MCSL–210(P)(Set-I)

POST GRADUATE DIPLOMA IN COMPUTER APPLICATION (PGDCA-NEW)
Term-End Practical Examination
June, 2025

MCSL-210(P)(Set-I) : DBMS AND JAVA LAB

Time : 2 Hours   *Maximum Marks : 50*

***Note** : (i) There are two Sections in this paper.*

(ii) Each Section is of one-hour duration.

(iii) Attempt only that Section(s) in which you are not yet successful.

Section—A
(DBMS)

***Note** : Answer the following question. It carries 20 marks and the viva-voce is of 5 marks.*

1. Create the following tables :

Department   (Dept_ID,   Dept_Name, Location)

Employee (Emp_ID, Emp—Name, Dept_ID, Salary, Gender).

Use appropriate data types and primary/foreign keys. Insert at least 10 meaningful records.   4

Write the following SQL queries based on above tables :

(a) List Emp_Name and salary of employees working in 'HR' department.

                                                        4

(b) Find all employee whose salary is between ₹ 30,000 and ₹ 50,000.   4

(c) Count total number of male and female employees.   4

(d) Find the name of the employee with the highest salary.   4

Section—B
(Java Lab)

Note : *Answer the following question. It carries 20 marks and the viva-voce is of 5 marks.*

2. Write a Java program to define a class 'Bank Account' with methods to deposit, withdraw and display the balance. Use constructor, method overloading and proper access specifiers.   20

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