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

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.   20

9. Explain the following: 20

   (i)   Enhanced SQL

   (ii) Object Relational Approach.