

061005T4ICT

ICT TECHNICIAN LEVEL 5

IT/OS/ICT/CR/3/5

Perform Computer Repair and Maintenance

March/April 2025



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

PRACTICAL ASSESSMENT

Time: 3 HOURS

INSTRUCTIONS TO CANDIDATE:

1. You have been provided with the following resources for the practical tasks:
 - A PC with its accessories in a system unit
 - Screwdrivers set
2. You are required to perform the following tasks
 - a. Troubleshoot and assemble Computer Accessories
 - b. Perform System Diagnosis.

Task 1: Troubleshoot and assemble Computer Accessories

- a) Prepare your working area
- b) Unplug all the peripheral devices and disconnect the power supply. Open the case of the computer. Carefully examine the internal components to identify any issues or faults with the computer system provided.
- c) Insert and properly secure any missing components that are necessary for the computer system to function correctly.
- d) Reconnect the power supply and all previously disconnected external devices. Turn on the computer and ensure it boots up correctly.

Task 2: Perform System Diagnosis.

- a) Using DirectX diagnostic tool, get the system information and check whether there are any faults in your system.
- b) Using the system in-built tools, perform Error checking, disk optimization and defragmentation on your local disk C.
- c) Safely shutdown the computer