

061205T4CYB

CYBER SECURITY LEVEL 5

SEC/OS/CS/CR/01/5/A

Perform Computer Repair and Maintenance

Nov/Dec 2024



**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:

- i. *Flat-tip Screw drivers*
- ii. *Working computer*
- iii. *Needle-nose pliers*
- iv. *Antistatic wrist wrap*
- v. *Antistatic mat*
- vi. *Star-shaped screw driver*
- vii. *A plain paper*

TASK 1: Identify repair and maintenance tools

Identify and explain the functions of the tools provided

TASK 2: Computer disassembling and assembling

- a. You are provided with a working computer, disassemble the components below
 - i. Power cable
 - ii. Memory modules
 - iii. Hard drives
 - iv. Optical drives
 - v. Heat sink
 - vi. Rear cooling fan
 - vii. motherboard
- b. Assemble the computer correctly and ensure it is working properly

TASK 3: Setting BIOS Password

As an IT technician, you have been assigned the task of setting a BIOS password for a client's computer to enhance its security. The client wants to restrict unauthorized access to the BIOS settings. Your objective is to set a BIOS password that will require authentication before accessing the BIOS configuration.

Perform the following task

- a. Access the BIOS setting and set the BIOS password as Admin@2023.