

- Q5)** a) What is the concept of Association Rules Mining? Explain APRIORI algorithm?
 b) List and describe the five primitives for specifying a data mining task.
- Q6)** Explain the following:
 a) Operational and Informal Data stores.
 b) Bootstrap and boosting methods.
- Q7)** a) Explain in detail Attribute Selection Method?
 b) What is Data Visualization and how is it generated?



Roll No.
 Total No. of Questions : 07] [Total No. of Pages : 02

BCA (Sem. - 5th)
DATA WAREHOUSING & MINING
SUBJECT CODE : BSBC - 501 (2011 Batch)
Paper ID : [B1154]

Time : 03 Hours **Maximum Marks : 60**

Instruction to Candidates:

- 1) Section - A is compulsory.
- 2) Attempt any four questions from Section B.

Section - A

(10 × 2 = 20)

- Q1)** a) How a database design is represented in OLTP systems?
 b) Define update - driven approach?
 c) Define dimension table?
 d) What is entity identification problem?
 e) What do you mean by Data Reduction and Data Transformation?
 f) What is roll - up operation?
 g) Define the descriptive data mining?
 h) What is itemset and Minimum support count?
 i) What is data set?
 j) What do you mean by cross validation?

Section - B

(4 × 10 = 40)

- Q2)** What is data warehouse? Describe the various characteristics of data warehouse briefly describe 3-tier Data warehouse architecture.
- Q3)** What do you mean by OLAP & OLTP? Explain its difference?
- Q4)** a) What is Data pre processing? Explain Data Cleaning in Details?
 b) What is multi dimensional Data model? Explain star schema & snowflake schema.