MAY 2011 **P/ID 37525/PBEJ**

Time : Three hours Maximum : 80 marks

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions.

All questions carry equal marks.

1. Explain the design notation of ER model.

2. Explain 1-NF (First Normal Form) with example.

3. Explain recovery steps or techniques.

4. Write a program in procedural language to retrieve data.

5. What is the use of graphical objects in reports?

6. Discuss about IDMS.

7. Write short notes on Database security.

8. Explain DBMS acquisition.

PART B — (4 × 10 = 40 marks)

Answer any FOUR questions.

All questions carry equal marks.

9. Explain the features of Relational model in detail.

10. Explain Query processing and concurrency management in detail.

11. Describe how to design form on reports of an application.

12. List and explain any five commands of Dbase IV.

13. Explain how database integrity is taken care in DBMS.

14. Discuss a case study in DBMS of your own.

PART C — (1 × 15 = 15 marks)

(Compulsory)

15. Draw an ER diagram for the University database that is used to keep track of student's transcripts assuming your own attributes and constraints.

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