Code :R7410410

R7

IV B.Tech I Semester(R07) Supplementary Examinations, May/June 2011
DATA BASE MANAGEMENT SYSTEMS
(Common to Electronics & Communication Engineering, Electronics & Control Engineering)
Time: 3 hours   Max Marks: 80

Answer any FIVE questions
All questions carry equal marks
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1. (a) What are the differences between file system versus database management system?

   (b) Explain about ER model.

   (c) What the additional features of ER model?

2. (a) Explain about integrity constraints.

   (b) Explain about selection and projection.

3. (a) Explain about aggregate operations.

   (b) Explain about joins.

4. Explain about normalization.

5. (a) Define transaction. What are transaction properties explain?

   (b) Explain about lock based control.

6. (a) Explain about specialized locking techniques.

   (b) How to you recover from system crash?

7. (a) Explain about cluster indexing

   (b) Explain about indexing & performance tuning.

8. (a) Explain about RAID.

   (b) Explain about static hashing technique.

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