

**CHUKA**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**EXAMINATION FOR THE AWARD OF DIPLOMA IN DISASTER MANAGEMENT**

**DIMA 00101: INTRODUCTION TO DISASTER MANAGEMENT**

**STREAMS: DIMA Y1S1**

**TIME: 2 HOURS**

**DAY/DATE: MONDAY 05/07/2021**

**2.30 P.M. – 4.30 P.M.**

**INSTRUCTIONS:**

- **Question ONE is compulsory.**
- **Answer any other two questions on the question paper.**

**SECTION A: 30 MARKS (COMPULSORY)**

Q1. (a) Define the following terms.

- |        |                                 |           |
|--------|---------------------------------|-----------|
| (i)    | Disaster                        | (1 mark)  |
| (ii)   | Hazard                          | (1 mark)  |
| (iii)  | Risk                            | (1 mark)  |
| (iv)   | Vulnerability                   | (1 mark)  |
| (v)    | Disaster preparedness           | (1 marks) |
| (vi)   | Early warning                   | (1 mark)  |
| (vii)  | Climatic related disaster       | (2 marks) |
| (viii) | Geographically related disaster | (2 marks) |

(b) (i) Explain what is meant by disaster management. (3 marks)

(ii) Vulnerability to disasters is said to be caused by human activities. Discuss any five activities giving relevant examples. (10

marks)

(c) (i) Define drought (1 mark)

(ii) Prolonged drought can lead to a number of disastrous effects. Explain with examples any six of these effects. (6 marks)

**SECTION B (40 MARKS)**

- Q2. (a) A landslide is a geologically related hazard. Explain what this term means. (2 marks)
- (b) Explain the five types of lands slides citing relevant examples. (10 marks)
- (c) Explain any four factors that trigger lands slides. (8 marks)
- Q3. (a) What is disaster management cycles? (2 marks)
- (b) There are six steps in the disaster management cycle. Explain what happens in each of the six steps. (6 marks)
- (c) A number of strategies are applicable in risk reduction. Discuss any six of these strategies. (12 marks)
- Q4. (a) Capacity building is one of the strategies in disaster management. What do you understand by that? (2 marks)
- (b) There are three major elements involved in capacity building initiative during disaster management. Explain them with relevant examples. (6 marks)
- (c) Environmental degradation is a hazard of disaster in waiting. Explain six ways in which this can cause a disaster if it is not controlled or minimized. (12 marks)
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