

7. Write short notes on **any two** of the following: 5×2

- a) Library Analytics
- b) Web Mining
- c) K-Means Clustering
- d) Data Mart

**MASTER OF LIBRARY AND INFORMATION SCIENCE
EXAMINATION, 2024**

(1st Year, 2nd Semester)

KNOWLEDGE DISCOVERY AND DATA MINING

PAPER – ML-08

Time : Two hours

Full Marks : 50

Answer **any five** questions.

1. a) What is Knowledge discovery? Discuss steps of Knowledge Discovery Process with diagram. 2+3
b) What is meant by 'Data Mining'? Discuss different applications of 'Data Mining'. 1+4
2. What is meant by 'Social Media Mining'? Discuss features and applications of 'Text Mining' and 'Graph Mining'. 2+4+4
3. What is meant by 'Data Warehouse'? Discuss its architecture. What is OLAP? How does it relate to 'Data Warehouse'? 2+3+3+2
4. Why 'Data Science' is important? What are its components? Discuss its importance. 3+5+2
5. How Bayesian Classification helps in Data Mining process? Discuss with an example. 10
6. What is SVM? How SVM solve linear and nonlinear problems? What are the applications of SVM? 2+4+4