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Roll No.

CC-418

M.B.A. EXAMINATION, May 2017

(Fourth Semester)

(Main & Re-appear)

IT-09

DATA MINING AND WAREHOUSING

Time : 3 Hours]

[Maximum Marks : 70

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. Define Data Warehouse. Discuss its environment pictorially. Also explain the characteristics of data warehouse.

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2. (a) Differentiate between data mart, data store and data warehouse.
- (b) Describe the impact of data warehousing on decision making and business functions with the help of suitable examples.

Unit II

3. What do you mean by Mining Association Rules? Explain single dimensional mining association rules.
4. List out the categories of OLAP tools and explain them.

Unit III

5. Diagrammatically illustrate and discuss the data warehousing architecture with briefly explain components of data warehouse.
6. (a) Illustrate the security measures taken in securing the data warehouse.
- (b) Explain the backup and recovery strategy used in data warehouse.

Unit IV

7. (a) Illustrate the major issues involved in data warehousing implementation.
- (b) How data warehouse metadata is managed? Explain.
8. Explain the following :
 - (a) Emerging trends in data warehouse
 - (b) Maintenance and evolution of data warehouse.