

Roll No.

Total Pages : 2

46213

BT-6/M-24

DATA WAREHOUSING AND DATA MINING

Paper : PE-IT-S302A

Time : Three 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. Explain the evolution of data warehousing in detail. Also discuss today's development environment. (15)
2. Describe the following : (5×3=15)
 - (a) Principles of data warehousing.
 - (b) The Logical Architecture of data warehousing.
 - (c) Types of Data and their uses.

UNIT-II

3. Explain the architecture of Data mining. Also discuss some profitable applications of data mining. (15)
4. Explain the data preprocessing in the detail. (15)

UNIT-III

5. Explain different data mining techniques in detail. (15)
6. Write short notes on the following :
- (a) Data Mining vs. Data Management System.
 - (b) Divisive clustering algorithm.
 - (c) K means Clustering. (5×3=15)

UNIT-IV

7. Explain applications of data mining in various fields. (15)
8. What is OLAP? Discuss the different OLAP architectures and their characteristics. (15)

EXAMKIT