Course Code: BIT 3606   **Time: 3 hours**

Course Title: Data Mining and Data Warehousing   **Max. Marks: 75**

Answer any five questions   **(5*15=75 marks)**

1. Show with diagrammatic illustration of the steps involved in KDD process and Data mining process.

2. Explain the architecture of a data warehouse with a neat sketch.

3. Discuss in detail about the data preprocessing in data mining.

4. a)What do you mean by Market Basket analysis and how can it help in a supermarket?

   b) Explain the steps involved in Apriori Algorithm.

5. a) Discuss about Decision tree induction algorithm with an example.

   b) Explain the Naive Bayesian Classification algorithm.

6. Define data cube and describe the OLAP operations with neat diagram and example.

7. Discuss the applications and trends in Data Mining and make a brief account on spatial and web mining