

Roll No.

Total No. of Pages : 02

Total No. of Questions : 07

BCA (2013 & Onwards) (Sem.-5)
DATA WAREHOUSING AND MINING
Subject Code : BSBC-501
M.Code : 70628

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. **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

Q1. Answer briefly :

- a) What are operational and informational data stores?
- b) What is OLAP data warehouse?
- c) Write about the importance of Artificial Intelligence.
- d) What are data cubes?
- e) What is data summarization?
- f) How does decision tree work?
- g) Write about market based analysis.
- h) What is the accuracy of classifier?
- i) What is cross validation?
- j) Why do we use data visualization?

SECTION-B

- Q2 How much does a data warehouse cost? Write their applications and uses.
- Q3 Discuss the steps of building data warehouse by considering various technical aspects.
- Q4 What is multidimensional data model? Discuss the schemas for multidimensional data.
- Q5 What is association rule mining? Explain Apriori algorithm in data mining.
- Q6 Define clustering? Why clustering is important in Data Mining? Write its uses.
- Q7 What are different types of Data Mining Techniques? Explain any one in detail?.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.