS**

**MAIN EXAMINATIONS**

**2023/2024 ACADEMIC YEAR**

**FIRST YEAR FIRST SEMESTER EXAMINATIONS**

**For B.Sc. Disaster Preparedness and Environmental Technology**

**&**

**B.Sc. Geospatial Information Science**

**COURSE CODE: DPE 112**

**COURSE TITLE: Introduction to Environmental Science**

**DATE: 13/12/2023**

**TIME: 12-2PM**

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**INSTRUCTIONS TO CANDIDATES**

Answer Question ONE and any other TWO Questions

TIME: 2 Hours

MMUST observes ZERO tolerance to examination cheating

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

**SECTION 1: COMPULSORY {30 MARKS}**

**Question ONE**

b). Explicitly examine how the environmental components are classified within environmental science **(15 Marks)**

c). Using relevant example, explain various key areas that justifies the significance of environmental science studies **(15 Marks)**

**SECTION II: ATTEMPT ANY OTHER TWO (2) QUESTIONS [40 MARKS]**

**Question TWO**

a). Environmental studies is multidisciplinary in nature therefore considered to be a subject with great scope. Discuss **(20 Marks)**

**Question THREE**

Identify any natural resource and examine its Ecological, Ethical and Economic values to man **(20 Marks)**

**Question FOUR**

a) Discuss some of the possible threats to wetlands that have led to increasing degradation and depletion **(10 Marks)**

b) Founded on the possible threats to any natural resource, discuss the various principles pertinent to its sustainable management **(10 Marks)**