

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

M.Sc.(IT) (Sem.-4)

DATA WAREHOUSING AND DATA MINING

Subject Code : PGCA-1941

M.Code : 79564

Date of Examination : 19-07-22

Time : 3 Hrs.

Max. Marks : 70

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION - B & C have FOUR questions each.
3. Attempt any FIVE questions from SECTION B & C carrying TEN marks each.
4. Select atleast TWO questions from SECTION - B & C.

SECTION-A

1. Write short notes on :

- a) OLAP
- b) Data Warehousing
- c) Pre-processing
- d) Data Store
- e) Schema
- f) ARM
- g) SVM
- h) K-mediods
- i) Data
- j) Information

SECTION-B

2. Discuss the architecture of Data Warehousing in detail.
3. Briefly discuss the various data models with suitable example.
4. Describe in detail the operations performed on a cube.
5. Write a note on data cleaning and data integration.

SECTION-C

6. Explain data mining techniques - Association and Regression with example.
7. Discuss the various prediction techniques.
8. Write a detailed note on Bayes theorem and Naive Bayes algorithm.
9. Define Weka. What is its use? Explain its working.

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.