MCA–950	MCA–05/ PGDCA–04

M.C.A. DEGREE/P.G.D.C.A. EXAMINATION — JANUARY 2015

First Year

Management System

INTRODUCTION TO DBMS

Time : 3 hours   Maximum marks : 75

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1.   Write the advantages of DBMS.

2.   Discuss about relational model.

3.   What are the types of data models? Explain.

4.   Explain Boyce-Codd normal form.

5.   What is multi key file organization?

6.   Explain knowledge base management system.

7.   Discuss about database management issues.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

8. What are events? How they are described in a database design?

9. List down the components of DBMS with its neat diagram.

10. Discuss about file organization in detail.

11. Explain 1NF, 2NF and 3NF with suitable example.

12. Write some SQL, DDL commands with examples.

13. Discuss about distributed database in detail.

14. Explain about the introduction of object oriented DBMS in detail.

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