

DECEMBER 2015

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. What is KDD? Explain.
2. Give the architecture of a typical data mining system.
3. Write about any two methods used in data cleaning.
4. List out the strategies used in data integration.
5. Write about 'Multidimensional association rules'.
6. List out the criteria for evaluating classification and prediction.
7. List out the hierarchical clustering methods.
8. What is outlier mining? Explain.

PART B — (7 × 10 = 70 marks)

Answer any SEVEN questions.

9. Discuss on the data warehouses architecture and operations.
10. Explain the various issues related to data mining.

11. List out and explain the different techniques of data transformation.
12. Discuss on the data reduction techniques.
13. Explain the criteria used for association rule classification.
14. Explain the methods of mining frequent itemsets without candidate generation.
15. What is decision tree induction? Explain.
16. How is classifier accuracy estimated? Explain.
17. What are the major clustering methods? Explain.
18. Discuss in detail 'web mining'.