

DECEMBER 2014

P/ID 17525/PCE07

Time : Three hours

Maximum : 100 marks

PART A — ($6 \times 5 = 30$ marks)

Answer any SIX questions.

1. Write on database technology evolution.
2. What are data warehouses? Explain.
3. Explain data reduction and the strategies used.
4. What is association rule mining?
5. Explain classification.
6. What is decision tree used for? Explain.
7. Explain case-based reasoning.
8. Write a note on cluster analysis.

PART B — ($7 \times 10 = 70$ marks)

Answer any SEVEN questions.

9. Discuss in detail KDD.
10. Explain any two advanced database systems.

11. Discuss in detail 'Data Discretization'.
 12. Explain the various approaches to multi-level association rules.
 13. Discuss Bayesian classification.
 14. List and explain the various prediction techniques.
 15. What are the strategies used for estimating classifier accuracy? Explain.
 16. Discuss on 'classification by decision tree deduction'.
 17. Explain in detail the various types of data used in cluster analysis.
 18. What are density based clustering methods? Explain.
-