

No. of Printed Pages : 2

## **MCSL-210(P)(Set-II)**

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

**Term-End Practical Examination  
June, 2025**

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

*Time : 2 Hours*

*Maximum Marks : 50*

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**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.*

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#### **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 :

Library      (Book\_ID,      Title,      Author,  
year\_published)

Issue (Issue\_ID, Book\_ID, Member\_Name, Issue\_Date, Return\_Date)

Use appropriate data types and primary/Return\_Date keys. Insert 10 meaningful records in each table. 4

Write the following SQL queries based on above tables :

- (a) List all books issued in the year 2023. 4
- (b) Find books written by 'R. K. Narayan'. 4
- (c) Count the number of books issued to 'Amit'. 4
- (d) Display the title and author of the most recently published book. 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 create an abstract class 'Vehicle' with an abstract method 'display Info()'. Extend this class in two Classes : 'Car' and 'Bike'. Override the display Info()' method to display the specific details of each vehicle. 20

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