MCSL-210 (Set-2)

POST GRADUATE DIPLOMA IN COMPUTER APPLICATIONS
(PGDCA-NEW)
DBMS and Java Lab

Duration: 2 hours   Maximum Marks: 50

Note: 1.   There are two sections in this paper.

2.   Each section is of 1-hour duration.

3.   Attempt only that section(s) in which you are not yet successful.

SECTION-1: DBMS Lab

Note: Answer the following question. It carries 20 marks and the viva-voce is of 5 marks.

1.   Create the following table with the fields given below:

BRANCH (Branch_ID, Branch_Name, City)

ACCOUNT (Branch_ID, Account_No, Account_Type, Balance)

Depositor (Customer_Name, Account_No, Address, City)

Use appropriate data types for all the fields. Select appropriate a primary keys. Insert at least 10 meaningful records in the tables.

Answer the following queries based on above table using SQL:

i)   Find the list of customers whose account is in Brach whose Branch_ID is 2001.

ii)   Display name and address of customers whose account balance is less than ` 500.

iii) Display Account_No and Balance of all the accounts of Branch-ID 2005.

iv) Display Customer_Name and Account_No of customers of city "Varanasi".

SECTION-2: Java Lab

Note: Answer the following question. It carries 20 marks and the viva-voce is of 5 marks.

2. Write Java program to multiply two matrices. Define class and methods using proper access specifiers. Also define constructor in your program. Assume the input matrices are of order 3×3

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