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Total No. of Pages : 01

Total No. of Questions : 07

B.Sc (IT) (Sem.-5)
DATA WAREHOUSE AND MINING

Subject Code : UGCA-1931

M.Code : 90392

Date of Examination : 23-12-2022

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 **SIX** questions carrying **TEN** marks each and students have to attempt any **FOUR** questions.

SECTION-A

1. Explain Briefly :
 - a) Bagging
 - b) Cross Validations
 - c) Drill-down
 - d) Attribute Selection
 - e) Data Visualization
 - f) Querying
 - g) OLTP
 - h) Classification
 - i) Snowflake Schema
 - j) Data Mining

SECTION-B

2. Define Data pre-processing. Explain various stages in process of data pre-processing.
3. Differentiate between OLAP and OLTP, ROLAP and MOLAP.
4. What are the various design considerations of data warehouse? Also explain data cleaning and data summarization.
5. Discuss various prediction techniques that are helpful in real life.
6. Explain APRIORI algorithm with help of example.
7. Write a note on fact constellation, its advantages and related concepts.

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