

Class: VIII

Topic: Networking

Month: Notes of lesson for the month of April

I Answer the following questions:-

1. What are the components required for wireless networking?

Ans: The components required for wireless networking are:

- (i) Wireless Networkcards
- (ii) Accesspoints or Routers.

2. Differentiate between LAN and WAN?

Ans: A hub broadcasts data to all devices connected on the entire network while a switch does not broadcast the message rather it transmits the message from the source computer to the destination computer using MAC address.

3. Give two advantages of star topology.

Ans: Two advantages of star topology are

- (i) Easy to extend the network
- (ii) Setup cost is low.

II Competency-based questions:-

1. Mr. Hemant has set up his office with 50 computers. He wants to connect them and all the peripheral devices within his office building with wires. Which type of network should he use?

Ans: Mr. Hemant should use a Local Area Network

(LAN) to connect all the computers and peripheral devices within his office building.

2. Arpit wants to attach his computer to a network so that it can participate in network communication. Which card should he use?

Ans: To attach his computer to a network, Arpit should use a Network Interface Card (NIC).