061006T4ICT

ICT TECHNICIAN LEVEL 6

IT/OS/ICT/CR/04/6

Perform ICT System Support

Nov/Dec 2024

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

PRACTICAL ASSESSMENT

Time: 2 HOURS

INSTRUCTIONS TO CANDIDATE:

1. You are required to perform the following tasks

   i. **TASK 1: Perform an audit**

2. You have been provided with the following resources for the practical tasks:

   i.   Computer installed with genuine Microsoft Office 2010 and an Antivirus

   ii. Network Router

   iii. Network Switch

   iv. Access to a printer

   v.   Ethernet cable

     vi.   Internet access

3. Screens capture all the tasks.

TASK 1: PERFORM AN AUDIT

1. Identify ICT Infrastructure.

2. Boot the computer, check the following and screen capture the following:

   a) The system performance:

      i. CPU speed

      ii. Memory capacity

      iii. Hard disk capacity

   b) Check the device performance and health of the system

   c) Check the firewall and network protection

   d) Check the virus and threat protection state

   e) Check whether the Microsoft windows updated

   f) Check the speed of the internet

   g) Check computer's network settings

3. Review the security measures(*check the status of antivirus or windows defender*)

4. Identify vulnerabilities

5. Verify that the ICT components adhere to ICT policy

   a) Physical security measure

   b) Logical security measure

6. Document an audit report

7. Provide recommendation for improvement