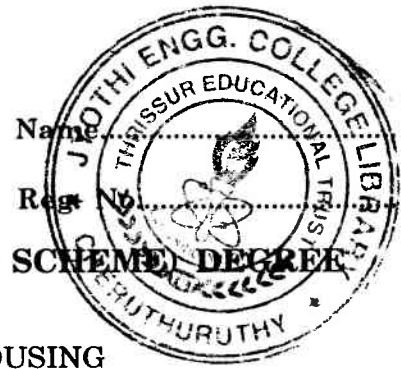


C 1041

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**EIGHTH SEMESTER B.TECH. [ENGINEERING] (09 SCHEME) DEGREE
EXAMINATION, APRIL 2016**

CS 09 802—DATA MINING AND WAREHOUSING

Time : Three Hours

Maximum : 70 Marks

Part A

Answer all questions.

1. What kinds of data patterns can be mined ?
2. What do you mean by association rules ?
3. Bring out the need for data cleaning.
4. Write about the characterization of major clustering methods.
5. Mention any two applications of data warehouse.

(5 × 2 = 10 marks)

Part B

Answer any four questions.

6. Write short notes on OLAP technology for Data Mining.
7. Brief about the working of data integration and transformation.
8. Bring out the significance of mining association rules in large databases.
9. With a neat example explain decision tables and rough sets.
10. Explain in detail about categorization of major clustering methods.
11. Explain in detail about database testing.

(4 × 5 = 20 marks)

Part C

Answer all questions.

12. With a neat diagram explain the process of knowledge discovery.

Or

13. Explain in detail about data discretization and concept hierarchy generation.
14. Discuss in detail about data mining languages and system architecture with a neat sketch.

Or

15. Explain in detail about the working principle of transactional databases.

Turn over

16. Describe about characteristic and discriminant rules.

Or

17. Write about the working of the ID3 Decision Tree Induction algorithm.

18. With a neat diagram explain hardware and operational design of a Data Warehouse.

Or

19. Discuss about the recent developments and trends in data mining and warehousing.

(4 × 10 = 40 marks)