

C 5514

Name.....

Reg. No.....

SEVENTH SEMESTER B.TECH. (ENGINEERING) DEGREE EXAMINATION
JUNE 2010

CS/IT 04 705 (B)-ADVANCED TOPICS IN DATABASE SYSTEMS

(2004 admissions)

Time : Three Hours

Maximum : 100 Marks

- I. 1 What is meant by literals ?
2 Write short note about Interfaces, Classes and Inheritance in OOD.
3 List the advantages of distributed database.
4 Explain the types of distributed database Systems.
5 Discuss about deductive database.
6 Explain the proof theoretic and model theoretic interpretation of rules.
7 What is meant by distributed database in oracle ?
8 Write the different applications of oracle.
- (8 × 5 = 40 marks)
- II. (a) Discuss about the Object Oriented Concepts. (15 marks)
Or
(b) Explain in detail about object identity, object structure and type constructor. (15 marks)
- III. (a) What is meant by data collection in distributed database design ? (15 marks)
Or
(b) Draw a neat sketch and explain the distributed database in oracle. (15 marks)
- IV. (a) Explain the types of multimedia data. (15 marks)
Or
(b) Explain in detail about digital library. (15 marks)
- V. (a) Discuss in detail about storage and indexing is handled in oracle. (15 marks)
Or
(b) How the transformation of query are handled and supported by oracle ? (15 marks)
- [4 × 15 = 60 marks]