**061004T4ICT**

**ICT LEVEL 4**

**IT/OS/ICTA/CC/03/4/A**

**REPAIR AND MAINTAIN A COMPUTER**

**March/ April 2025**

**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION COUNCIL**

**(TVET CDACC)**

**PRACTICAL ASSESSMENT**

**Time: 3 Hours**

**INSTRUCTIONS TO CANDIDATE:**

**You are required to perform the following tasks**

You have 10 minutes to familiarize yourself with working station.

**Task 1**

   a. Wear PPEs

   b. Perform the following computer hardware maintenance procedures

       i. Clean the hard disk

       ii. Clean the monitor

      iii. Clean the RAM

      iv. Dust off USB ports

       v. Dust off the power supply unit

      vi. Dust of the motherboard

vii.    Dust off the CD/DVD drive.


c.  Perform the following software maintenance tasks

    i.     Check the hard disk capacity

    ii.    Defragment hard disk drive

    iii.   Scan the files on the desktop using antivirus

    iv.    Access device manager

    v.     Identify and record any uninstalled device drivers.

    vi.    Create a new user account and create a password "0000" on this account

    vii.   Change the user account password to "2222"


**Task 2**

Perform each of the following tasks.

a.    Disassemble the computer and place each device on its own

b.    Assemble the computer by plugging each device in its rightful place and power it on to test functionality.                   .


**You have been provided with the following resources:**

1. A working computer system installed with windows 7 and above, Microsoft Office Suite, Internet Browser, antivirus and with internet connection

2. A blower

3. Antistatic watch or antistatic gloves

4. Soft lint cloth

5. Soft brush

6. Isopropyl Spirit

7. Computer Repair and Maintenance Tool Kit

8. Torch

9. Face Mask

10. Philips Head Screw Driver

11. Flat Tip Screw Driver