

**091205T4PTT**

**PERIOPERATIVE THEATER TECHNOLOGY 5**

**HE/OS/TT/CC/02/5/A**

**Apply Basic Hospital Procedures**

**Nov/Dec 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 7 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 one Mark.*

1. While working in PACU unit, you observe a patient for signs of distress. Observation falls under which method of physical examination?
  - A. Auscultation
  - B. Inspection
  - C. Palpation
  - D. Percussion
  
2. Wearing of masks is one of the key measures to prevent transmission of corona virus. What key precautions should be followed while using the mask:
  - A. Avoid touching the T zone i.e. eyes, nose and mouth
  - B. Avoid touching the T zone i.e. nose, mouth and chin
  - C. Avoid pinching the nose bridge to snugly fit the mask
  - D. Avoid coughing on the mask
  
3. Which department in the hospital performs hip replacement surgeries?
  - A. Ophthalmology
  - B. Orthopaedic
  - C. Neurology
  - D. Urology
  
4. What is the colour coding of bin used in hospitals to dispose of human anatomical wastes such as body parts?
  - A. Yellow
  - B. Black
  - C. Red
  - D. Blue
  
5. Patient J is on a special diet due to heart complications, which healthcare team member is responsible for planning diets in hospitals?
  - A. Physiotherapist
  - B. Occupational therapist
  - C. Dentist

- D. Nutritionist
6. A junior student has been tasked to take the pulse of a post-operative patient. She records it as bradycardia. What does the term bradycardia stand for?
    - A. Pulse rate of less than 100
    - B. Pulse rate of less than 60
    - C. Pulse rate of more than 60
    - D. Pulse rate of more than 100
  7. A patient admitted with 40% burns, which bed will you use to nurse the patient?
    - A. Occupied bed
    - B. Cardiac bed
    - C. Fracture bed
    - D. Divided bed
  8. A patient has been scheduled for surgery in two weeks' time. How do we refer to this kind of surgical procedure that is planned before performed?
    - A. Emergency
    - B. Day case
    - C. Elective
    - D. Night case
  9. A perioperative student has been asked to inject insulin to a post-operative patient. What degrees should s/he consider during administration of subcutaneous drugs?
    - A. 15
    - B. 45
    - C. 60
    - D. 90
  10. The right order of adequate instrument processing is:
    - A. Cleaning, decontaminating, sterilizing
    - B. Decontaminating, cleaning, sterilizing
    - C. Sterilizing, decontaminating, cleaning
    - D. Cleaning, sterilizing, decontaminating

11. What does sepsis mean?
  - A. With infection
  - B. Without infection
  - C. With microorganisms
  - D. Without microorganisms
12. After brain surgery critical comatose patients are admitted in which department?
  - A. Self-care patient.
  - B. Minimal care patient.
  - C. Modified intensive care
  - D. Intensive care patient
13. The technique of performing a procedure under sterile conditions to eliminate contamination is called:
  - A. Aseptic technique
  - B. Clean technique
  - C. Septic technique
  - D. pathogen technique
14. Which of the following concepts is included in the principles of good body mechanics?
  - A. Keeping the knees in a locked position
  - B. Bending at the waist to maintain a Centre of gravity
  - C. Maintaining a wide base support and bending at the knees.
  - D. Holding objects away from the body for improved leverage.
15. What is the use of isolation in the hospital?
  - A. Discourage a patient with an infection from ambulating
  - B. Keep an infection from becoming endemic
  - C. Maintain a sterile environment
  - D. Prevent the further spread of an infection to others
16. After sterile gloves are put on, it is important to keep one's hands:
  - A. Down and below the waist
  - B. Folded and above the waist
  - C. Folded and below the waist
  - D. In sight and above the waist

17. The perioperative theatre technologist understands that pressure sores are most likely to develop over:
- A. The abdomen
  - B. The area around the ears
  - C. The chest
  - D. The bony prominences
18. During triaging, which of the following is not a consideration?
- A. Respirations
  - B. Blood circulation
  - C. Consciousness
  - D. Speech
19. The functions of the gynecology department include:
- A. Cervical cancer screening services
  - B. Providing rehabilitative services
  - C. Social Search
  - D. Housekeeping services
20. In a hospital set up, the skeleton of the organization is:
- A. Organizational Function
  - B. Organizational Structure
  - C. Decentralization
  - D. Coordination

**SECTION B: (40 MARKS)**

*Attempt all questions from this section*

21. State THREE types of gloves used in hospital settings. (3 marks)
22. How is waste disposed after its segregation in a health facility? (4 marks)
23. Explain any TWO levels of health care facilities available in Kenya as per the ministry of health Referral system. (4 marks)
24. State the FIVE moments of hand washing. (5 marks)
25. Outline FOUR equipment used to transfer a patient from ward A to procedure room for non-ambulatory patient. (4 marks)
26. State FOUR methods of assessing patients /clients in hospital. (4 marks)
27. Apart from the physical element, what are the other elements that make a patient holistic (4 marks)
28. State FOUR reasons for triaging patients in hospital. (4 marks)
29. What are the FOUR vital observations used in monitoring of patient condition. (4 marks)
30. Highlight FOUR occasions patient's vital signs are assessed in a hospital set up. (4 marks)

**SECTION C: (40 MARKS)**

*Attempt any two questions from this section.*

31. A fully functional theatre has various equipment to operate seamlessly.
- a) Identify SEVEN equipment that are found in the operation theatre stating ONE function for each.  
(14 marks)
  - b) State SIX factors that may contribute to malfunctioning of theatre equipment. (6 marks)
32. Mrs X came to the hospital with dehydration, she was assessed and required to stay at the hospital for a few days for rehydration and monitoring
- a) Explain TWO types of admission. (4 marks)
  - b) Explain the TWO types of patient transfer. (4 marks)
  - c) Describe FOUR guidelines the technician would adhere to while admitting Mrs X.  
(12 marks)
33. As a theatre technologist, you have been appointed by the management board to help in the expansion of a dispensary into a hospital
- a) Explain SEVEN hospital departments that will be included in the plan. (14 marks)
  - b) State SIX functions of a hospital. (6 marks)

**END**