B.Tech IV Year II Semester (R09) Supplementary Examinations April 2017
DATA WAREHOUSING & DATA MINING
(Electronics & Computer Engineering)

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

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1 (a) Describe three challenges to data mining regarding data mining methodology and user interaction issues.
   (b) Draw and explain the three-tier architecture of a data warehouse.

2 (a) Briefly discuss about data integration.
   (b) Briefly discuss about data transformation.

3 (a) Briefly discuss about task-relevant data specification.
   (b) Explain the syntax for task-relevant data specification.

4 (a) Explain about rule based classification.
   (b) Explain about support vector machines.

5   Explain about density-based methods and grid based methods.

6   Explain about/mining sequence patterns in transactional database.

7 (a) What is cluster analysis? What are some typical applications of clustering? What are some typical requirements of clustering in data mining?
   (b) Discuss about model-based clustering methods.

8   Explain about additional themes on data mining and social impact of data mining.

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