

**Code No: C8209, C7810**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**M.Tech I - Semester Examinations, March/April-2011**

**DATA WAREHOUSING AND MINING**

**(COMMON TO COMPUTER NETWORKS, COMPUTER NETWORKS AND INFORMATION SECURITY)**

**Time: 3hours**

**Max. Marks: 60**

**Answer any five questions  
All questions carry equal marks**

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1. What is meant by Data Mining? Discuss in detail about classification of Data Mining systems. And also discuss about data reduction. [12]
2. a) Discuss the major issues in Data Mining.  
b) Explain clearly the Data Warehouse architecture. [12]
3. Explain the Data Cube technology and Data Cube Computation. [12]
4. What is meant by association mining? Discuss about various kinds of Association Rules, and also constraint – based association mining. [12]
5. a) Compare the Bayesian classification and Rule – Based classification.  
b) Explain about Multirelational Data Mining. [12]
6. Write the categorization of major Clustering Methods. Explain any four methods from them. [12]
7. Discuss about Spatial Data Mining. Multimedia Data Mining and mining World Wide Web. [12]
8. Write short notes on the following:  
a) Attribute – Oriented induction  
b) Data Cleaning  
c) Social impacts of Data Mining. [12]

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