

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**
