

Roll No.

Total Pages : 2

BT-8/M-20

38027

DATA WAREHOUSING AND DATA MINING

Paper-IT-472

Time Allowed : 3 Hours]

[Maximum Marks : 75

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

UNIT-I

1. (a) What do you mean by Data warehouse? Elaborate the advantages of using data warehouse over database. 8
- (b) Explain the various Historical Era's of Data warehouse 7
2. What do you mean by Data warehouse population? What are the steps in populating Data warehouse? Explain in detail. 15

UNIT-II

3. What do you understand by Business information warehouse? Explain both user and staging BIW with diagram. 15
4. (a) Explain the various obstacles while implementing the Warehouse. 8

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- (b) What are the various steps during planning your implementation? 7

UNIT-III

5. Elaborate the concept of Data mining. Explain, what kind of data can be mined. 15
6. Explain the architecture of Data Warehouse also explain the various issues in Data mining. 15

UNIT-IV

7. What is the need of Data preprocessing? What are various steps for Data transformation? 15
8. Explain Data mining multidimensional association rules for relational databases. 15