



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 SEPTEMBER-DECEMBER 2025
CHP 116/HMD123: FIRST AID AND SAFETY SKILLS

MAIN EXAM

TIME: Two Hours

Date :

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

Read carefully the additional instructions preceding each section.

SECTION A: SHORT ANSWER QUESTIONS (COMPULSORY)

30Marks

1. Explain ways to gather a brief medical history of a casualty in secondary survey **5Marks**
2. Explain how to recognize stroke in a casualty **4Marks**
3. Explain the first aid steps for a near- drowning casualty **5Marks**
4. Explain the first aid steps for a casualty with hypovolemic shock **4Marks**
5. State **three** signs and symptoms of mild obstruction due to choking **3Marks**
6. State **four** basic facts you need to know in order to give appropriate first aid for poisoning **4Marks**
7. Explain the first aid steps for a casualty who sustained a snakebite **5Marks**

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SECTION B ANSWER ANY 2 (TWO) QUESTIONS

40Marks

1. As a first aider, you are called upon to teach a class of students on first aid and safety.
 - a. Define first aid **2Marks**
 - b. List **three** aims of first aid **3Marks**
 - c. Outline the steps in primary survey **5Marks**
 - d. Explain head to toe assessment of a casualty **10Marks**

2. Cardiopulmonary resuscitation (CPR) is artificial respiration and artificial circulation.
 - a. Explain the **four** stages of the chain survival **4Marks**
 - b. Outline the steps involved in performing CPR for an adult casualty **6marks**
 - c. Explain the first aid for a casualty who has sustained a heart attack **5Marks**
 - d. Explain the steps involved in using an automated external defibrillator **5Marks**

3. As a first aider, you are called upon to perform first aid on a 30year old male person lying on the ground with an arrow protruding on his leg.
 - a. Explain with examples **two** types of wounds **4Marks**
 - b. Outline the first aid management of a casualty with an embedded object **6Marks**
 - c. Explain the first aid management of a casualty with nose bleeding **6Marks**
 - d. Explain any **two** types of burns **4Marks**