

Roll No.

Total Pages : 2

BT-8/M-13

8827

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.

UNIT-I

1. (a) What is Data Warehouse? How is it similar to and different from Database? 7
(b) Write a short note on historical perspective of Data Warehouse. 8
2. (a) Explain the conceptual and logical Data architectures. 7
(b) Explain the steps to design a Business Data Warehouse. 8

UNIT-II

3. What is Business information house? How can you design it? Explain. 15
4. (a) Explain the obstacles in implementing a Data Warehouse. 8
(b) Discuss the organizational implications of a Data Warehouse. 7

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UNIT-III

5. (a) Explain a 3D data cube representation of the data in any table, according to the dimensions—time, item and location. 8
(b) What technologies are used in Data mining? Explain. 7
6. (a) What is OLTP? Compare and contrast it with Data Warehouse. 7
(b) Explain the implementation of Data Warehouse. 8

UNIT-IV

7. (a) Explain the different activities carried out during Data preparation. 8
(b) Distinguish between Data generalization and Summarization. 7
8. (a) Explain mining single dimensional Boolean association rules from transactional Databases. 8
(b) Explain the Constraint-based association. 7

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