DATA BASE MANAGEMENT SYSTEM

(Common for Computer Applications and Information Technology)
Paper – BAP – 203, BIT – 203
Semester - IV

Time Allowed : Three Hours] [Maximum Marks : 60

Note : The candidates are required to attempt *two* questions each from Section A and B and the entire Section C compulsory. All questions carry equal marks.

Section : A

1. Explain the steps for converting ER diagram to tables.
2. Write a note on Relational Algebra.
3. Define DBMS. Explain the difference between Traditional File Processing and Database Management System.
4. Write a note on Data Independence.

Section: B

5. Write a note on Multi Valued Functional Dependency.
6. Write a note on Normalization.
7. What do you mean by Database Concurrency ? Explain methods of handling concurrency.
8. Explain various features of MS–Access.

Section : C

9. Write on the following in short :
   (i) Define DBA.
   (ii) Define Normal Form.
   (iii) Define Database Security.
   (iv) Explain the steps for creating table in MS–Access.
   (v) Explain the difference between primary and unique keys.
   (vi) Define Database Schema.