

Roll No.

Total No. of Pages : 02

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M.Sc. (Computer Science) (Sem.-3)
DATA MINING & WAREHOUSING

Subject Code : MSC-304

M.Code : 72106

Date of Examination : 19-12-22

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. **SECTIONS-A, B, C & D contains TWO questions each carrying TEN marks each and students has to attempt any ONE question from each SECTION.**
2. **SECTION-E is COMPULSORY consisting of TEN questions carrying TWENTY marks in all.**
3. **Use of non-programmable scientific calculator is allowed.**

SECTION-A

1. Draw and explain about OLAP Architecture.
2. Describe in brief about Data warehouse implementation.

SECTION-B

3. Define Clustering? Explain about Types of Data in Cluster Analysis?
4. Explain any prediction technique.

SECTION-C

5. What are various steps involved in the process for Data Pre-Processing? Explain each step.
6. Describe the characteristics of multi-dimensional data and how this data can be represented?

SECTION-D

- Describe the main aims and phases of the CRISP-DM model.
- Explain the important features of data mining tools.

SECTION-E

9. Write briefly:

- a) List two characteristics of data warehouse.
- b) What is data model?
- c) Define snowflake schema.
- d) What is predictive modelling?
- e) What is metadata repository?
- f) Define data cleaning.
- g) What is clustering?
- h) List any two operations of OLAP.
- i) What is data summarization?
- j) What is database segmentation?

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.