MCA–105	MCA–05/ PGDCA–04

M.C.A DEGREE EXAMINATION — DECEMBER 2018.

First Year

INTRODUCTION TO DATABASE MANAGEMENT SYSTEMS

Time : 3 hours　　　　　　　Maximum marks : 75

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. Describe the three views of data.

2. Explain the drawbacks of file management system.

3. Compare sequential and index sequential file organization.

4. Differentiate between RDBMS and DDBMS.

5. Describe the properties of normalization.

6. Highlight the pitfalls of RDBMS.

7. What are the objectives of Knowledge based management system?

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

8. Explain the functions of Network model with an example.

9. Draw and E-R model for Library management system.

10. Discuss the multi key file organization.

11. Explain about evaluation of DBMS.

12. Elaborate on types of normal forms.

13. Describe the structure of distributed databases.

14. Write note on client/server computing.

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