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**SINDHI HIGH SCHOOL, BENGALURU**

**HALF-YEARLY EXAMINATION [2023-24]**

**SUBJECT: COMPUTER SCIENCE**

**Class: VIII Max Marks: 30**

**Date: 10.10.2023 Reading Time: 8:30 to 8:40 am**

**No of Sides:02 Writing Time: 8:40 to 9:40 am**

**GENERAL INSTRUCTIONS:**

* Read all the questions carefully.
* All questions are compulsory

1. **Fill in the blanks: (½ x 5 = 2½)**
2. A \_\_\_\_\_\_\_\_\_ can provide wi-fi access to smartphones and other devices.
3. In \_\_\_\_\_\_\_\_\_\_topology , each node is connected with every other node in the network.
4. Data\_\_\_\_\_\_\_means duplication of data.
5. A\_\_\_\_\_\_\_\_is called the front end for the data entry and editing.
6. The layout of computer in a network is called\_\_\_\_\_\_\_\_

**II. Write True or False for the following: (½ x 5 = 2½)**

1. In a wireless network, devices are connected through radio waves=
2. The main components of a database are fields, tables and values=
3. The primary key is used to enter null values in a table=
4. A data type is used to define the type of data=
5. The rows in a table are called fields=

**III. Multiple Choice Questions: (½ x 5 = 2½)**

1. Which of the following cables are usually used in WAN?
2. Twisted Pair Cable (b) Coaxial

(c) Fibre optic (d) All of these

1. \_\_\_\_\_\_\_ is a computer network that covers a large geographical area such as city or many countries.
2. LAN (b) MAN

(c) WAN (d) PAN

3) Which of the data base objects are used to store data in the form of rows and columns.

1. Tables (b) Forms

(c) Query (d) Report

4) Which term is also used for columns?

1. Fields (b) Row

(c) Recor (d) None of these

5) The Query wizard option is available in \_\_\_\_\_\_\_\_\_tab.

1. Create (b) Design

(c) Database Tools (d) None of these

**IV. Write the full forms of the following: (1 x 5 = 5)**

1) PAN 2) MODEM 3) UTP 4) WI-FI 5) DBMS

**V. Answer the following in one word: (1 x 5 = 5)**

1) They are used enter data in to tables.

2) It is a collection row or organized facts that requires to be processed to make it meaningful.

3) It is used to display the selected record.

4) It is a hardware device that connects two different networks for sending data.

5) It is a connector used for networking, present at each end of a cable.

**VI. Answer the following questions: (2 x 5 = 10)**

1. Name the various types of computer network.
2. Write the difference between hub and switch.
3. What are two ways of creating a Microsoft access database?
4. Name any four data types in MS-Access.
5. What are the various ways to create a query?

**VII. Application Based Question (½ x 5 = 2½)**

Answer these based on the following table structure.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | NAME | MOBILE NO. | DATE OF JOINING | SALARY |
| 101 | Sharma | 1234567890 | 7/3/2022 | 20000 |
| 102 | Manjit | 9845624287 | 7/8/2022 | 10000 |
| 103 | Sanjay | 4578912345 | 15/6/2022 | 15000 |

Identify the data type for the following fields given in the above table.

1. ID
2. Name
3. Mobile No
4. Date of Joining
5. Salary

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