B.Voc. (SD)   (Sem.–2)
CONCEPTS OF DATA MINING
Subject Code : 5.GV.06
M.Code : 77038
Date of Examination : 21-01-23

Time : 3 Hrs.   Max. Marks : 30

INSTRUCTIONS TO CANDIDATES :
1. **SECTION-A is COMPULSORY consisting of TEN questions carrying ONE mark each.**
2. **SECTION-B contains FIVE questions carrying $2^1/_2$ (Two and Half) marks each and students have to attempt any FOUR questions.**
3. **SECTION-C contains THREE questions carrying FIVE marks each and students have to attempt any TWO questions.**

SECTION-A

1.   **Write short notes on :**

   a)   Data Mart

   b)   FP-Growth

   c)   Cube

   d)   Data Cleaning

   e)   Data Mining

   f)   Predictive Modeling

   g)   OLAP

   h)   Pattern based Data Mining

   i)   ROLAP

   j)   Bagging.

SECTION-B

2. Write a note on multidimensional data models and aggregates.

3. Discuss the architecture of Data Warehousing in detail.

4. What are OLAP and OLTP? Differentiate between the two.

5. Explain data mining techniques - Association and Regression with example.

6. How classification is different from clustering? Give suitable example.

SECTION-C

7. Write a note on Data summarization and Data transformation.

8. Discuss Data Mining and KDD process in detail.

9. Explain with help of example apriori algorithm.

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.