

091206T4PTT

PERIOPERATIVE THEATRE TECHNOLOGY LEVEL 6

HE/OS/TT/CC/04/6/A

Provide First Aid Services

July/Aug 2023



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

WRITTEN ASSESSMENT

TIME: 3 HOURS

INSTRUCTIONS TO CANDIDATE

1. This paper has two sections **A** and **B**.
2. You are provided with a separate answer booklet.
3. Marks for each question are indicated.
4. Do not write on the question paper.

This paper consists of THREE printed pages.

Candidate 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. State any FOUR types of wounds. (4 Marks)
2. As a first aider, what is the chronological sequence for the primary survey during the assessment of a casualty? (4 Marks)
3. Identify any FOUR ways of preventing bites and stings. (4 Marks)
4. Highlight any FOUR roles of a first aider. (4 Marks)
5. Identify any FOUR main types of shocks and their respective causes. (4 Marks)
6. State any THREE things that should not be done when a defibrillator is in use. (3 Marks)
7. State any FOUR functions of wound dressings. (4 marks)
8. Chocking can have fatal outcomes if not well managed. What are the TWO main forms of airway obstruction? (2 Marks)
9. You have been consulted to help with setting up the first aid department in your organization. State any FOUR equipment that you would order to be included in a first aid box. (4 Marks)
10. Identify THREE things a first aider should do after administration and documentation of first aid. (3 Marks)
11. Differentiate between the extent and nature of the injury. (2 Marks)
12. Outline any FOUR essential things to note when documenting the first aid situation. (4 Marks)

SECTION B: (60 MARKS)

*Answer any **three** questions in this section.*

13. You encounter a road traffic accident where one victim is in shock and unresponsive. You determine that they are in need of CPR.
- a) Outline the FIVE steps for Cardiopulmonary resuscitation for an adult in cardiac arrest with a defibrillator present. (5 marks)
 - b) Identify any FIVE symptoms of shock (5 marks)
 - c) Using acronym “P.E.L.C.R.N” outline the treatment procedure of shock. (6 marks)
 - d) Differentiate between arterial bleeding and venous bleeding. (4 Marks)
14. During a fire-fighting response, a volunteer sustained serious burns.
- a) Explain any FOUR types of burns. (8 marks)
 - b) Explain the THREE degrees of burns. (6 marks)
 - c) Using a diagram, outline how the burns percentage is calculated on an adult. (6 marks)
15. Miss K sustained a gun-shot on the leg. You administered first aid as you awaited the emergency medical services (EMS.) Her temperature is at 38 degrees Celsius, Pulse at 90 bpm and SpO₂ stable at 94%. She has received spinal immobilization and currently on Oxygen at 6 liters per minute. The EMS has arrived on the site.
- a) Briefly describe how you would dispose of the waste generated during first aid into the EMS’ respective color-coded bins. (4 Marks)
 - b) Bleeding could cause a patient to go into shock. Identify FOUR first aid steps you would apply to stop bleeding on her leg injuries. (4 Marks)
 - c) Explain SIX the information you would give during the handing over of Mrs. X to the Emergency service personnel. (12 Marks)
16. Mr. X trips and falls down a cliff while hiking. He is unconscious, bruised, his left hand has an obvious fracture and you suspect a spinal injury. As the team’s first-aider, you are requested to provide first aid services awaiting medical evacuation.
- a) Explain any THREE types of fracture. (6 Marks)
 - b) Explain any SEVEN first aid interventions you would offer Mr. X. (14 Marks)