

**R7**

Code: R7 211506

B.Tech II Year I Semester (R07) Supplementary Examinations, May 2012

**DATABASE MANAGEMENT SYSTEMS****(Computer Science and Systems 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 processing and data base management systems?  
(b) Explain about functions of data base administrator.
- 2 (a) Explain about additional features of ER model.  
(b) Explain about conceptual design to large enterprises.
- 3 (a) Explain about enforcing integrity constraints.  
(b) Explain about tuple calculus.
- 4 (a) Explain logical connectivity with examples.  
(b) Explain about triggers.
- 5 (a) Explain about lossless join dependency.  
(b) Explain about multivalued dependency.
- 6 (a) Explain about serializability and view serializability.  
(b) Explain about different types of locks.
- 7 (a) Explain about recovery with transaction management systems.  
(b) Explain about ARIES.
- 8 Explain about indexed sequential access methods (ISAM).

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