

Code: R7 420504

R7

B.Tech IV Year II Semester (R07) Advanced Supplementary Examinations, June 2012

DISTRIBUTED DATABASES

(Computer Science and Engineering)

Time: 3 hours

Max Marks: 80

Answer any FIVE questions

All questions carry equal marks

- 1 What are the advantages and disadvantages of distributed database?
- 2 (a) What is equivalence? How can two transformations are said to be equivalent? Explain.
(b) State and explain the properties that are used in equivalence transformations for the relational algebra.
- 3 (a) Explain about a new model of queries.
(b) Describe about the model for query optimization.
- 4 Explain the properties of transaction management.
- 5 Discuss about time and timestamps in a distributed databases
- 6 Discuss commitment protocols and network partitions.
- 7 (a) Explain object servers as a client/server architecture for distributed system.
(b) Give a detail note on composition graph.
- 8 Explain the schema integration phase in detail.
