

061005T4ICT

ICT TECHNICIAN LEVEL 5

IT/OS/ICT/CR/1/5

Perform Computer Networking

Nov/Dec 2024



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

PRACTICAL ASSESSMENT

Time: 3 Hours

INSTRUCTIONS TO CANDIDATE:

1. You are required to perform the following tasks
 - i. Configure the network
 - ii. Test the network.
 - iii. Generate report
 - iv. Print report
2. You have been provided with the following resources for the practical tasks:
 - Two computers both installed with windows operating system and MS Office or any drawing software
 - Wire stripper
 - Crimping tool
 - Switch
 - Internet connection

- Printer
- Ethernet cable
- Cable tester
- RJ45 connectors
- Printing papers

Task 1

- a) Identify the tools and equipment provided.
- b) Draw a sketch of a ring topology using the materials provided.
- c) Prepare the cables by crimping to the RJ45 connector.
- d) Test the cut cables if they are working properly.
- e) Set up the network.
- f) Ensure the switch is connected to the internet
- g) Set up the IP address for the computers and capture a screenshot of the edit IP settings window.
- h) Test the connectivity of the network using the Ping command.
- i) Search for “How to safely use the internet” from the internet.
- j) Save the search in a word document as “internet” on the desktop
- k) Share the file “internet” among the two computers on the network.
- l) Generate a testing report.
- m) Screenshot the test report and save it in a Microsoft word document as “testing report” on the desktop.
- n) Print the test report.