



# Delhi Public School, Howrah

HALF YEARLY EXAMINATION (2024-25)  
CLASS-VIII

**Care must be taken not to write anything on the question paper. All the questions must be attempted in the correct sequence.**

## SUBJECT: COMPUTER EDUCATION THEORY EXAMINATION

Time:-2 Hours

F.M.50

### General Instructions:

- The question paper contains 8 questions with sub-parts.
- All questions are compulsory.
- Read the questions carefully.

### 1. Choose the correct answer.

(0.5X6=3)

- \_\_\_\_\_ is the extension of OpenShot file.  
i. .ppt      ii. .osp      iii. .ops      iv. .pso
- Shivam often works on Canva, where only some default tabs can be selected. Which of the following is the default tab that can be selected in the editor side panel in Canva?  
i. Upload      ii. Text      iii. Design      iv. Video
- This command is used for creating, altering and dropping a table.  
i. DDL      ii. DML      iii. DCL      iv. DQL
- Which of the following is not a key component of Data Science  
i. Data      ii. Programming Language      iii. Network Domain      iv. Machine Learning
- Wi-Fi stands for----.  
i. Wireless Fidelity      ii. Wireless Formality      iii. Wireless Flexibility      iv. Wireless Finality
- A \_\_\_\_\_ is the pictorial representation of statistical data to present information in a visual way, that is quick and easy to understand?  
i. Graph      ii. Algorithm      iii. Grid      iv. Plot

### 2. Fill in the blanks:

(0.5X6=3)

- The \_\_\_\_\_ is world's largest WAN.
- Data Science \_\_\_\_\_ are widely used in Products Recommendation Engine.
- A \_\_\_\_\_ is a collection of multiple tables that could be related to each other.
- Pen tool is used in \_\_\_\_\_ to draw any freehand drawing like lines, shapes and diagrams.
- OpenShot is a \_\_\_\_\_ editing software.
- \_\_\_\_\_ is a request for specific data from a database.

### 3. State whether the statements are True or False and rewrite the false statement(s) correctly: (1X5=5)

- Inkscape is a Proprietary drawing tool for creating and editing graphics.
- A network cable offers a central location where all the cables on a network meet.
- Bluetooth and WI-FI communication technologies use broadcast radio signals.
- Netflix and Amazon Prime are the most popular media streaming applications where you watch movies.
- Data Structure is used to extract meaningful information from the data which help interpret and

create an insight.

**4. Give one word answer of the following:**

**(1X6=6)**

- a. It mediates between the computer and physical media such as cables over which data travels.
- b. This tool in Inkscape is a small square on a line, curve or object outline which is used to edit the object.
- c. This software allows us to resize or trim our movie clip to remove unwanted sections.
- d. This command is used to remove one or more rows from a DBMS table.
- e. This feature on Facebook sends you automatic suggestions to tag your friends while uploading a photo.
- f. This person is responsible to design and manage data systems within an organization.

**5. Match the following:**

**(1X6=6)**

Column A	Column B
a. Machine Learning.	i. CMC
b. Unique index used to identify the rows of a table.	ii. Data
c. Raw facts or information	iii. Canva
d. Network of networks.	iv. Primary key
e. Online graphic designing app	v. Trained machines to make real time predictions
f. Flat Color	vi. Internet
	vii. Instruction
	viii. Server

**6. Find out the differences between the following terms:**

**(2X3=6)**

- a. DDL and DML
- b. LAN and MAN
- c. Delete and Drop

**7. Write the MySQL commands for the following table:**

**(1X4=4)**

**Table Employee:**

EmpNo	Ename	Salary	Bonus	DeptId
101	Aaliya	10000	234	DO2
102	Kritika	60000	123	DO1
103	Gurpreet	45000	566	DO1
104	Daribha	48000	564	DO3

- a. Insert a new record into Employee with the following data: (105,"Manoj", 70000, 340, DO1).
- b. Displays employee numbers of all the employees.
- c. Display all the employees who are earning more than 5000.
- d. Update the record of Daribha to change her bonus to 356.

**8. Answer the following question:**

- a. Name the various drawing shapes you can use to draw in the Inkscape interface. Mention its purpose. **(2)**
- b. A school library stores books of different categories and subjects in their database software. Classify what kind of database software a school can use. **(2)**
- c. **DesignCo Studio** is a graphic design firm specializing in creating vector illustrations and digital artwork for various clients. The studio recently adopted Inkscape as their primary tool for designing client projects. One of their upcoming projects involves creating a detailed infographic for a new marketing campaign.

**Situation:** The design team needs to understand how to effectively use Inkscape's features to maximize their productivity and ensure their designs are accurately represented. One critical aspect of using Inkscape involves understanding and manipulating the canvas to suit their design requirements.

- i. Define the term "Canvas" in the context of Inkscape, as it relates to the workflow of DesignCo Studio. **(1+2)**
- ii. Explain the various features of Inkscape Vector Designing which involves designing. **(1+2)**
- d. Shivam has created a database table in his computer copy. But he doesn't know how to create it in MySQL software. Help him with the process of creating a database and a table in MYSQL. **(2+3=5)**
- e. Spandita has heard a statement that "Data exists in numerous forms". Now, she wants to know more about the forms of data. Explain the features of the different forms of data with examples. **(5)**