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
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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]

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