

6. What is meant by 'Decision Tree'? Discuss its features and applications. 2+4+4
7. Write short note on *any two* of the following : 5x2
- Data Mining Process
 - Data Mart
 - Bayesian Classification
 - Web Mining

MASTER OF LIBRARY AND INFORMATION SCIENCE
(DIGITAL LIBRARY) EXAMINATION, 2023

(2nd Year, 1st Semester)

KNOWLEDGE DISCOVERY AND DATA MINING

Course : MLDL-10

Time : Two Hours

Full Marks : 50

The Figures in the margin indicate full marks.

Answer any five questions

- What is Data Mining ? What are the techniques of Data Mining ? State the Advantages and Disadvantages of Data Mining? 2+4+4
- 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
- Define 'Data Warehouse'. What are differences between OLTP and OLAP ? Discuss components of 'Data Ware House' with a diagram. 2+3+5
- What is meant by 'Social Media Mining ?' What are its characteristics ? Discuss features of 'Text Mining' and 'Graph Mining'. 2+2+3+3
- Define 'Machine Learning' Discuss 'Supervised Learning' and 'Unsupervised Learning' with examples. 2+4+4