

091205T4PTT

PERIOPERATIVE THEATRE TECHNOLOGY LEVEL 5

HE/OS/TT/CC/04/5/A

PROVIDE FIRST AID SERVICES

July/August 2024



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL (TVET CDACC)**

WRITTEN ASSESSMENT

3 HOURS

INSTRUCTIONS TO CANDIDATES

1. This paper consists of two sections; **A** and **B**
2. Answer **ALL** the question as guided in each section
3. Marks for each question are as indicated in the brackets
4. You are provided with a separate answer booklet to answer the questions
5. Do not write in this question paper

**This paper consists of THREE (3) printed pages.
Candidates should check the question paper to ascertain that all pages are
printed as indicated and that no questions are missing.**

SECTION A: 40 MARKS

Answer ALL questions in this section.

1. You are caring for a patient with a heightened risk of cardiac arrest postoperatively. Outline the FOUR steps (links) of the in-hospital chain of survival that you would apply in such a patient (4 Marks)
2. You have been alerted that one of your neighbors was involved in a fire accident and sustained burns. Name THREE personal protective equipment you will use while providing first aid to this victim. (3 Marks)
3. A patient is admitted after sustaining tibial fracture and is complaining of pain. Apart from pain, explain TWO other signs and symptoms the patient might be experiencing (4 Marks)
4. John is a fellow theatre technician who has been living with epilepsy. What are the FIVE interventions that you would apply in the event that he goes into generalized seizures? (5 Marks).
5. You are among the healthcare workers called to respond to a mass casualty accident. State FIVE categories of patients you are likely to find at the scene as you triage and determine who receives care first. (5 Marks)
6. As a first aider, what the THREE steps you would take during scene size-up at a disaster situation? (3 Marks)
7. A patient awaiting care at the outpatient department develops nose bleeding. Outline the THREE important first aid actions you would implement in such a scenario. (3 Marks)
8. Heart attack requires urgent first aid upon onset. Identify FOUR risk factors associated with heart attack. (4 Marks)
9. A well-stocked first aid kit is essential for handling minor injuries and emergencies. State FIVE items that should be in a first aid box. (5 Marks)
10. First aid ensures appropriate responses to medical emergencies. State FOUR aims of first aid interventions in an accident scene. (4 Marks).

SECTION B: (60 MARKS)

*Answer any **THREE** questions in this section*

11. You are called to provide first aid on an unconscious adult who is not breathing and does not have a pulse. Describe the basic life support algorithm for an unconscious adult. (20 Marks)
12. A 9-year-old suffers choking, stops breathing and goes into cardiac arrest. You understand that the first aid interventions for a pediatric cardiac arrest victim differ from that of an adult.
 - a) Explain FIVE differences between the pediatric and adult first aid care for cardiac arrest (10 Marks)
 - b) Explain FIVE characteristics of the care you would provide to the victim to increase the chances of saving them. (10 Marks)
13. The first aider is called to a motor vehicle accident where a victim has sustained a deep cut into the right thigh and a metal rod is stuck in the wound. He is bleeding profusely.
 - a) Describe FIVE first aid interventions he is going to administer to such a victim. (10 Marks)
 - b) Unfortunately, the patient goes into shock even after stopping the external bleeding. The first aider suspects that the patient is also bleeding internally. Outline the first aid management of internal bleeding and shock. (10 Marks)
14. Burns require immediate care even before the victim is transported to the hospital.
 - a) Explain four types of burns that require hospitalization. (8 Marks)
 - b) Describe the first aid management of severe burns. (12 Marks)

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