

1) what is a computer network?

A) A computer network is a group of interconnected devices that share resources and exchange data.

2) what are the types of network topologies?

A) Common network topologies include Bus, Star, Ring, mesh, and Hybrid.

3) what is the difference b/w LAN, MAN and WAN?

A) * LAN (Local Area Network): small, localized networks.

* MAN (Metropolitan Area Network):

Larger networks covering cities.

* WAN (Wide Area Network):

Large-scale networks spanning regions.

4) what is wifi?

A) wifi is a wireless networking technology using radio waves to connect devices.

5) what is the purpose of IP addresses?

A) IP addresses uniquely identify devices on a network, enabling communication.

6) what is the difference b/w TCP and UDP?

A) TCP (Transmission Control Protocol):

Reliable, error-checked connections.

* UDP (User Datagram Protocol): fast, connectionless data transfer.

7) what is a router?

A) A router connects multiple networks, directing traffic and managing data transmission.