



Time: **2 Hours**

**PGDCA 2<sup>nd</sup> Semester Examination**  
**SEPTEMBER 2026**

Full Marks: **120**

**SET 2**

**SECTION – A (SQL & DATABASE)**

**Q.1 – SQL PRACTICAL**

**[40 Marks]**

Table Name: Student\_Records

Fields:

- Student\_ID (NUMBER)
- Student\_Name (VARCHAR2)
- Course (VARCHAR2)
- Fees (NUMBER)
- Admission\_Date (DATE)

Insert the following records:

| Student_ID | Student_Name | Course | Fees  | Admission_Date |
|------------|--------------|--------|-------|----------------|
| 101        | Rahul        | PGDCA  | 18000 | 01-Jan-26      |
| 102        | Priya        | ADCA   | 12000 | 05-Jan-26      |
| 103        | Aman         | DCA    | 9000  | 10-Jan-26      |
| 104        | Neha         | DAPT   | 20000 | 15-Jan-26      |

**Perform the following tasks:**

1. Create the table.
2. Insert all records.
3. Display students having Fees > 10000.
4. Display students of PGDCA course.
5. Update Aman's Fees to 10000.
6. Delete the record of Priya.
7. Display students whose fees are between 10000 and 20000.
8. Arrange student names in ascending order.

**Write all SQL commands used.**

**Q.2 – PHOTOSHOP**

**[30 Marks]**

Design a "Professional Admission Banner" for a computer institute.

Requirements:

- Insert a suitable background image
- Add institute name:
  - "IIIT Silchar Computer Institute"
- Add text:
  - "Admissions Open – 2026"
  - Courses Available: DCA | ADCA | PGDCA
- Insert 3 computer-related images/icons
- Add contact number and address
- Apply:
  - Layer Style
  - Text Effects
  - Brightness & Contrast
  - Filter Effect
  - Gradient Background

Save the file as:

Admission\_Banner.psd

Write all steps used.



## Q.3 – C PROGRAMMING

[20 Marks]

Write C programs for the following:

1. Write a program to check whether a number is Palindrome or not.
2. Write a program to print the multiplication table of a number.
3. Write a program to find the smallest among three numbers using if-else.
4. Write a program to calculate the sum of first 20 natural numbers.

Write output and steps used.

## SECTION – C (TALLY PRIME)

## Q.4 – TALLY PRIME (COST CENTER)

[15 Marks]

Create a company named XYZ Traders in Tally Prime.

Perform the following:

- Enable Cost Center
- Create Cost Categories:
  - Sales Department
  - Marketing Department

Create the following Cost Centers:

- North Zone
- South Zone

Create Expense Ledger:

- Salary Account
- Advertisement Account

Enter the following voucher:

Salary Expense ₹30,000

- North Zone = ₹18,000
- South Zone = ₹12,000

Additional:

- Display Cost Center Summary Report

Write all steps used.

## Q.5 – TALLY PRIME (STOCK ACCOUNTING)

[15 Marks]

Perform the following in Tally Prime:

Create:

- Stock Group: Electronics
- Stock Items: Laptop, Printer

Details:

| Items   | Quantity | Rate  |
|---------|----------|-------|
| Laptop  | 10       | 45000 |
| Printer | 5        | 12000 |

Enter a Purchase Voucher.

**Additional:**

- Display Stock Summary Report

Write all steps used.