NETTUR TECHNICAL TRAINING FOUNDATION
DIPLOMA IN COMPUTER ENGINEERING & IT INFRASTRUCTURE – CP08
II SEMESTER REGULAR & SUPPLEMENTARY EXAMINATION-JUNE 2023

Subject: Computer Networks-I   **Total Time: 2 Hr.**
Subject Code: CP08201T   **Total Marks: 50**

PART B

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

1.1 What is End Device?

1.2 What are the devices required generally for a Wireless LAN(WLAN)?

1.3 What is the decimal value equal to the binary 10101000?

1.4 What are the three parts of data link frame?

1.5 Write any two show commands used to verify interface configuration?

1.6 How to represent an IPv6 Address? Give an example

1.7 What is FTP?

1.8 How to encrypt all plain text passwords in CISCO devices?

1.9 What is Auto-MDIX?

1.10 What is DHCP?

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

2.1 Explain CISCO IOS Access Methods

2.2 Convert the Decimal 168 into Hexadecimal Number

2.3 List and explain the frame forwarding methods on CISCO switch

2.4 What are the major limitations of IPv4?

2.5 What are the three broad categories of IPv6 addresses?

2.6 Explain three common messages types used in HTTP protocol?

2.7 What are the factors to be considered when selecting network devices?

2.8 What are the benefits of using VLANs?

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

3.1 What are the seven layers of OSI reference Model?

3.2 How to configure a router interface?

3.3 What are the four classes of physical threats?

3.4 What are the four-step process to obtain a lease from DHCP Server?

3.5 Write the commands for any five basic device configuration on a CISCO Switch

3.6 What are the limitations of wireless network?

IMSF-8615