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Total No. of Questions : 09

Total No. of Pages : 02

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

Subject Code : BTIT-706-18

M.Code : 90558

Date of Examination : 24-04-2024

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) OLTP
- b) Boosting
- c) HOLAP
- d) Inductive Databases
- e) Star schema.
- f) Search Engine
- g) Metadata
- h) Data Mart
- i) Data Cube
- j) Ranking of Web Page.

SECTION-B

2. Define data and information. Differentiate between operational and informational data stores.
3. Define data warehouse. Explain its characteristics. Discuss its role and structure.
4. Define classification. Explain its process.
5. Write a note on data summarization and data transformation.
6. Differentiate between decision tree and decision tree induction.

SECTION-C

7. Explain the data warehouse architecture and data cube operations.
8. Define data mining. Explain in detail data mining process.
9. Explain the multidimensional schemas - Star, Snowflake, Fact Constellation.

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.