

061006T4ICT

ICT TECHNICIAN LEVEL 6

IT/OS/ICT/CR/6/6

PERFORM COMPUTER REPAIR AND MAINTENANCE

July /August 2024



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

PRACTICAL ASSESSMENT

TIME: 3 HOURS

INSTRUCTIONS TO CANDIDATE:

1. Do not write on the question paper
2. A separate plain paper will be provided for drawing.
3. Return the paper to the assessor at the end of assessment
4. Do not use the tools without permission from assessor

This paper consists of TWO (2) printed pages.

Candidate should check the question paper to ascertain that all pages are printed as indicated and that no questions are missing.

You are provided with the following resources:

- (i) Screwdriver
- (ii) CMOS battery
- (iii) Anti-static wrist band
- (iv) Computer
- (v) Live USB/CD containing data recovery software
- (vi) Data recovery software
- (vii) Provided operating system installation disk or USB drive

Perform the following tasks:

Task 1: Prepare working area and identify tools provided (10 marks)

Task 2: Clean computer hardware and install a new CMOS battery. (40 marks)

1. Disassemble the computer system.
2. Clean the components
3. Replace the provided CMOS Battery into the appropriate slot on the motherboard.
4. Boot up the computer and verify that the new CMOS battery is recognized by the system.

Task 3: Data Backup and Restoration

1. Create a folder named "backup" on the desktop.
2. Use the provided anti-static wrist band to safely remove the computer's hard drive.
3. Connect the hard drive to a secondary computer and copy important files to the "backup" folder.
4. Safely eject the hard drive and reconnect it to the original computer.
5. Verify that the restored files are accessible and intact.

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