



AMREF INTERNATIONAL UNIVERSITY

SCHOOL OF PUBLIC HEALTH

DEPARTMENT OF COMMUNITY HEALTH

BACHELOR OF SCIENCE IN COMMUNITY HEALTH

END OF SEPTEMBER-DECEMBER TRIMESTER 2022 EXAMINATIONS

UNIT CODE: CHP 334

UNIT NAME: Disaster Risk Management

Date: 1st December 2022

Time: 2 hours

Start: 4.00 PM

Stop: 6.00 PM

INSTRUCTIONS

1. This exam is marked out of 70 marks
2. This Examination comprises TWO Sections
Section A: Compulsory Question (30 Marks)
Section B: Long Answer Questions (40 Marks)
3. All questions in Section A are compulsory and Answer any TWO questions in Section B
4. Do Not write anything on the question paper -use the back of your booklet for rough work if need be

SECTION A: SHORT ANSWER QUESTIONS (30 Marks)

1. Define the following terms:
 - i. Mass casualty incidence (2 Marks)
 - ii. Disaster (2 Marks)
2. Define 'triage in the context of a disaster' (2 Marks)
3. Highlight FOUR colours used for triage tags on casualties affected by a disaster (2 Marks)
4. Enumerate THREE areas of focus during the initial assessment of a patient in the event of a disaster (3 Marks)
5. Outline SIX attributes of communication during a disaster (3 Marks)
6. Highlight TWO feedback options available in the communication process during a disaster (2 Marks)
7. Outline FOUR effects of haemorrhage on a casualty upon a disaster (4 Marks)
8. Highlight three life-saving sectors towards humanitarian response enumerated by the SPHERE handbook (3 Marks)
9. Define 'Earth Quake' and give the name of the measurement used to denote an earth quake's magnitude (2Marks)
10. Define 'Drought' and highlight at least three consequences of drought within a community (5 Marks)

SECTION B: LONG ANSWER QUESTIONS (40 MARKS)

1. a) Classify 'Disasters' and give at least four examples to each class (12 marks)
b) By description, 'who is a first aider'? (2 Marks)
b) Outline THREE principles of first aid (6 Marks)
2. a) Detail the communication process upon a disaster (12 marks)
b) Using relevant examples, highlight on FOUR channels of communication through which messages can be passed in the event of a disaster (8 marks)
- 3 Describe the disaster management cycle detailing the FIVE personalized activities (20 Marks)