

**NETTUR TECHNICAL TRAINING FOUNDATION**  
**DIPLOMA IN INFORMATION TECHNOLOGY & DATA SCIENCE – CP09**  
**II SEMESTER REGULAR & SUPPLEMENTARY EXAMINATION-JULY 2023**

**Subject: Computer Networks**  
**Subject Code: CP09211T**

**Total Time: 2 Hr.**  
**Total Marks: 50**

**PART B**

**1.0 ANSWER ANY EIGHT OF THE FOLLOWING** **2\*8=16**

- 1.1 What is used for communication between two or more the computer?
- 1.2 What are the two interfaces provided by protocols?
- 1.3 Write the application area of wireless access point
- 1.4 Write the advantages of twisted pair cable
- 1.5 How do repeater used in the large office area?
- 1.6 List out any 4 examples of wireless medium.
- 1.7 What are the changes happen attack done by Denial of Service?
- 1.8 What is jitter in networking?
- 1.9 What is Bandwidth? What will happen if it is increased?
- 1.10 List out NOS General Functions.

**2.0 ANSWER ANY SIX OF THE FOLLOWING** **3\*6=18**

- 2.1 List out seven layer of OSI model in the computer networking.
- 2.2 What is the difference between a passive and an active hub?
- 2.3 List out the Factors to consider when choosing network media.
- 2.4 Define the usage of Firewall. What are the types of firewall avail?
- 2.5 Write the difference between internet and intranet.
- 2.6 Write a short note on encryption techniques in the networking
- 2.7 What are the common protocols in VoIP?
- 2.8 What is data link layer? Write the use of frame in data link layer?

**3.0 ANSWER ANY FOUR OF THE FOLLOWING** **4\*4=16**

- 3.1 Write a short note on different network topologies
- 3.2 List the steps for network troubleshooting
- 3.3 list out the different types of security threats in computer networks
- 3.4 Write a short note on private key encryption.
- 3.5 List out the factors to consider when choosing network media.
- 3.6 Write down the applications of Voice over IP

