

061206T4CYB

CYBER SECURITY TECHNICIAN LEVEL 6

SEC/OS/CS/CR/03/6/A

PERFORM COMPUTER NETWORKING

Nov. / Dec. 2023



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

PRACTICAL ASSESSMENT

Time: 3 Hours

**This paper consists of 3 printed pages
Candidates should check the question paper to ascertain that all
pages are printed as indicated and that no questions are missing**

INSTRUCTIONS TO CANDIDATE

1. This assessment requires the candidate to demonstrate competence against unit of competency: **Perform Computer Networking**.
2. In this assessment, you will be required to perform **two (2)** practical tasks.
3. Write your name, registration code, date and sign in the practical assessment attendance register.
4. You have **10 minutes** to carefully read through the instructions and to collect the tools/resources required for the tasks.
5. The assessor will record your performance at critical points using audio-visual means.

The following resources will be provided to the candidate:

- 2 cables of 1M (about 3fts) each of UTP cable.
- 6 or more RJ-45 connectors
- 2 Computers with an operating system installed.
- 1 Switch connected to Network
- Network tool kit
- Network Printer
- Printing papers
- Reliable internet connection.
- Internet connection (cable)

In this assessment you are required to:

TASK 1: Perform straight through cable termination (20 Marks)

Terminate the two cables as straight through. Test the cables for connectivity.

TASK 2: Network the computers and the printer (30 marks)

You are required to connect the components, i.e. switch, computers and the printer to the network, ensuring the computers can print from the networked printer.

END