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)

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

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