

R17

Code No: 5405AR

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

M. Tech II Semester Examinations, October/November - 2020

DATA WAREHOUSING AND DATA MINING

(Computer Science)

Time: 2 Hours

Max. Marks: 75

**Answer any five questions
All questions carry equal marks**

1. Discuss about various tasks of data mining. [15]
2. Explain how SVMs work for linearly separable data. [15]
3. What is density based clustering? Explain DBSCAN. [15]
4. What is text mining? Explain about unstructured text mining in detail. [15]
- 5.a) What are temporal association rules? Explain.
b) Explain the SPIRIT algorithm. [8+7]
- 6.a) Explain the process of mining multilevel associations in detail.
b) Explain the step by step process of Apriori algorithm. [8+7]
- 7.a) Discuss the rough set approach of classification.
b) Discuss about discriminative frequent pattern-based classification. [8+7]
8. Explain the procedures involved in cluster evaluation. [15]

---0000---