UG–726　　　　　BCA–06

B.C.A. DEGREE EXAMINATION — JUNE, 2018.

First Year

INTRODUCTION TO DATABASE MANAGEMENT SYSTEM

Time : 3 hours　　　　　　　　Maximum marks : 75

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1.　What are the three views of Data? Explain it.

2.　Explain evaluation of DBMS in detail.

3.　What are the anomalies in a database? Explain in detail.

4.　Discuss the object oriented DBMS in detail.

5.　Write down the elements of DBMS.

6.　What are the properties of Normalization?

7.　Explain about the administration of DBMS.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

8. What are the different types of Database models? Explain it.

9. Explain Sequential file organization and Direct file organization.

10. What are the Normalization techniques? Explain any two in detail.

11. Explain the Client/Server computing in detail.

12. Explain Relational Algebra and relational completeness in detail.

13. Explain the following SQL statements :

   (a) DROP

   (b) ALTER

   (c) UPDATE

14. Explain Knowledge base management system in detail.

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