END TERM EXAMINATION

SIXTH SEMESTER [BCA] MAY 2017

Paper Code: BCA-302   **Subject: Data warehouse and Data Mining**

Time: 3 Hours   **Maximum Marks: 75**

Note: Attempt any five questions including Q no.1 which is compulsory. Select one question from each unit.

Q1   Answer **any five** of the following questions briefly:-   **(5x5=25)**
(a) How to classify various data mining systems?
(b) What do you mean by Association Rule Mining?
(c) What are data mining task primitives?
(d) Briefly explain OLAP.
(e) How to evaluate the accuracy of a classifier?
(f) What are important social impacts of data mining?

UNIT-I

Q2   What are the major issues in Data Mining? Explain in detail.   **(12.5)**

Q3   What is data preprocessing? Write and explain all the steps of data preprocessing.   **(12.5)**

UNIT-II

Q4   What is Multidimensional Data Model? Explain in detail the architecture of data warehouse.   **(12.5)**

Q5   What are frequent patterns, association and correlation? Explain with the help of a suitable example the advantages of frequent pattern mining.   **(12.5)**

UNIT-III

Q6   What is Classification? Write and explain the decision tree induction method.   **(12.5)**

Q7   What do you understand by Cluster Analysis? Explain Partitioning method in detail.   **(12.5)**

UNIT-IV

Q8   Write the major applications of Data mining in today's world.   **(12.5)**

Q9   Write the steps to mine spatial and multimedia databases.   **(12.5)**

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