

R17**Code No: 844AD****JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****MCA IV Semester Examinations, March/April - 2022****DATA WAREHOUSING AND DATAMINING****Time: 3 Hours****Max.Marks:75**

Answer any five questions
All questions carry equal marks

- - -

- 1.a) Discuss the major issues in data mining.
b) Differentiate between data warehouse and data mining. [7+8]
- 2.a) Give a brief summary on classification of data mining systems.
b) Write short notes on data mining task primitives. [8+7]
- 3.a) What is data warehouse? Discuss the characteristics of data warehouse.
b) Describe the measures of multidimensional data model. [7+8]
4. Explain in detail types of OLAP servers and various OLAP operations with examples. [15]
- 5.a) Differentiate between Eager learners and Lazy learners.
b) Explain classification by back propagation. [7+8]
- 6.a) Explain about Bayesian classification. Illustrate with an example.
b) Give a brief summary on support vector machines. [9+6]
- 7.a) What is cluster analysis? Explain the various types of data in cluster analysis.
b) Give a brief summary on categorization of major clustering methods. [7+8]
8. Explain the following:
a) Mining time-series data.
b) Spatial data mining [8+7]

---oo0oo---