

ET604M - Computer Network

P. Pages : 1

Time : Three Hours



GUG/W/23/13937

Max. Marks : 80

- Notes :
1. All questions are compulsory.
 2. Due credit will be given to neatness and adequate dimensions.
 3. Assume suitable data wherever necessary.

1. a) Explain Domain name system and HTTP. 8
b) Explain peer to peer file sharing in details? 8
OR
2. a) Explain Socket programming in details? 8
b) Explain the concept of principles of network applications? 8
3. a) Explain time division switching in details? 8
b) Write short notes on. 8
i) Buffering. ii) Multicasting.
OR
4. a) Explain classification and requirements of switches. 8
b) Explain three generations of packet switches. 8
5. a) Write short note on connectionless and connection oriented transport. 8
b) Explain remote procedure call. 8
OR
6. a) Explain in detail. 8
i) UDP. ii) TCP.
b) Explain in detail. 8
i) ATM. ii) Frame Relay.
7. a) Explain quality of service in brief. 8
b) Compare virtual circuit and datagram networks. 8
OR
8. a) Explain issues in resource allocation. 8
b) What is congestion control and resource allocation. 8
9. a) Explain Hubs and router in detail. 8
b) Explain IEEE 802 standards in brief. 8
OR
10. a) Explain. 8
i) LAN & WAN. ii) Ethernet.
b) List the different routing algorithm, explain any one. 8
