



**पुर्ना International School**

Shree Swaminarayan Gurukul, Zundal

**Class - VIII**

**Super Computer**

**Assignment**

**Year- 2021-22**

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# 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

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



## CH-2 INTRODUCTION TO MS ACCESS 2010

### ❖ Focus of the chapter

1. Database Management System
2. Database Objects
3. Starting MS Access 2010
4. Components of the Access window
5. Data types
6. Creating a new database
7. Saving a database
8. Opening an existing database

### ❖ Keywords

- **Database** – an organized collection of data related in some aspect
- **DBMS** – application software used to store, organize and retrieve data from a database
- **Table** – an object that contains data organized in the form of rows and columns.

### ❖ Exercise Corner

- **Tick(✓) the correct answers.**

1. Which of the following are the basic building blocks of a database?  
A. tables

2. Where are the names of all your database objects displayed?

A. Navigation pane

3. Which of the following is used to navigate through the records in a table?

A. Record Navigation bar

4. Which of the following is arrow in a table?

A. record

5. Which of the following is a data type used to store lengthy text?

A. Memo

**B. Write the data type you will use for the following.**

1. 09-Sep-1984 - date/time

2. \$56.9 - Currency

3. True/False – Yes/No

4. [explorer@gmail.com](mailto:explorer@gmail.com) - Hyperlink

5. 789 - Number

**C. Fill in the blanks.**

1. A database is a collection of data related to a particular subject or purpose, arranged in an organized way.

2. Charles Bachman developed the first DBMS called Integrated Data Store.

3. A column in a table is called a field.

4. To start MS Access 2010 : click on start > All Programs > Microsoft Office > Microsoft Access 2010

5. A database is saved with the extension .accdb



**D. Match the columns.**

1	Text	a	Stores websites or email addresses
2	Number	b	Used when there are two possible answers – Yes or No
3	Currency	C	Stores text or numbers that do not require calculations
4	Hyperlink	D	Stores values involving money
5	Yes/No	E	Stores numbers on which a calculation has to be done

**Ans.** 1- c 2- e 3- d 4- a 5- b

**Extras**

➤ **Tick(✓) the correct answers.**

1. Which of the following is a data type used to store date and time?

- a. Date/Time                      b. Time                      c. Date                      d. Time/Date

2. Which of the following is data type used to store websites or email addresses?

- a. Currency                      b. Memo                      c. Hyperlink                      d. Text

3. Which of the following is used to store text or numbers that do not require calculations?

- a. Text                      b. Currency                      c. Number                      d. all of these

4. Which of the following is used to store lengthy text and numbers such as notes?

- a. Text                      b. Memo                      c. Number                      d. all of these

5. Which of the following is used to store values involving money?

- a. Text                      b. Currency                      c. Number                      d. all of these