

061005T4ICT

ICT TECHNICIAN LEVEL 5

IT/OS/ICT/CR/01/5/A

PERFORM COMPUTER NETWORKING

July/Aug 2023.



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

Time: 3 Hours

WRITTEN ASSESSMENT

INSTRUCTION TO CANDIDATE.

1. This paper consists of **THREE** sections: A, B and C.
2. Answer questions as per instructions in each section.
3. You are provided with a separate answer booklet.

*This paper consists of SEVEN (7) printed pages
Candidates should check the question paper to ascertain that all
pages are printed as indicated and that no questions are missing*

SECTION A (20 MARKS)

Answer *all* questions in this section.

1. _____ is the maximum header size of an IP packet. (1 Mark)
 - A. 32 bytes
 - B. 64 bytes
 - C. 30 bytes
 - D. 60 bytes
2. Bridge works in _____ layer of the OSI model (1 Mark)
 - A. Application layer
 - B. Transport layer
 - C. Network layer
 - D. Datalink layer
3. How many layers are in the TCP/IP model (1 Mark)
 - A. 4 layers
 - B. 5 layers
 - C. 6 layers
 - D. 7 layers
4. The Internet is an example of _____. (1 Mark)
 - A. Cell switched network
 - B. Circuit switched network
 - C. Packet switched network
 - D. Operating system resource
5. _____ is defined as sub-netting. (1 Mark)
 - A. Dividing one large network into several smaller ones
 - B. Dividing network into network classes
 - C. Speeding up the speed of network
 - D. Controlling network.
6. Repeater operates in _____ of the OSI model (1 Mark)
 - A. Physical layer
 - B. Data link layer
 - C. Network layer
 - D. Transport layer