**SET A**

**Computer Network**

*MCQ questions(10x1=10)*

1. The first Network  
 A . CNNET  
 B . NSFNET  
 C. ASAPNET  
 D. ARPANET

2. The \_\_\_\_\_\_\_ is the physical path over which a message travels  
 A. Path  
 B. Medium  
 C. Protocol  
 D. Route

3. The standard suit of protocols used by the Internet, Intranets, extra-nets and some other networks.

A. TCP/IP

B. Protocol

C. Open system

D. Internet work processor

4. Which of the following is/ are the drawbacks of Ring Topology?

A. Failure of one computer, can affect the whole network

B. Adding or removing the computers disturbs the network activity.

C. If the central hub fails, the whole network fails to operate.

D. Both of A and B

5. Which of the following of the TCP/IP protocols is the used for transferring files from one machine to another?

A. FTP

B. SNMP

C. SMTP

D. TCP

6. Transmission data rate is decided by  
 A. network layer  
 B. physical layer  
 C. data link layer  
 D. transport layer

7. What is the name of wired Standard?

A. 803.13

B. 703.67

C. 802.2

D. 802.3

8. Ethernet frame consists of  
 A. MAC address  
 B. IP address  
 C both A and B  
 D. None of the mentioned

9.  Internet Control Message Protocol(ICMP) has designed to compensate  
 A. Error-reporting  
 B. Error-correction  
 C. Host and management queries  
 D. All of the mentioned

10. What is Broadcast IP Address ?

A. 127.0.0.1

B. 255.0.0.0

C. 255.255.0.0

D. 255.255.255.255

Short answer questions (2.5x4=10)

Qn1. What is Computer Network? Explain its Advantages and Disadvantages.

Qn1. What is topology? Explain the different topologies used by network.

Qn3. What is network media? explain its types.

Qn.4 write short notes on:

a. MAC address.

b. Hub

**Computer Network**

**SET B**

*MCQ questions(10x1=10)*

1. The computer network is   
 A. Network computer with cable  
 B. Network computer without cable  
 C. Both of the above  
 D. None of the above

2. During error reporting, ICMP always reports error messages to  
 A. Destination  
 B. Source  
 C.Next router  
 D. Previous router

3. Switching in the Internet is done by using the datagram approach to packet switching at the

A. network layer

B. application layer

C. data link layer

D. physical layer.

4. What is Broadcast MAC Address ?

A. EE-EE-EE-EE-EE-EE

B. FF-FF-FF-FF-FF-FF

C. AA-AA-AA-AA-AA-AA

D. one of above

5.  Which address identifies a process on a host?  
 A. physical address  
 B. logical address  
 C. port address  
 D. specific address

6. Which of this is not a guided media ?  
 A. Fiber optical cable  
 B. Coaxial cable  
 C. Wireless LAN  
 D. Copper wire

7. Communication between a computer and a keyboard involves \_\_\_\_\_\_\_\_\_\_\_\_\_\_ transmission  
 A. Automatic  
 B. Half-duplex  
 C. Full-duplex  
 D. Simplex

8. The IETF standards documents are called  
 A. RFC  
 B. RCF  
 C. ID  
 D. None of the mentioned

9. This topology requires multipoint connection  
 A. Star  
 B. Mesh  
 C. Ring  
 D. Bus

10. What is the wireless standard name?

a. 800.13

b. 703.67

c. 803.2

d. 803.11

**Short answer questions (2.5x4=10)**

Qn1. Explain the block diagram of Data communication system with neat diagram?

Qn2. What is Intranet, Extranet and Internet? also explain the mode of Communications?

Qn3. Explain the Client Server and Peer to Peer network? Also mentions theirs pros and cons.

Qn.4 write short notes on:

a. switch.

b. WAN