MBA–198 **MSP-82**

M.B.A. DEGREE EXAMINATION – JUNE 2010.

Second Year

Information Technology

RELATIONAL DATABASE MANAGEMENT SYSTEM

Time : 3 hours Maximum marks : 75

PART A — ($3 \times 5 = 15$ marks)

Answer any THREE questions.

Each question carries equal marks.

1. Explain relational model of DBMS.

2. Compare relational integrity constraints and business-critical integrity constraints.

3. Explain nested queries in object database.

4. Explain indexing and hashing.

5. How will you prevent logical damage?

PART B — ($4 \times 15 = 60$ marks)

Answer any FOUR questions.

All questions carry equal marks.

6. What are the benefits of DBMS?

7. Identify some of the problem that can threaten the integrity of the database.

8. Compare object based, objected oriented and object relational databases.

9. Compare ordered indexing and hashing.

10. Explain query processing and optimization.

11. Explain data dependant concurrency control and recovery.

12. Explain incomplete transactions and system crashes.

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