

IV Semester M.B.A. (Day and Eve.) Examination, November/December 2023
(CBCS) (2022-23 and Onwards)

MANAGEMENT

4.9.3 : Data Warehousing and Data Mining

Time : 3 Hours

Max. Marks : 70

SECTION – A

Answer **any five** of the following. **Each** question carries **five** marks : (5×5=25)

1. What is data mining system ? Classify the different data mining system.
2. Describe the multidimensional data model. Provide an examples of a multidimensional data model.
3. What are frequent patterns in data mining, and why are they important ? Provide an example to illustrate.
4. What are the key issues and challenges in classification and prediction tasks in data mining ?
5. What is cluster analysis ? What are the different types of data that can be analyzed using cluster analysis ?
6. How does social network analysis contribute to understanding relationships in complex networks ?
7. What is meant by outlier analysis and what are the different types of outliers used in data mining ?

SECTION – B

Answer **any three** questions. **Each** question carries **10** marks : (3×10=30)

8. Explain the concept of data exploration in data mining. What techniques can be used for data exploration ?
9. Explain pruning in decision tree induction and when and why is pruning necessary ?

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