

Roll No

MCSE - 203

M.E./M.Tech., II Semester

Examination, July 2015

Advanced Concept in Data Bases

Time : Three Hours

Maximum Marks : 70

- Note :** i) Attempt any five questions.
ii) All questions carry equal marks.

1. Discuss different types of database management systems with advantages and disadvantages of each.
2. Describe different preprocessing steps in data mining.
3. What are the different advantages of a distributed database management system? Discuss in detail the different functions of a DDBMS to manage the complexity of data distribution.
4. Explain in detail pipelining and materialization.
5. Discuss in detail Concurrency control in distributed database management system and recovery control in distributed database management system?
6. Explain the following:
 - a) Web databases
 - b) Multimedia databases
 - c) Clustering-based disaster-proof databases
 - d) Mobile database

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7. Explain in detail Object Oriented Data Model (OODM) and Object Oriented DBMS (OODBMS).
8. What do you mean by Data warehouse? Explain the following terms:
 - a) Star schema
 - b) Snowflake schema
 - c) Fact constellations
