



AMREF INTERNATIONAL UNIVERSITY

SCHOOL OF PUBLIC HEALTH

DEPARTMENT OF HEALTH SYSTEMS MANAGEMENT AND DEVELOPMENT

BACHELOR OF SCIENCE IN HEALTH SYSTEMS MANAGEMENT AND DEVELOPMENT

END OF SEMESTER EXAMINATION SEPTEMBER-DECEMBER 2024

UNIT CODE: HMD 411

UNIT NAME: DISASTER MANAGEMENT & EMERGENCY RESPONSE

DURATION: TWO HOURS. START: 4:30 PM FINISH: 6:30 PM

Formatted: English (United States)

INSTRUCTIONS

Answer QUESTION ONE which is **Compulsory** and any other **TWO** questions of your choice from Section B.

Formatted: Font: Not Italic

Formatted: No bullets or numbering

SECTION A: COMPULSORY (30 MARKS)

QUESTION 1

- a) Giving contextually relevant examples, explain the following concepts as they apply in disaster management:
 - (i) Hazard (2marks)
 - (ii) Disaster Risk (2marks)
 - (iii) Disaster (2marks)
 - (iv) Vulnerability (2marks)
 - (v) Exposure (2marks)
- b) Outline the role of community members during the disaster recovery process (3marks)
- c) The disaster management cycle involves several key players. Highlight some **FIVE** key players in disaster management (5marks)
- d) Explain the term triage as applied in mass casualty disaster situations and highlight its purpose (4marks)
- e) State **FIVE** challenges faced by a typical local government during disaster management in the developing world (5marks)
- f) Highlight **three** development opportunities that can be presented by disaster occurrences (3marks)

SECTION B: ANY TWO TO BE ANSWERED @ 20 MARKS; TOTAL (40 MARKS)

QUESTION TWO

- a) Poor countries are much more prone to disasters. Argue in support of this claim (10marks)
- b) Outline **FIVE** possible public health impacts of disaster events (10marks)

QUESTION THREE

~~HMD 411 End Sem Exam Benjamin SK Sept-Dec 2024~~

- a) Explain the roles of each of the following Health Systems building blocks in disaster management
 - i. Leadership and governance (10marks)
 - ii. Health information systems (4marks)
- b) In the greater Horn of Africa over 50 million people face acute food insecurity. Characteristically this food insecurity is a complex emergency.
 - i. Explain the concept of complex emergencies (2 marks)
 - ii. State the reasons why the prevailing food insecurity in the Horn of Africa is a complex emergency (4marks)

QUESTION FOUR

- a) Outline FIVE possible public health impacts of disaster events (10marks)
- b) A disaster and an emergency are not the same thing conceptually. However, the two are frequently used interchangeably in citations. Explain FIVE features that set the two concepts apart (10marks)

AMMU

AMU

Formatted: Left