

061005T4ICT

ICT TECHNICIAN LEVEL 5

IT/OS/ICT/CR/3/5

PERFORM COMPUTER REPAIR AND MAINTENANCE

JULY /AUG 2023



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

WRITTEN ASSESSMENT

Time: 3 Hours

INSTRUCTIONS TO CANDIDATE

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 8 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. When troubleshooting a computer that is not powering on, which tool is used to test the power supply? (1 Mark)
 - A. Multimeter
 - B. Cable tester
 - C. Loopback plug
 - D. Heat sink
2. Which of the following is the correct order to be followed when disassemble computer parts. (1 Mark)
 - A. Remove screws, disconnect cables, gently separate components
 - B. Disconnect cables, remove screws, gently deterge components
 - C. Gently separate components, remove screws, disconnect cables
 - D. Disconnect cables, gently separate components, remove screws
3. To prevent accidental electrostatic discharge (ESD) damage to computer components, technicians should use (1 Mark)
 - A. Rubber gloves
 - B. Surge protectors
 - C. Anti-static wrist straps
 - D. Circuit testers
4. Which tool is used to remove and install expansion cards in a computer such as graphics cards or sound cards (1 Mark)
 - A. Pliers
 - B. Cable tester
 - C. Anti-static wrist strap
 - D. Screwdriver
5. A maintenance technique that aims to optimize maintenance activities based on cost, risk, and performance factors is _____ .(1 Mark)
 - A. Risk-based maintenance
 - B. Corrective maintenance
 - C. Preventive maintenance