



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 SECOND SEMESTER EXAMINATION APRIL 2025

HMD 123 FIRST AID – MAIN EXAMINATION

TIME: Two Hours

Date : 9th April 2025

TIME: Two (2) Hours Start: 4h30 pm End: 6h30 pm

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

Section. Read the additional instructions preceding each section carefully.

SECTION A: COMPULSORY (30 Marks)

Short Answer Questions

1. Define secondary survey in First Aid (2 marks)
2. Define Transient Ischemic attack (TIA) (2 marks)
3. Differentiate abrasion from contusion in First Aid (2 marks)
4. Highlight **four** ways a first aider can recognize a stroke (4 marks)
5. Identify **two** ways of airway positioning (2 marks)
6. List **three** roles of a bystander in an accident emergency scene (3 marks)

7. State **three** causes of hypoxia (3 marks)
8. Outline:
 - a. The **four** stages of wet drowning (4 marks)
 - b. The **four** First Aid steps for wet drowning (4marks)
9. Highlight **four** barriers to effective communication in First Aid (4 marks)

SECTION B

ANSWER ANY TWO (2) QUESTIONS (40 Marks)

Long Answer Questions

10. You are called in to assist in a multiple accident scene:
 - a) Elaborate **five** steps of emergency scene management (10 marks)
 - b) Explain **five** sequences of events that should take place in the multiple accident management (10 marks)
11. In every emergency scenario, it is important for a first aider to protect themselves.
 - a) Given Infection Prevention Control, explain **five** ways in which a first aider can protect him/herself (10 marks)
 - b) Explain **five** (5) activities that should be done after completing first aid? (10 marks)
12. You are called in to help a 21-year-old man who is choking while eating:
 - a) Elaborate **five** steps of First Aid for choking (10 marks)
 - b) In the process of offering First Aid, the casualty stops breathing and you decide to start Cardio-pulmonary resuscitation; Describe the **five** key processes of CPR in the above casualty (10 marks)