



# Delhi Public School, Howrah

PRE BOARD – I EXAMINATION (2024-2025)

Class – X

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

SUBJECT: INFORMATION TECHNOLOGY (SUBJECT CODE 402)  
THEORY EXAMINATION (ANSWER KEY)

Time Allowed: -2 Hours

F.M.-50

### General Instructions:

1. Please read the instructions carefully.
2. This Question Paper consists of 21 questions in two sections: Section A & Section B.
3. Section A has Objective type questions whereas Section B contains Subjective type questions.
4. Out of the given (5 + 16 =) 21 questions, a candidate has to answer (5 + 10 =) 15 questions in the allotted (maximum) time of 2 hours.
5. All questions of a particular section must be attempted in the correct order.
6. SECTION A - OBJECTIVE TYPE QUESTIONS (24 MARKS):
  - i. This section has 05 questions.
  - ii. Marks allotted are mentioned against each question/part.
  - iii. There is no negative marking.
  - iv. Do as per the instructions given.
7. SECTION B – SUBJECTIVE TYPE QUESTIONS (26 MARKS):
  - i. This section has 16 questions.
  - ii. A candidate has to do 10 questions.
  - iii. Do as per the instructions given.
  - iv. Marks allotted are mentioned against each question/part.

### SECTION A: OBJECTIVE TYPE QUESTIONS

Q. 1	Answer any 4 out of the given 6 questions on Employability Skills (1 x 4 = 4 marks)	
i.	_____ is the driving force that pushes us to achieve our goals, feel happy and improve our quality of life. a. Self-Awareness    b. Self- Management    c. Self-Growth    d. Self-Motivation	(1)
ii.	_____ roles of entrepreneurs is to provide channels for further economic growth in the organization. a. Individual    b. Economic    c. Technological    d. Technological	(1)
iii.	To perform well at work and life in general, you must be able to manage and improve yourself in various skills. Which of the following skills helps you to prioritize the things you have to do to remove waste and redundancy from work? a. Responsibility    b. Time Management    c. Self-awareness    d. Adaptability	(1)
iv.	Kartik's Computer was running very slow, hangs and often restarts. He is very confused and tensed as he was working on a very important assignment. Kartik's friend gave him the following suggestions. Identify who has given him a genuine suggestion. a. Radha: Restart your machine b. Ishan: Install reliable antivirus software and update	(1)

	c. Amar: Don't use Pen drive d. Sam: Install free antivirus from net	
v.	Which of the following statement defines Sustainable Development? a. Well-being of mankind b. Taking care of ourselves and the future generations c. Well-being of mankind and animals d. Taking care of future generation	(1)
vi.	Consider the following statements: <b>Statement A:</b> The term "Communication" has been derived from the Latin word "Communicare", which means "to share". <b>Statement B:</b> Feedback is an important part of the communication cycle. Choose the correct answer from the following: a. Statement A is correct. b. Statement B is correct. c. Statement A and Statement B – Both are correct. d. Statement A and Statement B – Both are incorrect.	(1)

<b>Q. 2</b>	<b>Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)</b>	
i.	When you apply a _____, you apply a group of formatting effects together in one single step in Writer. (a) Style (b) Effects (c) Templates (d) Form	(1)
ii.	Gaurav is creating a report in Writer. The image gets embedded in his document whenever he drags and drops the image and the document size increases. Suggest a way to link the image file instead of embedding it. (a) Hold down the Ctrl key while dragging. (b) Drag and drop the image. (c) Hold down the Shift key while dragging the image. (d) Hold down the Ctrl and Shift key while dragging and dropping the image.	(1)
iii.	_____ is particularly useful when creating a watermark or when wrapping the image in the background in a document. (a) Transparency (b) Fill (c) Filters (d) Crop	(1)
iv.	A _____ is a model that you use to create other documents. (a) Styles (b) Template (c) Wizard (d) Sample	(1)
v.	Which of the following is used to create headings? (a) Chapter Numbering (b) Headings (c) Insert (d) None of the above	(1)
vi.	Rohit scored 25 out of 30 in English, 22 out of 30 in Maths. In order to secure an 85% in aggregate, he needs to calculate the score required for IT. Suggest him the suitable option out of the following to do so. (a) Macro (b) Goal Seek (c) Solver (d) Sub Total	(1)

<b>Q. 3</b>	<b>Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)</b>	
i.	Which function cannot be performed through Subtotal in a Spreadsheet? a. Sum b. Product c. Average d. Percentage	(1)
ii.	_____ is specifically designed to minimize or maximize the result according to a set of rules that you define in a spreadsheet. a. Goal Seek b. Solver c. Scenario d. Subtotal	(1)

iii.	A _____ hyperlink contains the full address of the destination file or web page. a. Relative      b. Absolute      c. Mixed      d. Address	(1)
iv.	Sourav and Kritika have done a survey of age wise literacy rates of their locality as a school project, which they have created in a Spreadsheet. They both want to work simultaneously to complete it on time. Which option they should use to access the same Spreadsheet to speed up their work. a. Consolidate Worksheet    b. Shared Worksheet    c. Link Worksheet    d. Lock Worksheet	(1)
v.	Spreadsheet software can find the changes by _____ sheets. a. Changing      b. Comparing      c. Renaming      d. Editing	(1)
vi.	Akshat wants to store a huge amount information about his firm in a database. Which type of table organization would be most suitable for this purpose? a. Relational      b. Flat File      c. Either Relational or Flat file      d. Complex key	(1)

<b>Q. 4 Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)</b>		
i.	Multiple copies of the same file leads to _____. a. Data Inconsistency    b. Data Consistency    c. Data Redundancy    d. Foreign Key	(1)
ii.	A table can have only _____ primary key in a database. a. 1      b. 2      c. 3      d. Many	(1)
iii.	Identify the property which help to set the number of characters in text/varchar field of a table in DBMS. a. Entry Required      b. Size      c. Default Value      d. Length	(1)
iv.	A _____ is made up of individual pieces of information. a. Record      b. Data      c. Cells      d. Queries	(1)
v.	Which of the following is not a type of relationship in Base? a. One to One      b. One to Many      c. Many to One      d. Many to None	(1)
vi.	After the query is created, you need to click on _____ button to run the query to produce result. a. Execute      b. Execute Query      c. Compile and Run Query      d. Run Query	(1)

<b>Q. 5 Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)</b>		
i.	Raj, the facilities manager at a large office building, is conducting a fire safety drill. Consider the following instructions he provides to employees. Which instruction does NOT align with standard fire safety rules? a. Ensure all electrical appliances are switched off before evacuation. b. Use the stairs instead of elevators during evacuation. c. Assemble at the designated gathering point outside the building. d. Re-enter the building immediately after the alarm stops.	(1)
ii.	Trisha is always tense during exam time. She is a sincere and studious student, but the thought of exams creates anxiety in her. Which stress management technique that you would suggest to help her? a. Yoga      b. Exercise      c. Vacation with family      d. All of these	(1)
iii.	_____ can result in fatalities and severe burns. a. Scissors      b. Slips and falls      c. Electrical dangers      d. Hot things	(1)
iv.	Learning _____ is the social and civic responsibility of every human being. a. First Aid      b. Computer      c. Handling electrical equipment      d. None of these	(1)
v.	A healthy lifestyle helps to keep and improve people's health and well-being. It does not include _____. a. Healthy eating habits      b. Physical Activity c. Stress management      d. Too much alcohol	(1)



4. Which tool is used to sort the data?

Q.19

Consider the following table; Sales

Sale_Id	Prod_Name	Price	Discount
1101	Laptop	65000	2500
1103	Prendrive	29500	1000
1105	Desktop	50000	1550
1106	Printer	12000	2000

a. How many fields and records are there in Sales table?

b. Write SQL commands for the following:

i. Display Sales ID and price of all products whose discount in more than 1000.

ii. Display the table records in alphabetical order of product name.

iii. Display product name and sales price after deducting the discount from the price.

Note: Sales price can be calculated as (price-discount).

(4)

Q.20

Explain the term "Scenarios" in relation to the spreadsheets with example.

(4)

Q.21

Gurukul Academy offers undergraduate courses to students. The university intends to create a well-defined pre-formatted document for creating and printing a marksheet that has the academy's logo on the top-right corner along with the director's name. Which feature of Writer is suitable for it? Explain the steps in brief.

(4)