

APRIL 2020

**51326/SEE6H/
SEZ6H**

Time : 1½ hours

Maximum : 75 marks

SECTION A — (5 × 3 = 15 marks)

Answer any FIVE questions

1. What is Data mining?
2. What is Association Analysis?
3. What is the purpose of Data cleaning routines?
4. What are Metarules?
5. Define: Data Generalization.
6. What is concept Description?
7. Define: Interdimension Association Rules
8. Define : Decision Tree
9. Name any two applications of classification and prediction
10. Write a note on: Bayes' Theorem.
11. Define: Clustering
12. What is an outlier?

SECTION B — ($3 \times 10 = 30$ marks)

Answer any THREE questions

13. Discuss briefly on: classification of Data mining systems.
14. Write short notes on: Data integration
15. How to perform attribute relevance analysis for concept description?
16. Discuss briefly about a Data mining Query Language with example queries.
17. Write short notes on: Basic concepts in Association Rule Mining.
18. Discuss about classifier Accuracy.
19. Write the steps in K-means algorithm.

SECTION C — ($2 \times 15 = 30$ marks)

Answer any TWO questions

20. Explain the concept of Data Reduction
21. Explain the Architectures of Data Mining Systems.

22. Explain the working of the Apriori Algorithm.
 23. Explain about mining single Dimensional. Boolean Association Rules from Transactional Databases.
 24. Describe any two classification methods.
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