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Register Number

Name of the Candidate:

M.Sc. DEGREE EXAMINATION, May 2015

(INFORMATION TECHNOLOGY)

(FOURTH SEMESTER)

411: DATA WAREHOUSING AND MINING

Time: Three hours

Maximum: 100 marks

SECTION-A

(8×5=40)

Answer any EIGHT questions

1. Compare Data Mining with Query Tools.
2. What is Data Warehouse? List the characteristics of Data Warehouse.
3. What is meant by 'Noise' in Data Mining? Explain the different data smoothening techniques.
4. Explain OLAP.
5. Explain the various types of Data Schema.
6. Write a short note on Data Warehouse Process Managers.
7. Explain the Hardware Architecture of Data Warehouse.
8. Give a note on Backup and Recovery process of Data Warehouse.
9. Explain the components involved in Capacity Planning of Data Warehouse.
10. List the features of Data Warehouse.

SECTION-B

(3×20=60)

Answer any THREE questions

11. Discuss the characteristics of the following:
 1. Self Learning computer Systems
 2. Concept Learning.
12. Explain in detail about various KDD process.
13. Describe elaborately how Data Mart differs from Data Warehouse.
14. Explain the various fundamentals design concepts of Data Warehouse.
15. Explain the various Test Plans of Data Warehouse.
