



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2023/2024 ACADEMIC YEAR
FOURTH YEAR FIRST SEMESTER**

**SCHOOL OF NATURAL RESOURCES
ENVIROMENTAL STUDIES AND GEOGRAPHY
BACHELOR OF ARTS (GEOGRAPHY AND
GEOSPATIAL TECHNIQUES)**

**COURSE CODE: GEO 4148-1
COURSE TITLE: GEOGRAPHY OF NATURAL
HAZARDS**

DATE: 5TH DECEMBER 2023

TIME: 1100-1300 HRS

INSTRUCTIONS TO CANDIDATES

*Answer question ONE and any other TWO Questions
Use illustrations where appropriate.*

This paper consists of 2 printed pages. Please turn over

1. a. Why are hazards a development problem? (4 marks)
- b. Distinguish among the following terms and concepts as used in hazard studies
 - i. Disaster prevention and disaster mitigation
 - ii. Spatial dispersion and areal extent
 - iii. Temporal spacing and frequency
 - iv. Hazard and disaster(4 marks)
- c. Examine why there has been a high level of reported disasters in developing world (12 marks)
2. Using examples, explain why people would still occupy hazard prone areas (15 marks)
3. Discuss the stages adopted in a disaster management cycle and the range of activities associated with each of the stages (15 marks)
4. Describe the trends of natural hazards in recent times and their mitigation possibilities (15 marks)
5. a. Highlight the factors that determine the adoption of hazard adjustment choices (5 marks)
- b. Examine the possible individual or social adjustments available to those who perceive hazards (10 marks)
6. Using illustrations, discuss how technology is applied in the management of natural hazards (15 marks)

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