Code: 06MC403

MCA IV Semester Supplementary Examinations, July 2013
DATA WAREHOUSING AND MINING

Time: 3 hours   Max Marks: 60

Answer any FIVE questions
All questions carry equal marks
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1 (a) Draw and explain three-tier architecture for OLAP.
 (b) Discuss in detail about major issues in data mining.

2 (a) Explain about data integration.
 (b) Explain discretization and concept hierarchy for numerical data.

3 (a) Explain about DMQL with suitable examples.
 (b) Discuss about task relevant data with an example.

4 (a) Explain different methods of attribute relevance analysis.
 (b) How is class comparison performed?

5 (a) Explain mining multidimensional association rules from relational databases
     and data warehouses.
 (b) Define association mining. Explain constraint based association mining.

6 (a) State and explain Apriori algorithm with an example.
 (b) What are the steps used to improve the efficiency of Apriori algorithm?

7 (a) What is cluster analysis? Explain about partioning methods.
 (b) Explain about outlier analysis.

8   Explain about the following:
 (a) Time series data.
 (b) Sequence data.
 (c) Text database.

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