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Total No. of Pages : 02

Total No. of Questions : 09

B.Tech. (IT) (Sem.-7, 8)
DATAWARE AND MINING

Subject Code : BTIT-706-18

M.Code : 90558

Date of Examination : 18-05-2023

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A

1. Write briefly :

- a) OLAP
- b) Data Warehousing
- c) Gini Index
- d) Pre-processing
- e) Data Store
- f) Schema
- g) DHP
- h) K-mediods
- i) Data vs. Information
- j) MOLAP.

SECTION-B

2. Explain the data pre-processing process in detail.
3. Explain the multidimensional schemas - Star, Snowflake, and Fact Constellation.
4. What is data mart? Differentiate between data mart and data warehouse.
5. Differentiate between decision tree and decision tree induction.
6. Describe in detail the operations performed on a cube.

SECTION-C

7. Explain with help of example Apriori algorithm and association rule mining.
8. Write a detailed note on Bayes theorem and Naive Bayes algorithm.
9. Describe various techniques for accuracy estimation. How to increase the accuracy of classifier?

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.