

Code No: C4006**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****M.Tech I - Semester Examinations, March/April-2011****ADVANCED DATA BASES AND DATA MINING****(INFORMATION TECHNOLOGY)****Time: 3hours****Max. Marks: 60****Answer any five questions****All questions carry equal marks**

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1. What is meant by distributed data processing? Explain clearly the DDBMS architecture. [12]
2. a) Discuss briefly the distributed data base design issues.
b) What is meant by transaction? Describe the properties of transactions. [12]
3. State and explain various optimistic concurrency control algorithms. [12]
4. Define the term persistence of an object. Compare the OODBMS and RDBMS. [12]
5. a) Discuss about FP – tree growth and rapid association rule mining.
b) State various partitioning algorithms and explain any one of them. [12]
6. State and explain various categorical clustering algorithms. [12]
7. What is meant by text mining? Explain about spatial mining. [12]
8. Write short notes on the following:
a) Temporal association rules
b) Qualified relations
c) Deadlock management. [12]
