



B.K. BIRLA CENTRE FOR EDUCATION

**SARALA BIRLA GROUP OF SCHOOLS
A CBSE DAY-CUM-BOYS' RESIDENTIAL SCHOOL**

PERIODIC TEST--II (2025-26) INFORMATION TECHNOLOGY (802) / SUBJECT-05

**Class : XI A/B/C
Date : 10-11-2025
Admission No.:**

**Duration : 60 mins
Max. Marks : 25
Roll No.:**

General Instructions:

1. Please read the instructions carefully.
2. This Question Paper consists of **24 questions** in three sections – Section A, Section B & Section C.
3. Section A has Objective type questions whereas Section B & Section C contains Subjective type questions.
4. **Out of the given (10 + 14 =24) questions, a candidate has to answer (7 + 8 =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 (7 MARKS):**
 - i. This section has 10 questions.
 - ii. There is no negative marking.
 - iii. Do as per the instructions given.
 - iv. Marks allotted are mentioned against each question/part.
7. **SECTION B & SECTION C – SUBJECTIVE TYPE QUESTIONS (18 MARKS):**
 - i. This section contains 14 questions.
 - ii. A candidate has to do 8 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 7 out of the given 10 questions on Employability Skills (1 x 7 = 7 marks)

- i. _____ are basically the beliefs about what matters the most, how to behave and which goals are important to achieve. 1
a) Values b) Perseverance c) Attitude d) None of these
- ii. _____ business activity, the services are intangible and cannot be felt or seen. 1
a) Manufacturing b) Service c) Trading d) None of these

- iii. If the mouse does not work even if it is properly connected to the computer, you should once try to connect it to : 1
 a) Another computer and see if it works b) The main power c) The USB connector
 d) None of these
- iv. To forcefully end the application which is not working, use the shortcut _____. 1
 a) Ctrl + Alt + Delete b) Alt + F4 c) Ctrl + Shift + Esc
- v. What is the name given for a systematic approach used to solve a problem ? 1
 a) Debugging b) Inventing c) Solving d) Troubleshooting
- vi. A minimum of 200-500 MB of _____ is required for a computer to function well. 1
 a) Hard disk space b) free space c) thumb drive space d) None of these
- vii. When the computer becomes completely _____, you will have to force stop it by pressing the power button till it switches off. 1
 a) Perfect b) working c) broken down d) unresponsive
- viii. Disk ____ is a condition that occurs when a computer's file system stores files in contiguous or scattered clusters on the hard disk. 1
 a) Segmentation b) pagination c) fragmentation d) backup
- ix. What is a table in RDBMS ? 1
 a) A graphical representation of data b) A collection of related websites.
 c) A data structure used in programming d) A two-dimensional data structure with rows and columns.
- x. What is the purpose of the DESCRIBE statement ? 1
 a) To delete data from a table b) To retrieve specific columns from a table
 c) To show the structure of a table d) To update records in a table.

SECTION B: SUBJECTIVE TYPE QUESTIONS

(Answer any 6 out of 10 Short Answer Questions)

- Q 2. What values does a successful entrepreneur have ? Write any two values with examples. 2
- Q 3. What are the three types of business activities ? Explain any two. 2
- Q 4. Give any two reasons why a keyboard may work worked. 2
- Q 5. How can you ensure that the external speakers work properly ? 2
- Q 6. What steps should be followed when you are faced with software related problems ? 2
- Q 7. How do you troubleshoot networking problems ? 2
- Q 8. Give the various reasons why the Internet may not work. 2
- Q 9. Write a SQL command to create a table "TEACHER" of the given data specification. 2
- | Column Name | Data Type | Description |
|-------------|--------------|---------------------|
| TID | INT | Primary Key |
| NAME | VARCHAR(50) | Name of the Teacher |
| SUBJECT | VARCHAR(30) | Subject Taught |
| SALARY | DECIMAL(8,2) | Monthly Salary |
| DOJ | DATE | Date of Joining |
- Q 10. Differentiate between Primary key and candidate key. Give example 2
- Q 11. List important features of DBMS. 2

SECTION C: SUBJECTIVE TYPE QUESTIONS

(Answer any 2 out of 4 Long Answer Questions)

- | | | |
|-------|--|---|
| Q 12. | What are the steps you can take to check the Printer settings and IP address ? | 3 |
| Q 13. | How can you quickly check on the command line whether the network cable is working ? | 3 |
| Q 14. | State the various DML command with their corresponding functions. | 3 |
| Q 15. | What is a Data Type in RDBMS ? List the various data types. | 3 |

******* BEST OF LUCK *******