

Code No: C2509

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

M.Tech I - Semester Examinations March/April-2011

**DISTRIBUTED DATA BASES
(SOFTWARE ENGINEERING)**

Time: 3hours

Max.Marks:60

**Answer any five questions
All questions carry equal marks**

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1. What are the features of distributed databases? Explain. [12]
2. a) Give a brief account on a framework of query optimization.
b) Explain basic SDD-1 algorithm. [12]
3. Explain 2-phase commitment protocol. [12]
4. a) Write notes on concurrency control based on locking in centralized databases.
b) Give a brief account on distributed deadlocks. [12]
5. a) Define Reliability. Write notes on nonblocking commitment protocols.
b) Write notes on redundant databases and nonredundant databses. [12]
6. a) What are the various methods that a catalog can be allocated in the distributed databases.
b) Write short notes on site-to-site protection. [12]
7. a) Give a brief account on pointer swizzling.
b) Explain query execution with an example. [12]
8. a) Explain Multi database concurrency control.
b) Write short notes on PUSH-Based technologies. [12]
