

No. of Printed Pages : 2

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)

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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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