

Dronacharya College of Engineering, Gurgaon

Department of Electronics and Computers Engineering

Subject: Computer Networks (IT-305-F)

Semester: VI/ Branch: ECS

Short Answer questions

Section A

1. List real life application of Hybrid networks.
2. Discuss limitations of OSI Model.
3. What are the advantages of star topology?
4. What are the disadvantages of ring topology?
5. At which layer of OSI model process to process communication is carried out?
6. What are the functions of presentation layer of OSI model?

Section B

1. Define ARP and RARP?
2. What is the main difference between TCP and UDP?
3. What are HTTP transactions?
4. Write the functions of MUA and MTA.
5. Differentiate between ARP and RARP.
6. What are different functions of IGMP?

Section C

1. In which type of LANs CSMA/CA is used as an access method?
2. What are distributed queues in DQDB?
3. What are the applications of VLANs?
4. Compare ATM and Frame Relay.

5. What is the function of a hub?
6. What is the difference between a router and a bridge?

Section D

1. What is the role of Proxy server?
2. What do you mean by Quality of service?
3. What are remote monitoring techniques?
4. Draw the IPv4 header.
5. Why are firewalls needed?
6. What is the concept of polling?