

Master of Library and Information Science (Digital Library) Examination, 2024

3rd Semester(Supplementary)

Knowledge Discovery and Data Mining

MLDL-10

Full Marks: 50

Time: 2 hours

Answer any five questions

1. What is Knowledge discovery? Discuss steps of Knowledge Discovery Process 3+7
with diagram.
2. Explain the term 'information extraction'. How it differs from 'information retrieval'?
How do you extract information using Neural Networks? Discuss with example 2+2+6
3. Explain: "K means clustering". How does the K mean algorithm works? What are the
requirements of k mean clustering in data mining? 3+3+4
4. State your idea on 'Machine Learning' 10
5. What is SVM? How SVM classifies linear and nonlinear problems? What are the
applications of SVM? 3+4+3
6. What is meant by 'Social Media Mining'? Discuss features and applications of 'Text
Mining' and 'Graph Mining' 2+4+4
7. Write short notes on any two of the following:
 - a. Data Warehouse
 - b. Mining Social Networks
 - c. Library Analytics
 - d. Intelligent Decision