



**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 :** 9<sup>th</sup> 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)