R16

Reg. No:

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech III Year I Semester Supplementary Examinations August-2021
DATAWARE HOUSING AND DATA MINING
(Computer Science & Information Technology)

Time: 3 hours   Max. Marks: 60

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

UNIT-I

1	a	What is Data reduction? Explain.	7M
	b	Describe about Data discretization.	5M

OR

2	a	Explain Data transformation methods.	6M
	b	Explain Data mining as a step in the process of knowledge discovery.	6M

UNIT-II

3	Write in detail about Attribute Oriented Induction with example.	12M

OR

4	a	Define Data warehouse? Discuss 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 item sets with an example.	12M

OR

6	a	What are the drawbacks of Apriori Algorithm? Explain.	5M
	b	Write the FP Growth Algorithm.	7M

UNIT-IV

7	a	Describe the data classification process with a neat diagram.	6M
	b	What is Bayesian belief network? Explain in detail.	6M

OR

8	Write and explain about Classification by Back propagation Algorithm.	12M

UNIT-V

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

OR

10	a	Explain Density based clustering methods.	6M
	b	Explain Grid based clustering methods.	6M

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