

Code: 9A05706

B. Tech III Year II Semester (R09) Supplementary Examinations, November/December 2012

**DATA WAREHOUSING & DATA MINING**

(Information Technology)

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions  
All questions carry equal marks

\*\*\*\*\*

- 1 (a) Discuss major issues in data mining.  
(b) Explain preprocess techniques in data mining.
- 2 (a) Differentiate star flake, snow flake, and fact constellation schemes.  
(b) What are typical operations of OLAP?
- 3 Explain different association rules. Explain Apriori algorithm with a suitable example.
- 4 How will you solve a classification problem using Bayesian classification?
- 5 (a) Explain alignment of biological sequence in mining streams.  
(b) Explain graph pattern mining.
- 6 Present condition under which density-based clustering is more suitable than partitioning based clustering and hierarchical clustering. Give examples to support your argument.
- 7 (a) Differentiate between spatial data mining and spatial multivariate mining.  
(b) What are three different web mining techniques? Explain with example.
- 8 (a) What are the privacy, security and social impacts of data mining?  
(b) Write about latest application and trends in data mining.

\*\*\*\*\*