

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

**POST GRADUATE DIPLOMA IN
COMPUTER APPLICATIONS
(PGDCA-NEW)
Term-End Practical Examination
June, 2025
MCSL-210(P)Set-IV : 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 :

Vendor (Vendor_ID, Vendor_Name, City)

Product (Product_ID, Product_Name, Price,
Vendor_ID)

P-77(D)/MCSL-210(P)/Set-IV

P. T. O.

Use appropriate keys and data types. Insert 10 meaningful records. 4

Write the following SQL queries based on above tables :

- (a) List all products supplied by vendors from 'Mumbai'. 4
- (b) Find the average price of all products. 4
- (c) Display products whose price is above ₹ 1,000. 4
- (d) Display the vendor name who supplies the most expensive product. 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 that accepts a string and an integer from the user, then prints the substring from index 0 to the given integer. Also check for exceptions like 'StringIndexOutOfBoundsException'. 20

× × × × ×