

No. of Printed Pages : 2 **MCSL-210(Set-III)**

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

**Term-End Practical Examination
December, 2024**

MCSL-210(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) *Each Section has one compulsory question of 20 marks.*

(iv) *Each Section has 5 marks for viva-voce separately.*

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

Section—I : DBMS Lab

1. Create the following table as indicated below : 4

ENROL (Student Number, Course_Number,
Section)

TEACH (PROF, Course_Number, Section)

Underlined are the primary keys. Input meaningful data of at least 10 records.

Answer the following queries using SQL :

4 each

- (i) List all the students who have opted for Course_Number “123”.
- (ii) List all the course taught by Professor “Mishra”.
- (iii) List all the Student_Number and Section who studying course number “161”.
- (iv) List all the Professors.

Section—II : Java Lab

2. Create an applet using Java, which take name of any person as input and display its reverse. Use appropriate GUI and layout in your applet. 20

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