

Code: 06MC403

MCA IV Semester Supplementary Examinations September/October 2014

**DATA WAREHOUSING AND MINING**

(For students admitted in 2008 only)

Time: 3 hours

Max Marks: 60

Answer any FIVE questions  
All questions carry equal marks

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- 1 (a) Describe the classification of data mining systems.  
(b) Discuss about data warehouse implementation.
- 2 Why to preprocess the data? What is data cleaning? Explain in detail.
- 3 (a) What are the data mining primitives?  
(b) Describe DMQL syntax for task relevant data.
- 4 (a) What are the descriptive statistical measures in large databases?  
(b) Explain about data generalization and summarization based characterization.
- 5 (a) Discuss about mining multilevel association rules from transactional databases.  
(b) Discuss about mining multidimensional association rules from relational databases to data warehouses.
- 6 (a) What are the issues regarding classification and prediction?  
(b) Explain about decision tree induction with an example.
- 7 Explain about major Clustering methods.
- 8 Explain the following:
  - (a) Spatial databases.
  - (b) Multimedia databases.
  - (c) Mining the world wide web.

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