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Roll No.				Total No. of Pages : 02
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BCA (2011 & Onward) (Sem.-5) DATA WAREHOUSING AND MINING

Subject Code: BSBC-501 Paper ID: [B1154]

Time: 3 Hrs. Max. Marks: 60

INSTRUCTION TO CANDIDATES:

- SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
- 2. SECTION-B contains SIX questions carrying TEN marks each and a student has to attempt any FOUR questions.

SECTION-A

1. Write briefly:

- a) List some applications of Data Mining.
- b) What is MODEL in Data Mining world?
- c) Explain clustering algorithm.
- d) What are the storage models of OLAP?
- e) What is Data Purging?
- f) What is Apriori Algorithm?
- g) What is Bootstrap?
- h) Briefly state difference between Data Warehouse and Data Mart.
- i) What is Star Schema?
- i) What is OLAM?

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SECTION-B

- 2. Discuss various applications of data warehousing and data mining.
- 3. What is OLAP and OLTP? Differentiate OLAP and OLTP.
- 4. Explain the Design/Technical/Implementation considerations to build a Data Warehouse.
- 5. Explain Association rule mining in detail.
- 6. What are DM Techniques? How we can select and use right DM Technique?
- 7. Explain the following:
 - a) Data Visualization
 - b) Cube Computation

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