



**पुर्णमा International School**

Shree Swaminarayan Gurukul, Zundal

*Class - VIII*

*Super Computer*

*Exercise Corner*

*Year- 2020-21*



## CH-1 COMPUTER NETWORKS

### ❖ Focus of the chapter

1. Client/server and peer-to-peer models
2. Advantages and Disadvantages of networks
3. Network hardware
4. Structure of a network
5. Types of networks

### ❖ Keywords

- **Client**-a computer that request information made available by a server
- **Server**-a computer that provides information to a client
- **Modem**-a device that converts digital information into analog and vice versa
- **Router**-an interconnection device that can connect individual LANS
- **Network Topology**-the physical layout of connected in a network

### ❖ Checkpoint

Write T for True or F for False.

1. A client is a computer or electronic device connected to a network. T
2. A computer in a network cannot be attacked by a virus. F
3. A modem is used to connect one network device to another. T
4. A router is used to exchange data across different networks. T

### ❖ Exercise Corner

➤ Tick(✓) the correct answers.

1. Which of the following is a name for a type of computer that stores data and provides information?  
A. Server
2. Which of the following is not present in a peer-to-peer network?  
A. Central server

3. Which of the following is a type of network cable?
  - A. Both a and b (coaxial cables and twisted pair cables)
4. Which of the following topologies has all the computers connected to a central computer?
  - A. Star
5. Which of the following types of network covers the smallest area?
  - A. PAN

**B. Fill in the blanks.**

1. A modem is a device that converts digital information into analog and vice versa.
2. A router is commonly used to connect different networks.
3. In Bus topology, all the network devices are connected to a single cable called the bus.
4. A MAN covers larger area than a LAN.
5. An example of a Personal Area Network is Bluetooth

**C. Name the type of network used in the following cases.**

1. In an office - LAN
2. In different offices of an organization in the same city - MAN
3. In various cities in a country - WAN
4. In a university - LAN

**Extras**

➤ **Tick(✓) the correct answers.**

1. Which type of network is used to connect computers at various cities in a country?  
a. LAN                      b. MAN                      c. WAN                      d. PAN
2. Which type of network is a private network that operates within a limited area such as an organization?  
a. LAN                      b. MAN                      c. WAN                      d. PAN

Date :- \_\_\_\_\_

3. Which type of following is a short-range wireless personal area network?

- a. Bluetooth                      b. Router                      c. Switches                      d. all of these

4. Which of the following that requests information made available by a server?

- a. Client                      b. Server                      c. Router                      d. None of these

5. Which of the following that provides information to a client?

- a. Client                      b. Server                      c. Router                      d. None of these

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