

MAY 2016

**P/ID 17525/PCE07**

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Time : Three hours

Maximum : 100 marks

PART A — (6 × 5 = 30 marks)

Answer any SIX questions.

1. Write down the various steps of knowledge discovery.
2. Discuss on Object Relational Databases.
3. Write a notes on Data Integration.
4. Discuss on Noisy data.
5. How can Association rules be classified?
6. Write a notes on FP tree.
7. What are the various preprocessing steps of classification or prediction process?
8. Write a notes on Cluster Analysis.

PART B — (7 × 10 = 70 marks)

Answer any SEVEN questions.

9. What are the various components of Data mining system? Explain.
10. Give a detailed note on Heterogeneous Databases and Legacy Databases.

11. Explain data reduction techniques.
  12. Give a detailed note on Dimensionality Reduction.
  13. Explain Apriori algorithm with example.
  14. Write brief notes on Mining Multilevel Association rule.
  15. Give a detailed note on Decision Tree Induction.
  16. Describe the different types of classification methods.
  17. What are the two types of Hierarchical Clustering? Explain.
  18. Explain Distribution-Based Outlier Detection.
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