



AMREF INTERNATIONAL UNIVERSITY
UNIVERSITY EXAMINATIONS 2024
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF HEALTH SYSTEMS MANAGEMENT AND DEVELOPMENT
BACHELOR OF SCIENCE IN HEALTH SYSTEMS MANAGEMENT AND
DEVELOPMENT
END OF SECOND SEMESTER EXAMINATION MAY-AUGUST 2024

UNIT CODE: HMD 411

UNIT NAME: DISASTER MANAGEMENT AND EMERGENCY RESPONSE

DATE : Monday 12th August 2024

TIME : Two (2) Hours **Start: 2:00pm** **Stop: 4:00pm**

INSTRUCTIONS TO CANDIDATES

- 1) This exam is out of 70 marks
- 2) Section-A is compulsory with a Total of 30 Marks
- 3) Answer any TWO (2) questions in Section B

Read carefully the additional instructions preceding each section.

SECTION A: (Compulsory) (30 Marks)

1. Define the following terms: (4 marks)
 - a) Crisis
 - b) Emergency
 - c) Disaster risk reduction
 - d) Vulnerability analysis
2. Outline FOUR characteristics of most disasters (4 marks)
3. Highlight FOUR health effects of disasters (4 marks)
4. State FOUR fundamental theories of disasters causation (4 marks)
5. Outline FOUR obstacles to community participation in preparing for or reacting to disasters (4 marks)
6. List FOUR main objectives of disaster management (4 marks)
7. Highlight FOUR factors that increase vulnerability to disasters (4 marks)
8. List TWO goals of disaster epidemiology. (2 marks)

SECTION B: ANSWER ANY TWO QUESTIONS (40marks)

9. Using relevant examples, discuss FIVE main activities carried out during disaster prevention and mitigation. (20 marks)
10. Using relevant examples, discuss:
 - a) Classification of disasters (8 marks)
 - b) Process of mass casualty management (12 marks)
11. Using an example of a recent disaster:
 - a) Discuss SIX guiding principles for implementation of disaster management initiatives. (12 marks)
 - b) Explain FOUR types of disaster management resources. (8 marks)

END