



**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)
MAIN CAMPUS**

**UNIVERSITY EXAMINATIONS
2023/2024 ACADEMIC YEAR**

**FIRST YEAR FIRST SEMESTER EXAMINATIONS
FOR THE DIPLOMA**

IN

**DISASTER MANAGEMENT/ SECURITY AND INTELLIGENCE
STUDIES**

COURSE CODE: SEC/CU/ SM /CC/02/6A and SEC/CU/ DM /CC/02/6

COURSE TITLE: FIRST AID

DATE: **TIME:**

INSTRUCTIONS TO CANDIDATES

Answer Question 1(ONE) and any other TWO Questions

TIME: 2 Hours

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 2 Printed Pages. Please Turn Over.

Question one

a) Give a brief explanation on the following terms; (12 marks)

- (i) Scene safety
- (ii) Basic Life Support (BLS)
- (iii) Scene Size Up
- (iv) Incident report
- (v) Cardiopulmonary resuscitation
- (vi) An obstructed airway

b) Outline the aspects of the rule of importance during an emergency (4 marks)

c) Identify at least 4 types of PPEs and describe the importance of each during an emergency (4 marks)

d) You have been called upon to respond to an emergency, explain how you will safely assess

the scene to ensure safety to both the responder and the casualty(s) (5 marks)

e) As a first responder you need at all times use the 5 senses, identify and briefly explain the importance of each sense during scene size up (5 marks)

Question two

- a) Outline five key scene-safety tenets to be considered by the first responder before and during and after response (5 marks)
- b) you were relaxing in your room at the hostel suddenly you hear commotion outside your room getting out you find your neighbor 2 of your neighbor students bleeding profusely after a fight, briefly explain your line of action (5 marks)
- c) while managing (b) above you realize one has a broken arm and the bone is protruding explain how you will manage the casualty (5 marks)

Question three

Describe how the following emergencies can be managed;

- (i) Choking in an adult (3 marks)
- (ii) Someone has swallowed something that you think might be harmful (3 marks)
- (iii) Nose bleeding (3 marks)
- (iv) Snake bite (3 marks)
- (v) A child has had 1st degree burns after hot water spill on her arms (3 marks)

Question four

- i) Describe at least 4 evacuation methods that can be used after immediate intervention to ensure the casualty reaches hospital without further injuries (6 marks)
- ii) Briefly explain the 3 importance of an incident reporting (3 marks)
- iii) Outline key issues that should be included in an incident report before handing over the casualty to the medical personnel (6 marks)