



**AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH**

**DEPARTMENT OF COMMUNITY HEALTH
&
DEPARTMENT OF HEALTH SYSTEMS MANAGEMENT AND
DEVELOPMENT**

**BACHELOR OF SCIENCE IN COMMUNITY HEALTH PRACTICE
&
BACHELOR OF SCIENCE IN HEALTH SYSTEMS
MANAGEMENT AND DEVELOPMENT**

JAN-APRIL 2026 END OF SEMESTER EXAM

UNIT CODE: HMD 411/ CHP 334

**UNIT NAME: Disaster Management & Emergency Response/ Disaster
Risk Management**

TIME: TWO Hours Start: Finish

INSTRUCTIONS

- 1) This exam is marked out of 70 marks**
- 2) This exam comprises of two sections**
 - ✓ Section A: Compulsory questions (30marks)
 - ✓ Section B: Choose Two questions (each question is 20marks)

SECTION A: ANSWER ALL QUESTIONS

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- 1) In the context of disaster risk management explain the following terms:
 - i) Hazard (**2 marks**)
 - ii) Disaster risk (**2 marks**)
 - iii) Resilience (**2 marks**)

- iv) Vulnerability (2 marks)
- v) Exposure (2 marks)
- 2) Highlight **FIVE** key challenges local governments face in managing disasters (5 marks)
- 3) Explain **FIVE** practical roles that community members play to support from disaster recovery and long-term resilience (5 marks)
- 4) Enumerate **FIVE** real-life situations or conditions that displaced persons are likely to experience in evacuation centres or host communities (5 marks)
- 5) In the context of the disaster management cycle illustrate the roles of **FIVE** key players involved in disaster management (5 marks)

SECTION B

Answer any two questions from this section

QUESTION 6

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- a) Using practical examples, evaluate **FIVE** ways in which Disaster Risk Management (DRM) is more effective than Disaster Management (DM) in reducing disaster losses (10 marks)
 - b) Using real or hypothetical scenarios, examine **FIVE** features that clearly distinguish a disaster from an emergency (10 marks)

QUESTION 7

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- a) Applying relevant examples, examine **FIVE** impacts of forced migration on the host community (10 marks)
 - b) Examine **FIVE** principles of mass casualty management that should guide response (10 marks)

QUESTION 8

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- a) Using examples from disaster response, evaluate **FOUR** ways in which the SPHERE Standards can be applied to improve the quality and accountability of humanitarian assistance (12 marks)
 - b) The Greater Horn of Africa continues to experience widespread food insecurity affecting millions of people.
 - i. Using relevant examples, explain the concept of complex emergencies (2 marks).
 - ii. Apply this concept to the Horn of Africa and analyse **THREE** reasons why the prevailing food insecurity qualifies as a complex emergency (6 marks)