DELHI PUBLIC SCHOOL JAMMU
SESSION-2024-25
SAMPLE PAPER FOR HALFYEARLY EXAMINATION

Class:- VIII   **Max. Marks: 50**

Subject: - Computers   **Time: 2 HRS**

General Instructions
- *Paper consists of 50 marks.*
- *Section-A consists of 30 Marks.*
- *Section-B consists of 20 Marks.*

SECTION-A

A. Multiple Choice Questions   **(5 Marks)**

1. Computer network is a_____

     a) Group of computer linked to each computer

     b) Collection of hardware components and computers

     c) Packet that distribute application programs

2. SQL Stands for

     a) Structured Query Language

     b) Software Question Language

     c) String Queue Link

3. _____defines the rules for communication between network devices.

     a) Protocol   b) Website   c) Portal

4. Which one the following types of robot is semi-automated and can work in extreme conditions?

     a) Humanoid   b)Augmented   c) Teleoperated

5. _____datatype allows only 2 values-true or false.

     a) Short text   b) Long text   c) Yes/No

B. Give answer in one word or in one line: -   **(5 Marks)**

    1. Write the shortcut key is used to rename a table.

    2. Name two examples of wireless media.

    3. Name the network that consists of millions of smaller network world wide that is publicly accessible.

    4. Write one example of the Augmented robots.

    5. Write one example of the preprogrammed robots.

C. Write the full forms of the following: **(5 Marks)**

    1. TCP
    2. FTP
    3. DNS
    4. SQL
    5. ISP

D. State True or False   **(5 Marks)**

    1. Website is a collection of related web pages to provide information.
    2. In Flat database information is stored as a single file.
    3. Primary key allows null values.
    4. Letter addressing system is an addressing system where unique identification names are given to website.
    5. Genghis is a six-legged insect -like robot.

E. Fill in the blanks **(5 Marks)**

1. A _____is an electronic device that that connects the digital signal into analog signal and vice versa.
2. _____ is the shortcut key to save the database.
3. SARA is an example of _____robot.
4. The art of connecting different computers in a network called_____
5._____ datatype contains information about date and time.

F. Match The following

1

Humanoid

2.

Icon to see result of query

3.

Ctrl+O

4.   To open existing database   Optical fiber Cable

5.   Personal Area Network

F. Short Answer type Question-1
1. Define PAN.   (2)
2. Write the disadvantages of Mesh topology.   (2)
3. Define Candidate and foreign key.   (2)
4.How does SCARA robots help us?   (2)

SECTION-B
G. Long Answer type Question
1. Define the term datatype. Explain the following data types of MS Access.   (4)
    a. Currency
    b. Yes/No
2. Define Topology and explain any two topologies.   (4)
3. Write difference between Robot and smart machine on the basis of complexity and mobility.

                                                    (4)