

061005T4ICT

ICT TECHNICIAN LEVEL 5

ICT/OS/IT/CR/01/5

PERFORM COMPUTER NETWORKING

NOV/DEC 2023



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

PRACTICAL ASSESSMENT

TIME: 3 Hours

INSTRUCTIONS TO THE CANDIDATE

1. You are given **10 minutes** to read through the tasks and confirm the availability of the resources
2. The assessor will record your performance at critical points during the exam

You are provided with the following resources

- i. Two computers both installed with windows application.
- ii. Crimping tool
- iii. Router
- iv. Switch

Task 1. Identify the devices provided for the practical exams **(4 Marks)**

Task 2. Configure a Windows computer to obtain an IP address automatically from a DHCP server. **(8 Marks)**

Task 3. Find the IP address of a device on your local network using the ping command. **(5 Marks)**

Task 4. Create an Ethernet cable and use it to Set up a basic wired network between two computers using an Ethernet cable. **(15 Marks)**

Task 5. Set up port forwarding on Windows Firewall to allow incoming traffic to a specific application or service. **(10 Marks)**

Task 6. Map a network drive on one computer to access shared folders and resources on the other computer. **(8 Marks)**