

IV B.Tech I Semester Supplementary Examinations, April/May 2005
ADVANCED DATABASES
(Common to Computer Science & Engineering and Information Technology)

Time: 3 hours

Max Marks: 70

Answer any FIVE Questions
All Questions carry equal marks

1. With an example explain the distributed transparency for read-only application.
2. Discuss about the Allocation of Fragments.
3. (a) What are the various methods for the optimization of general queries.
(b) Explain various objectives in query processing optimization.
4. Give an overview about 2-phase commitment protocol.
5. Discuss the catalog management in distributed databases.
6. What is the way of executing concurrent transactions using Time Stamp mechanism.
7. Discuss the effect of commuting Joins and Unions.
8. Write short notes on the following:
 - (a) 'CUT' operator.
 - (b) Protocols and Sessions.
 - (c) LOGs.
