

Roll No.

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Candidates must write the Code on the title page of the answer book.

- Please check that this question paper contains 8 printed pages.
- Code number given on the right hand side of the question paper should be written on the title page of the answer book by the candidate.
- Please check that this question paper contains 21 questions.
- **Please write down the Serial Number of the question before attempting it.**
- 15 minutes time has been allotted to read this question paper. The students will read the question paper only and will not write any answer on the answer-book during this period.

I PRE BOARD EXAMINATION INFORMATION TECHNOLOGY

Time allowed : 2 hours

Maximum Marks : 50

General Instructions :

1. *Please read the instructions carefully.*
2. *This Question Paper consists of 21 questions in two sections : Section A & 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.

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 ($1 \times 4 = 4$ marks)

- a. Which of the following types of feedback provides detailed and particular information to the sender?
 - i. Non-specific feedback
 - ii. Written feedback
 - iii. Oral feedback
 - iv. Specific feedback
- b. _____ involves being able to control reactions to emotions like frustration or excitement.
 - i. Self-motivation
 - ii. Self-awareness
 - iii. Self-confident
 - iv. Self-regulation
- c. Sustainable Development Goals (SDGs) are the collection of _____ global goals set by the United Nations General Assembly.
 - i. 12
 - ii. 15
 - iii. 17
 - iv. None of these
- d. Entrepreneurship is a good option for _____.
 - i. A career choice
 - ii. Making quick money
 - iii. Doing charity
 - iv. None of these
- e. Azim H premji is the chairman of _____.
 - i. Infosys
 - ii. Mahindra Group
 - iii. Wipro
 - iv. None of these

- f. One of these software is not an operating system.
- i. DOS
 - ii. Excel
 - iii. Unix
 - iv. None of these

Q.2- Answer any 5 out of the given 6 questions (1 × 5 = 5 marks)

- a. By dragging any _____ handle you can increase or decrease the _____ of the image diagonally.
- i. corner, size
 - ii. top, depth
 - iii. side, quality
 - iv. corner, quality
- b. A _____ is a model that you use to create other documents.
- i. templates
 - ii. document
 - iii. design
 - iv. copy paste
- c. Which operation do you perform in current document to copy a style from a template or another document?
- i. Update Style
 - ii. Load Style
 - iii. Modify Style
 - iv. None of these
- d. By using the _____ dialog box, you can make changes in image properties.
- i. Format
 - ii. Paragraph
 - iii. Image
 - iv. None of these
- e. This option sends the selected image to the bottom of the stack.
- i. Send to back
 - ii. Back One
 - iii. To Background
 - iv. None of these
- f. Which of the following extension is enclosed with a template?
- i. .oot
 - ii. .ott
 - iii. .otd
 - iv. None of these

Q.3- Answer any 5 out of the given 6 questions (1 × 5 = 5 marks)

- a. _____ is a more elaborate form of Goal Seek.
- i. Database
 - ii. Hyperlink
 - iii. Report
 - iv. Solver

- b. Macros are especially useful to _____ the same way over and over again.
- Repeat a task
 - Reject a task
 - Report a task
 - Comment a task
- c. Which menu holds the 'Multiple Operations' tool?
- Tools
 - Data
 - Sheet
 - None of these
- d. Which dialog box allows you to accept or reject changes in a spreadsheet?
- Manages Changes
 - Track Changes
 - Record Changes
 - None of these
- e. A hyperlink in Calc can be _____.
- Text
 - Picture
 - Both a and b
 - None of these
- f. Which of the following is not true?
- People can work simultaneously on shared worksheet
 - All the other users can save the shared file while you resolving the conflicts
 - A shared spreadsheet can be modified by the other users
 - None of these

Q.4- Answer any 5 out of the given 6 questions (1 × 5 = 5 marks)

- a. Which of the following allows you to enter the condition for a query?
 - i. Field
 - ii. Criteria
 - iii. Function
 - iv. None of these
- b. It is a convenient and interactive way of entering data?
 - i. Form
 - ii. Report
 - iii. Query
 - iv. None of these
- c. It is a type of report that always displays the same data from the time when it was created.
 - i. Dynamic
 - ii. Static
 - iii. Both (i) and (ii)
 - iv. None of these
- d. The _____ SQL command is used to create a table in the database.
 - i. CREATE
 - ii. INSERT TABLE
 - iii. CREATE TABLE
 - iv. None of these
- e. Which of the following clause can be used with the SELECT command?
 - i. WHERE
 - ii. ORDER BY
 - iii. Both (i) and (ii)
 - iv. None of these
- f. It refers to a combination of two or more attributes (fields) that uniquely identify the records in a table.
 - i. Primary Key
 - ii. Composite Primary Key
 - iii. Foreign Key
 - iv. None of these

Q.5- Answer any 5 out of the given 6 questions (1 × 5 = 5 marks)

- a. When do we use a fire extinguisher?
 - i. In case of flood
 - ii. In case of electric shock
 - iii. In case of fire
 - iv. In case of burn injur
- b. A radiation leak is an example of a _____.
 - i. Natural hazard
 - ii. Manmade hazard
 - iii. Hybrid hazard
 - iv. None of these
- c. Which of the following is an example of ignition sources of open flames?
 - i. Gas ovens
 - ii. Lighters in smoking area
 - iii. Welding torches
 - iv. All of the above
- d. To provide healthy and safety working environment, every organisation must have _____.
 - i. cleanliness
 - ii. filtered water
 - iii. clean washroom
 - iv. All of the above
- e. Healthy snacks at a work place include _____.
 - i. Burgers
 - ii. Fruits and nuts
 - iii. Chips
 - iv. None of these
- f. What is the result of contact with toxic liquid or chemicals accidentally released at the workplace?
 - i. Skin and eye reactions
 - ii. Fire
 - iii. Both (i) and (ii)
 - iv. None of these

SECTION B : SUBJECTIVE TYPE QUESTIONS

Answer any 3 out of the given 5 questions on Employability Skills

(2 × 3 = 6 marks) Answer each question in 20 - 30 words.

- Q.6- What is the difference single tasking and multitasking operating system?
- Q.7- How can cultural differences be a barrier to effective communication?
- Q.8- Give any two qualities of successful entrepreneur.
- Q.9- What are the primary goals of sustainable development?
- Q.10- What is self-awareness? Also give any two benefits of self-awareness.

Answer any 4 out of the given 6 questions in 20 - 30 words each (2 × 4 = 8 marks)

- Q.11- What is Referential integrity? Explain its purposes.
- Q.12- What do you understand by anchoring in word processor?
- Q.13- What is the purpose of consolidating data in spreadsheet?
- Q.14- Write the main steps to group drawing objects in Writer.
- Q.15- Give any two benefits of creating relationships between tables in a database.
- Q.16- Distinguish between physical Hazards and Chemical hazards.

Answer any 3 out of the given 5 questions in 50- 80 words each (4 × 3 = 12 marks)

- Q.17- What do you understand by the term 'Table of Contents'?
List the characteristics of a good 'Table of Contents' in a writer.
- Q.18- What is the difference between Goal seek and Solver feature in spreadsheet? Explain in details.
- Q.19- What are the basic fire safety rules to be followed in an organisation?
- Q.20- Explain the following in details:-
 - (i) Form
 - (ii) Report

Q.21- Structure Consider the following table "product"

PID	PNAME	PRICE	QUANTITY	CATEGORY
P01	BOARD	1000	2	OFFICE
P02	EYELINER	700	50	MAKEUP
P04	PENCIL	5	500	SCHOOL
P05	LAMP	250	10	DOMESTIC
P08	BEDSHEET	450	45	DOMESTIC
P09	LAPTOP	75000	15	OFFICE

Write SQL commands:

- To display names of all products whose categories is "domestic".
- To display product name and price whose quantity is less than 50?
- To display price and quantity of laptop.
- To display name and quantity of those products whose price is above is 5000.

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I - PRE BOARD EXAMINATION

Time: 2 hrs

INFORMATION TECHNOLOGY-402

MM: 5

CLASS X (CBSE)

SECTION - A

(OBJECTIVE TYPE QUESTIONS)

Q1. Answer any 4 out of the given 6 questions $1 \times 4 = \span style="border: 1px solid black; padding: 2px;">4$

- (a) (iv) specific feedback
- (b) (iv) self-regulation
- (c) (iii) 17
- (d) (i) A career choice
- (e) (iii) Wipro
- (f) (ii) Excel

Q2. Answer any 5 out of the given 6 questions $1 \times 5 = \span style="border: 1px solid black; padding: 2px;">5$

- (a) (i) corner, size
- (b) (i) templates
- (c) (ii) Load style
- (d) (iii) Image
- (e) (i) Send to back
- (f) (ii) .ott

Q3. Answer any 5 out of the given 6 questions $1 \times 5 = \span style="border: 1px solid black; padding: 2px;">5$

- (a) (iv) Solves

- (c) (i) Repeat a task
- (d) (ii) Data
- (e) (i) Manages changes
- (f) (iii) Both (i) and (ii)
- (g) (ii) All the other users can save the shared file while you resolving the conflict.

Q4 Answer any 5 out of the given 6 questions $1 \times 5 = 5$

- (a) (ii) Criteria
- (b) (i) Form
- (c) (ii) Static
- (d) (iii) CREATE TABLE
- (e) (iii) Both (i) and (ii)
- (f) (ii) Composite Primary key

Q5. Answer any 5 out of the given 6 questions $1 \times 5 = 5$

- (a) (iii) In case of fire
- (b) (ii) Manmade hazard
- (c) (iv) All of the above
- (d) (iv) All the above
- (e) (ii) Fruits and nuts
- (f) (i) Skin and eye reaction

SECTION - B (SUBJECTIVE TYPE QUESTIONS)

Answer any 3 out of given 5 questions: $2 \times 3 = 6$

Ans 6. Single tasking operating system allow only one task or program to run, where as multitasking computer can perform two or more task simultaneously

Ans 7 Social interaction varies in different cultures. What may seem like an appropriate gesture in one culture might be inappropriate in another. and this act as a barriers to effective communication.

Ans 8 The two qualities of successful entrepreneurs are

1. Passion	5. Creativity
2. Motivation	6. Self starter
3. Optimism	7. Open minded
4. Vision	8. Risk Taker
	9. Confidence

Ans 9. Sustainable development is a development that meets the needs of the present without compromising the ability of future generation to meet their own needs.

Ans 10 Self-awareness means being aware of your personality, including your strengths, weakness, thoughts, feelings, behaviours, strengths, weaknesses. It enhance confidence, communication skills, decision making abilities, innovation etc


Ans 11 Referential Integrity is a rule in RDBMS. It states that a foreign key must have a matching primary key. It ensures the accuracy and consistency of the data within a relationship, and prevent the users to enter the inconsistent data.

Ans 12 You can use an anchor to set the position of an image. It sets the selected image to the current page and does not move when you add or delete text or the other objects.

Ans 13 Consolidating data means combining data from different source into one place. It allow to select the contents of cells from several worksheets and maintained the collected data in a master worksheet.

Ans 14. To group objects:-

- * Draw two or more drawing object
- * click on the select tool on the Drawing tab.
- * Drag it over the object's to select them.
- * Right-click and select group from the context menu.
- * All the selected object will be group.



PRACTICE

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Ans 15 * Data can be divide or group in two multiple table
* large amount of data can be store in multiple table.

Ans 16 Physical hazard include Exposure to radiation from various source, Lasers, Ultrasound or vibration caused by loud noises, Material, like boilers and deep freezer with extremely low or high temperature.
Chemical hazard include chemical or particulates absorbed by the skin, inhaled by a person or ingested by mistake can result in various adverse reaction like skin problems, respiratory illness or even blindness.

Ans 17 The Table of Content is a necessary index, generally available in long document, books, drafts, etc. Its consists of heading and sub-heading of a book or document.
A good Table of Contents has:-

- * It should be easy to read & simple to use
- * It should be organised and formatting properly.
- * It must be accurate & easily accessible.

Ans 18 Goal seek is used to set a goal to find the optimum value for one or more target variables, given with the certain condition. It allow you to try different values in the formula to arrive at a solution for the ~~an~~ input value.



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'Solver is the elaborate form of Goal seek. The only difference between the Goal seek and solver is that the solver deals with equation that have multiple unknown variable.

Ans 19 The basic fire safety rules are:

- * Carry out a fire safety Risk Assessment.
- * Keep the workplace clean.
- * Maintain Electrical Safety
- * Keep Electrical Control Panels Accessible.
- * Store chemical safely
- * Prevent ignition in Explosive Areas.
- * Mark the Exits.

Ans 20 Form :- A form is linked to a table. Using form, you can add or edit one record at a time. It is a convenient and an interactive way of entering data.

REPORT :- A report is a summary of your database. It is an effective way to organise and summarise the data for viewing and printing. It consists of information obtained from tables or queries, and presented as per the users requirements.

Ans 21 SQL command are:-

(a) `SELECT PNAME FROM product WHERE CATEGORY="DOMESTIC"`

Remarks:

Teacher's Signature:



Date :/...../.....

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(b) `SELECT PNAME, PRICE FROM PRODUCT WHERE QUANTITY < 50 ;`

(c) `SELECT PRICE, QUANTITY FROM PRODUCT WHERE PNAME = "LAPTOP" ;`

(d) `SELECT PNAME, QUANTITY FROM PRODUCT WHERE PRICE > 5000 ;`

— x — x —