



(UNIVERSITY OF CHOICE)

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

**UNIVERSITY EXAMINATIONS
2021/2022 ACADEMIC YEAR
SUPPLEMENTARY EXAM**

**FOR THE DEGREE OF
BACHELOR OF SCIENCE IN NUTRITION & DIETETICS &, BSC
HOSPITALITY & INSTITUTION MANAGEMENT**

COURSE CODE: HND 105

**COURSE TITLE: FIRST AID, BASIC LIFE SUPPORT & PRE-HOSPITAL
CARE**

DATE: 05th August 2022

TIME: 2.00 – 4.00 P.M

INSTRUCTIONS TO CANDIDATES

Answer all questions

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 4 Printed Pages. Please Turn Over.

SECTION A- MULTIPLE CHOICE QUESTIONS (MCQS) 1-10

ANSWER ALL QUESTIONS TOTAL 10 MARKS

1. What is the cause of angina?
 - A. Insufficient blood reaching the lungs.
 - B. Insufficient blood reaching the brain.
 - C. Insufficient blood reaching the heart muscle.
 - D. Insufficient blood reaching the leg muscles.

2. What should a casualty with a severe allergy carry at all times?
 - A. Insulin.
 - B. Acetaminophen/Paracetamol.
 - C. Adrenaline
 - D. Aspirin.

3. Which test should you use if you suspect that a casualty has had a stroke?
 - A. Face, Arms, Speech, Test.
 - B. Alert, Voice, Pain, Unresponsive.
 - C. Response, Airway, Breathing, Circulation.
 - D. Pulse, Respiratory Rate, Temperature

4. In order to assess for a pulse in an adult victim, you would assess the _____ for how long?
 - A. carotid pulse, for at least 5 seconds but no more than 10 seconds
 - B. carotid pulse, for 10-12 seconds
 - C. femoral pulse, for at least 5 seconds but no more than 10 seconds
 - D. radial pulse, for 10-12 seconds

5. After you assess a victim's pulse and do not feel one, what is the next step?
 - A. Start high quality chest compressions at a rate of 100/min
 - B. Start high quality chest compressions at a rate of 60/min
 - C. Give 2 rescue breaths

- D. Activate the emergency response system
6. When performing chest compressions on an adult during 2 person CPR, you would deliver them at a rate of _____ and ratio of _____?
- A. 100/min, 30: 2
 - B. 60/min, 30:2
 - C. 60/min, 15:2
 - D. 100/min, 15:2
7. Which of the following statements is incorrect about performing chest compressions?
- A. Allow partial recoil of the chest
 - B. Press down at least 2 inches in adults
 - C. Position yourself at the side of the victim
 - D. Minimize interruptions
8. After performing 30 high quality chest compressions on an adult victim, the next step is to?
- A. Give 2 rescue breaths
 - B. Continue with compressions at 30/min for 5 cycles
 - C. Activate the emergency response system
 - D. Check for a pulse
9. You suspect a head and neck injury in a victim who is unresponsive and not breathing. How would you open the airway to give breaths?
- A. Jaw-thrust technique
 - B. Head tilt-chin lift
 - C. E-C clamp technique
 - D. Thumb & index lift
10. How do you know the victim is receiving adequate breaths during CPR?
- A. The victim's chest rises
 - B. The victim's stomach rises
 - C. There is no definite way to tell without medical intervention.
 - D. The victim's chin begins to move forward.

SECTION B: SHORT ANSWER QUESTIONS (SAQS)-ANSWER ALL QUESTIONS 30 MARKS

11. Explain how you will apply an arm sling to patient in unscheduled hospital setting (5 marks).
12. Describe the recovery position (5 marks).
13. Explain the secondary assessment of the casualty (5 marks).
14. Explain the concept of DRSABCD in unscheduled hospital setting (5 marks).
15. Explain the different types of fractures (5 marks).

SECTION C: LONG ANSWER QUESTIONS (LAQS)

ANSWER ANY TWO QUESTIONS 30MARKS

16. Describe the steps you will carry out to assist a victim of suspected food poisoning (15 Marks).
17. Describe how to insert a feeding tube 15 Marks
18. Describe the pain assessment using the universal pain scale 15 Marks