

091905T4HRI

HEALTH RECORDS AND INFORMATION TECHNOLOGY LEVEL 5

HE/OS/HR/CR/04/5/A

APPLY MEDICAL INSTRUMENTATION

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 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. A medical device is.
 - A. Any device intended to be used in theatre only
 - B. A device intended to be used by nurses and doctors
 - C. A device intended to be used for medical procedures
 - D. A tongue depressor and a pacemaker
2. The purpose of an endoscope is.
 - A. To measure blood pressure
 - B. To visualize internal body structures
 - C. To detect heart rate irregularities
 - D. To monitor oxygen saturation
3. Which medical imaging technique uses radioactive tracers to visualize internal body structures?
 - A. X-ray
 - B. MRI
 - C. Ultrasound
 - D. PET scan
4. The best way of increasing the lifespan of a medical device is.
 - A. Keeping the device in administrators' office
 - B. Employing only skilled personnel
 - C. Continuous regular check-up, maintenance and repair assessment
 - D. Import only Korean made equipment
5. The process done with CT to visualize the blood flow in the renal arteries is.
 - A. CT Angioplasty
 - B. CT Angiography
 - C. Simple CT
 - D. CT Cardiograph
6. Quality assurance is important because;
 - A. It improves clinical inefficiency
 - B. It increases production cost
 - C. It helps in avoiding medical device failure during critical procedures
 - D. None of the above