Cloud Computing Skills (24UN-ICT-SEC201)

B.A. 1st Year (2nd Semester)

Assignment-1 (Unit-1)

Note: All Questions are compulsory. Prepare this assignment on A4 white paper written on both side.   *Date: 26.02.2025*

1. What do you mean by Computer Network? Explain the various types of computer networks in detail alongwith their advantages and disadvantages.

2. What is Network Topology? What are the different types of network topologies?

3. Explain the following in details:

   a. Hub, Switch, Router
   b. Repeater
   c. DNS
   d. IP address
   e. Network Interface Card (NIC)

4. What do you mean by Network Architecture? Explain in detail the followings:

   A. Peer-to-Peer (P2P) architecture

   B. Client-Server architecture

   C. Centralized architecture.