



*(University of Choice)*

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

**UNIVERSITY MAIN EXAMINATION  
2022/2023 ACADEMIC YEAR  
MAIN CAMPUS**

**FIRST YEAR SECOND SEMESTER EXAMINATIONS  
FOR THE DEGREE IN DISASTER MITIGATION AND SUSTAINABLE  
DEVELOPMENT**

**COURSE CODE: DSM 106**

**COURSE TITLE: HUMAN AND PHYSICAL GEOGRAPHY**

**DATE: 14/4/2023**

**TIME: 3-5 PM**

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**INSTRUCTIONS TO CANDIDATES**

Question **ONE (1)** is compulsory  
Answer **ANY TWO (2)** OTHER questions

MMUST observes **ZERO** tolerance to examination cheating

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

### **QUESTION ONE (COMPULSORY)**

(a) Define the following terms:

(i) Disaster (2 marks)

(ii) Geography (2 marks)

(b) Distinguish between:

(i) Physical and human geography (4 marks)

(ii) Formal and informal economy (4 marks)

(c) Discuss any five areas of study under human geography. (10 marks)

(d) Explain any four (4) causes of environmental degradation in Kenya. (8 marks)

### **QUESTION TWO**

(a) Examine the role of geography in disaster management. (10 marks)

(b) Discuss the challenges that African countries face from natural disasters. (10 marks)

### **QUESTION THREE**

(a) Discuss the mitigation measures for managing disaster risks in urban areas. (10 marks)

(b) Using examples, write short notes on the relationship between human activities and the natural environment. (10 marks)

### **QUESTION FOUR**

(a) Developing economies have different patterns and structure. Discuss how they contribute to disaster phenomena. (10 marks)

(b) Discuss how human geography helps in understanding of natural disasters which occur on the earth's surface. (10 marks)