**QB1 / Assignment 1**

1. Explain different types of devices used in computer networks
2. Define Topology. Discuss in brief computer network topologies.
3. What do you mean by computer network? Classify computer networks and Explain them in brief
4. What is the significance of layered architecture? Explain the OSI layered architecture with a neat sketch. Differentiate between LAN, MAN, and WAN.
5. What are the distinct characteristics of local area networks, explain briefly
6. Describe the circuit-switched networks briefly.
7. Discuss in detail the packet-switched networks
8. Illustrate the TCP/IP reference model with a neat diagram
9. Differentiate between OSI and TCP /IP reference models.
10. How does UDP differ from TCP? List the applications of UDP
11. Define FTP. Discuss in brief about FTP.
12. What is the function of SMTP?
13. Explain the following networks i) ARPANET ii) Internet
14. Explain in brief about DNS.