

091205T4PTT

PERIOPERATIVE THEATRE TECHNOLOGY LEVEL 5

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

Provide First Aid Services

July/Aug 2023



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

WRITTEN ASSESSMENT

TIME: 3 HOURS

INSTRUCTIONS TO CANDIDATES

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

This paper consists of SEVEN 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: (20 MARKS)

Answer all questions in this section.

Each question carries 1 mark.

1. As a first aider, what will be your initial action when attending to a client with head and neck trauma following an accident?
 - A. Provide oxygen therapy.
 - B. Initiate chest compressions
 - C. Immobilize the cervical area
 - D. Do oral and nasal suctioning
2. Why is triaging important:
 - A. It helps the first aider to know the procedure to perform on casualty
 - B. It helps the first aider to attend to casualty according need basis
 - C. It helps the first aider to understand the conditions of the casualty
 - D. It helps the first aider to follow the protocol of first aid provision
3. Which of the following is considered one of the priority elements of the primary survey?
 - A. Rapid neurologic assessment
 - B. Client's allergy history
 - C. Initiation of pulse oximetry
 - D. Complete set of vital signs
4. A victim who requires cardiopulmonary resuscitation would be:
 - A. A victim who is unresponsive but is breathing adequately
 - B. A victim who is unresponsive with no breathing and pulse
 - C. A victim with a pulse who has difficulty breathing
 - D. A victim with chest pain and indigestion
5. Which of the following suggests partial airway obstruction?
 - A. Gurgling
 - B. Patient unable to breath
 - C. Patient responds verbally
 - D. Patient cannot cough

6. The correct sequence for a quality CPR is:
 - A. Airway, breathing, circulation and defibrillation
 - B. Breathing, airway, circulation and defibrillation
 - C. Circulation, airway, breathing and defibrillation
 - D. Airway, circulation, breathing and defibrillation
7. The first aid interventions for epistaxis include:
 - A. Have the victim lean forward, Apply gentle pressure on the nostril
 - B. Use direct pressure, elevation and pressure points to control the bleeding
 - C. Tilt the head back and tightly squeeze the nostrils
 - D. Lay the victim on his back and treat for shock. Apply cold if available.
8. The equipment found in a first aid kit include:
 - A. Scissor, latex gloves, sterile gauze and forceps
 - B. Scissor, latex gloves, sterile gauze and needle
 - C. Sterile gauze, scissor, latex gloves and tray
 - D. Forceps, thermo blanket, scissor and needle
9. What is the compression to breaths ratio during a one rescuer CPR of an infant?
 - A. 15:1
 - B. 30:2
 - C. 30:1
 - D. 15:2
10. The suitable technique for moving an unconscious victim is:
 - A. Improvised stretcher.
 - B. One-person carry.
 - C. One-handed carry.
 - D. Pulling the patient.
11. What of the following best describe near drowning?
 - A. A casualty survives in less than 24 hours
 - B. A casualty survives for more than 48 hours
 - C. A casualty survives for more than 24 hours
 - D. A casualty survives for less than 48 hours

12. During assessment of a casualty suspected of stroke during first aid, FAST stands for: -
- A. Face, Arms, Speech and Time
 - B. Fracture, Arm, Speech and Time
 - C. Face, Abdomen, Sleep and Time
 - D. Face, Arms, Speech and Treatment
13. Where will a theatre technician dispose of the wound dressing in theater after a wound washout?
- A. In the receiver
 - B. To black bin
 - C. To red bin
 - D. To yellow bin
14. Which of the following is not a part of the chain of survival?
- A. Early access to care
 - B. Early diagnosis
 - C. Early CPR
 - D. Early defibrillation
15. How would you open an airway for unconscious patient?
- A. Jaw thrust
 - B. Head tilt and chin lift
 - C. Head tilt and jaw thrust
 - D. Lift of the chin
16. Which of the following statements best define an open fracture?
- A. A fracture in which the bone ends can move around
 - B. A fracture in which the bone is exposed as the skin is broken
 - C. A fracture which causes complication such as a punctured lung
 - D. A fracture in which the bone has bent and split
17. After how long would brain cells die if there is no oxygen supply:
- A. 6-10 minutes
 - B. 10- 20 minutes
 - C. 4- 6minutes
 - D. 1-2 minutes

18. In general, a splint should be:
- A. Loose, so that the victim can still move the injured limb.
 - B. Snug, but not so tight that it slows circulation.
 - C. Tied with cravats over the injured area.
 - D. Snug, but very tight that it slows circulation.
19. A woman is choking on a piece of candy but is conscious and coughing forcefully, what should you do?
- A. Slap her on the back until she coughs up the object.
 - B. Give abdominal thrusts.
 - C. Encourage her to continue coughing.
 - D. Perform a check at the back of the throat
20. What is the purpose of the Heimlich maneuver?
- A. To treat the absence of a casualty's breathing
 - B. To remove blockage in the casualty's airway
 - C. To treat insufficient breathing
 - D. To relocate the casualty

SECTION B: (40 MARKS)

*Attempt **all** questions in this section.*

21. List FOUR characteristics of a good first aider. (2 Marks)
22. Outline FOUR possible complications during cardiopulmonary resuscitation (CPR). (4 Marks)
23. Explain FIVE steps of first aid care of a conscious patient with hypoglycemia. (5 Marks)
24. State FIVE causes of epistaxis (nose bleeding). (5 Marks)
25. Outline FIVE rules of bandaging. (5 Marks)
26. Outline FIVE ways on how you would prepare yourself for effective first aid services. (5 Marks)
27. Baby K, 10 months old is suspected to have taken poisonous substance. Identify FOUR signs and symptoms of poisoning. (4 Marks)
28. On your way home after work you find an epileptic patient who is convulsing. Identify FOUR things you would do when a person is convulsing. (4 Marks)
29. Outline THREE types of burns. (3 Marks)
30. State THREE things a first aider should NOT do while giving first aid to a casualty who has shock. (3 Marks)

SECTION C: (40 MARKS)

Attempt any two questions in this section.

31. You receive a six-month old infant who is due for surgery. As you assess the infant it becomes unconscious. Explain the interventions that you will undertake in resuscitating the baby. (20 Marks)
32. In the accident and emergency theatre department a casualty is brought in with active external bleeding and you respond first as help arrives.
- a) Distinguish the bleeding that occurs due to injury to an artery, Vein and capillary. (3 Marks)
 - b) List three types of wounds associated with bleeding. (3 Marks)
 - c) To control the bleeding, describe the first aid measures you will apply. (9 Marks)
 - d) The bleeding could not be controlled by direct pressure and you opted for a tourniquet. Describe how you will go about it. (5 Marks)
33. Mr. X was stung by bees while going about his outdoor activities.
- a) List six most common bites and stings. (3 marks)
 - b) State four signs and symptoms of bites and stings. (4 Marks)
 - c) Describe the care of Mr. X at home. (5 Marks)
 - d) Explain eight ways of preventing bites and stings. (8 Marks)

END