



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 MAY-AUGUST 2024
HMD 123 FIRST AID – MAIN EXAMINATION

TIME: Two Hours
Date : August, 2024
TIME: Two (2) Hours Start-----End.....

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 with a total of 40 Marks
- 4) *Read carefully the additional instructions preceding each section.*

SECTION A: COMPULSORY (30 Marks)

Short Answer Questions

1. Define angina (2 marks)
2. Highlight **four** ways a first aider can recognize symptoms of angina (4 marks)
3. Identify **four** ways in which a bystander can help in an emergency scene (4 marks)
4. State **three** causes of hypoxia (3 marks)
5. Outline:
 - a. The **four** stages of wet drowning (4 marks)
 - b. The **four** First Aid steps for drowning (4marks)
6. Highlight **four** barriers to effective communication (4 marks)
7. Highlight the **five** steps of the chain of survival behavior (5 marks)

SECTION B ANSWER ANY TWO (2) QUESTIONS (40 Marks)

8. You are called in to assist a casualty in shock;
 - a) Elaborate three possible causes of shock (6 marks)
 - b) Explain three early recognition signs of shock (6 marks)
 - c) Describe the first aid you would provide for shock (8 marks)
9. In a scenario where there is a need for multiple casualty management;
 - a) Describe the levels of priorities (6 marks)
 - b) Elaborate the triage sequence of action in that scene (14 marks)
10. You are called in to help a 9-month-old infant who is choking while eating:
 - a) Elaborate the first aid for choking (8 marks)
 - b) In the process of offering first aid, the child stops breathing and you decide to start Cardio-pulmonary resuscitation; Describe the process of CPR (12 marks)