SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech IV Year I Semester Supplementary Examinations February-2022
DATA WAREHOUSING AND DATA MINING
(Computer Science and Engineering)

Time: 3 hours   Max. Marks: 60

(Answer all Five Units **5 x 12 = 60** Marks)

UNIT-I

1		Define Data mining? Explain about data mining on what kind of data?	12M

OR

2	a	Describe about Data discretization?	6M
	b	Write about Dimensionality reduction methods?	6M

UNIT-II

3	a	What are steps in designing the data warehouse? Explain	8M
	b	Compare OLTP and OLAP	4M

OR

4	a	Define Data warehouse? Explain Design principles.	7M
	b	Write in brief about schemas in multidimensional data model	5M

UNIT-III

5		Explain about the Apriori algorithm for finding frequent itemsets with an example	12M

OR

6	a	Write short notes of Multidimensional Association rule	5M
	b	Discuss about the FP Growth Algorithm.	7M

UNIT-IV

7	a	What is Bayes theorem? Explain	6M
	b	Discuss about Naïve Bayesian Classification.	6M

OR

8	a	What is prediction? Explain about Linear regression method	6M
	b	Discuss about Accuracy and Error measures	6M

UNIT-V

9	a	Classify various Clustering methods.	6M
	b	Explain any one Partitioning based clustering methods.	6M

OR

10	a	What is outlier detection? Explain distance based outlier detection.	6M
	b	Write partitioning around mediods algorithm.	6M

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