

22640

M.Tech. 1st Semester (CSE) CBCS Scheme

Examination, December-2018

ADVANCED DATABASE MANAGEMENT SYSTEM

Paper- MTCSE21C3

Time allowed : 3 hours [Maximum marks : 100]

Note: Attempt five questions in all selecting one from each unit. Question No. 1 is Compulsory.

1. Describe the following: 20
- (i) SQL
 - (ii) Recovery
 - (iii) Subject Definition Language.
 - (iv) Data warehousing.

Unit-I

2. Explain the following: 20
- (i) Relational Algebra
 - (ii) Normal forms
3. Explain in detail about Query Processing. 20

Unit-II

4. Describe the following: 20
- (i) Recovery in centralized DBMS
 - (ii) Disaster Recovery
5. Give a complete description about concurrency. 20

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Unit-III

6. Explain the following 20
- (i) Object query Language.
 - (ii) Object definition Language.
7. Give a complete description about distributed database. 20

Unit-IV

8. Define Data Warehousing. Also describe data warehouse architecture. <http://www.HaryanaPapers.com> 20
9. Explain the following: 20
- (i) Enhanced SQL
 - (ii) Object Relational Approach.

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