

061005T4ICT

ICT TECHNICIAN LEVEL 5

IT/OS/ICT/CR/1/5/A

PERFORM COMPUTER NETWORKING

JULY/AUG 2023.



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

PRACTICAL ASSESSMENT

TIME: 2 Hours

INSTRUCTIONS TO CANDIDATE

Time allocation: **15 minutes** for preparation and **1 hour 45 minutes** for performing tasks.

You are provided with the following resources to carry out the tasks:

- Workstations, 2 computers, 1 printer
- Network interface card
- RJ45 cables/connectors
- Ethernet cables
- Crimping tools
- User manuals
- Cable tester
- Signal Tester
- Network tool kit

TASK

In this practical assessment you are required to perform the following tasks:

- A. Design the network on the plain paper given.
- B. Terminate the cables using appropriate standard.
- C. Configure networked computers as follows; 1st computer IP address: 192.178.2.1, 2nd computer IP Address: 192.178.2.2.
- D. Assign subnet mask to the computers.
- E. Perform network testing, generate that report and print it.