पुРना International School
Shree Swaminarayan Gurukul, Zundal

Class -VIII

Super Computer

Exercise Corner

Specimen Copy

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 <u>modem</u> is a device that converts digital information into analog and vice versa.

2. A <u>router</u> is commonly used to connect different networks.

3. In <u>Bus</u> topology, all the network devices are connected to a single cable called the <u>bus.</u>

4. A <u>MAN</u> covers larger area than a LAN.

5. An example of a Personal Area Network is <u>Bluetooth</u>

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

1. In an office   - <u>LAN</u>

2. In different offices of an organization in the same city – <u>MAN</u>

3. In various cities in a country – <u>WAN</u>

4. In a university - <u>LAN</u>

Extras

➤ **Tick(✓) the correct answers.**

1. Which type of network is used to connect computers at various cities in a country?

   a. LAN   <u>b. MAN</u>   c. WAN   d. PAN

2. Which type of network is a private network that operates within a limited area such as an

   organization?

   <u>a. LAN</u>   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 - 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- <u>c</u> 2- <u>e</u> 3- <u>d</u> 4- <u>a</u> 5- <u>b</u>

Extras

> **Tick(✓) the correct answers.**

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

   <u>a. Date/Time</u>   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   <u>c. Hyperlink</u>   d. Text

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

   <u>a. Text</u>   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   <u>b. Memo</u>   c. Number   d. all of these

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

   a. Text   <u>b. Currency</u>   c. Number   d. all of these