G-13

B.Tech. EXAMINATION, May 2017

(Seventh Semester)

(Electives) (Re-appear Only)

(CSE)

CSE-451-B

DATA WAREHOUSING & DATA MINING

Time : 3 *Hours*]   [*Maximum Marks :* 75

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note : Attempt *Five* questions in all, selecting at least *one* question from each Unit. All questions carry equal marks.

Unit I

1. (a) What are problems of Data warehouse ?

5

(b) Explain evolution of data warehouse. **5**

(c) Explain various types meta data. **5**

2. Explain architecture of a 4-tier data warehouse.

15

Unit II

3. (a) What is data warehouse DBMS ? How is it different from a DBMS. **7**

(b) Explain various administrational and management tools used in data warehouse. **8**

4. Describe various types distributed data warehouse in details. **15**

Unit III

5. Describe Multi-stage data ware house in details.

15

6. What is Virtual dataware house ? Explain in detail. **15**

Unit IV

7. Describe use of fuzzy logic in knowledge discovery in details. **15**

8. Write short notes on the following :

(a) Data Mining techniques

(b) Data Cube technology. **15**