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MCSL-210(P)(Set-III)

**POST GRADUATE DIPLOMA IN
COMPUTER APPLICATIONS
(PGDCA-NEW)**

Term-End Practical Examination

June, 2025

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

Time : 2 Hours

Maximum Marks : 50

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

(ii) Each Section is of 1 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 :

Course (Course_ID, Course_Name, Duration)

Registration (Student_ID, Course_ID,

Registration_Date)

Use appropriate keys and data types. Insert at least 10 meaningful records.

Write the following SQL queries based on above tables :

(a) Display all students registered for the course 'Python Programming'. 4

(b) Find the number of students registered for each course. 4

(c) List courses with duration more than 6 months. 4

(d) Display student ID and course ID for registrations done in the current year. 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 read ‘*n*’ integers from the user, store them in an array, and sort them in ascending order. Use classes and appropriate access specifiers. Include exception handling for invalid input. 20

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