



UNIVERSITY OF THE PUNJAB

B.S. in Computer Science Fourth Year : Annual – 2021

Roll No. in Fig.

Roll No. in Words.

Subject: Computer Networks

Paper: 18-N

Time: 30 Min. Marks: 15

Attempt this Paper on this Question Sheet only.

Division of marks is given in front of each question.

This Paper will be collected back after expiry of time limit mentioned above.

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Signature of Supdt.:

Q.1. Encircle the right answer cutting and overwriting is not allowed. (10x1.5=15)

1. The _____ layer is responsible for end-to-end delivery of packets.

- i. Physical
- ii. Network
- iii. Datalink
- iv. Transport

2. Fast Ethernet refers to _____ coax LAN.

- i. 10BaseT
- ii. 10Base5
- iii. 10Base2
- iv. 100BaseT

3. How many bits can fit a link with delay of 4ms and bandwidth of 2.5 Mbps?

- i. 10
- ii. 100
- iii. 1000
- iv. 10000

4. The protocol that maps physical/MAC addresses to IP addresses is called _____.

- i. ARP
- ii. RARP
- iii. ICMP
- iv. Both (i) and (ii)

5. The length of the logical address in IPv6 is _____ bits.

- i. 64
- ii. 32
- iii. 48
- iv. 128

6. The following fields are related to fragmented packets in IP header.

- i. Identification
- ii. Fragmentation offset
- iii. Checksum
- iv. Both (i) and (ii)

7. The maximum header length of an IP packet can be

- i. 20 bytes
- ii. 60 bytes
- iii. 80 bytes
- iv. 16 bytes

8. What is the bit rate of a signal with bit duration of 0.005s?

- i. 200 bps
- ii. 500 bps
- iii. 2 bps
- iv. 2 kbps

9. IGMP stands for

- i. Internet Gateway Message Protocol
- ii. Internet Group Manage Protocol
- iii. Internet Group Message Protocol
- iv. None of the above

10. _____ refers to a set of procedures used to restrict the amount of data that the sender can send before waiting for acknowledgment.

- i. Error Control
- ii. Congestion Control
- iii. Flow Control
- iv. Connection control