No. of Printed Pages : 3

MCSL–210(Set-I)

POST GRADUATE DIPLOMA IN COMPUTER APPLICATIONS (PGDCA-NEW)

Term-End Practical Examination

June, 2026

MCSL-210(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 25 marks.

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

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

Section—A

(DBMS Lab)

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

1. Create the following tables :

   EMPLOYEE (E_ID, Name, Designation, Salary, Experience, M_ID)

   MANAGER (M_ID, Name, Salary, Project)

   Insert 10 meaningful records in each table

   Answer the following queries using SQL :

   (a) Display name and salary of all the managers.

   (b) Display name and designation of those employees whose salary is more than ₹ 50,000/-

   (c) Display total number of Employees whose designation is "Programmer".

   (d) Display name and designation of those employees who work under manages whose manager ID (M_ID) = "1001".

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 for multiplication of two matrices. Define appropriate class and methods in your program. Make provision for exceptions handling in the program.

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