



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 APRIL 2024

UNIT CODE: HMD 411

UNIT NAME : DISASTER MANAGEMENT AND EMERGENCY RESPONSE

DATE : April, 2024

TIME : Two (2) Hours

Start:

Stop:

Instructions

- 1) This exam is marked out of 70 marks
- 2) This examination comprises TWO sections
Section A: Compulsory Questions (30marks)
Section B: Long Answer Questions (40 marks)
- 3) Answer **ALL** questions in Section A
- 4) For Section B, answer any two (2) questions of your choice
- 5) Use the university examination booklets provided

SECTION A: COMPULSORY (30 Marks)

Short Answer Questions

QUESTION ONE

- a) Highlight FOUR reasons for carrying out disaster risk management. (4marks)
- b) Outline FOUR functions of vulnerability and capacity analysis. (4 marks)
- c) State FOUR challenges encountered during disaster epidemiology. (4 marks)
- d) Differentiate man-made disasters from natural disasters. (2 marks)
- e) Identify FOUR fundamental theories of disaster causation. (4 marks)
- f) State FOUR examples of non-structural measures of mitigating disasters (4 marks)
- g) List TWO principles that guide humanitarian action when responding to a disaster. (2 marks)
- h) Disaster can easily disrupt the food supply at any time, state TWO ways in which you can prepare for an emergency food supply. (2 marks)
- i) Outline FOUR components of a vulnerability matrix. (4 marks)

SECTION B: Answer any two questions in this section (40marks)

Long Answer Questions

QUESTION TWO

‘Disaster management is the organization and management of resources and responsibilities for dealing with all humanitarian aspects of emergencies in order to lessen the impact of disasters.’ In view of this, describe the disaster management cycle. (20 marks)

QUESTION THREE

You have been appointed as a disaster response manager by the cabinet secretary for health to design and coordinate a national health disaster management exercise in the country. Discuss the necessary procedure you will follow to ensure successful implementation of a national disaster mitigation program for hospitals in a given County in preparedness for the anticipated floods in the area. (20 marks)

QUESTION FOUR

As a Health service manager, you have been tasked to educate the public on the effects of disasters with the aim of preventing and mitigating them. Using relevant examples, discuss FIVE effects of disasters in Kenya. (20 marks)

END

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