Bachelor of Science (B.Sc.)-II Third Semester (Old)
B.Sc.23141 - Computer Science Paper-I
(Data Base Management System & MS-Access)

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Notes : 1.   All questions are compulsory & carry equal marks.
         2.   Draw neat and labelled diagram wherever necessary.
         3.   Avoid vague answer and write answers relevant and specific to questions only.

1.   Either

a)   Explain the functions of DBMS.   **5**

b)   Explain the role of DBA in DBMS.   **5**

OR

c)   Explain the working of traditional DBMS.   **5**

d)   Write a note on DBMS Environment.   **5**

2.   Either

a)   What is Normalization? Explain with example.   **5**

b)   What is relational algebra? Explain.   **5**

OR

c)   Discuss record based data model.   **5**

d)   Discuss second Normal form with example.   **5**

3.   Either

a)   Describe form of MS-Access with example.   **5**

b)   Explain the field types used in MS-Access.   **5**

OR

c)   Explain designing of database with example.   **5**

d)   Discuss the editing records in MS-Access.   **5**

4. Either

    a)   Explain the procedure to create a form.   **5**

    b)   Explain the advantages of Report.   **5**

<div align="center">OR</div>

    c)   Design the report of employee table having the fields empname, empcode, Designation and salary.   **5**

    d)   Explain filter using multiple Criteria with example.   **5**

5.   Solve all questions.

    a)   Enlist the characteristics of DBMS.   **2½**

    b)   Write a note on functional dependency.   **2½**

    c)   Enlist the operations performed on table.   **2½**

    d)   Write a note on Macro.   **2½**

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