R20

Reg. No:

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech III Year I Semester Regular Examinations March-2023
DATA WAREHOUSING AND DATA MINING
(Common to CSE & CSIT)

Time: 3 hours   Max. Marks: 60

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

UNIT-I

1	a	How to classify data mining systems? Discuss in detail	CO1 L2	6M
	b	Explain about Dimensionality reduction methods.	CO1 L2	6M
		OR		
2		Explain in detail about Data Mining Functionalities with example.	CO1 L2	12M

UNIT-II

3	a	Discuss in brief about Multi-dimensional data model.	CO2 L2	6M
	b	Why have a Separate Data Warehouse?	CO2 L1	6M
		OR		
4	a	Explain the Role of Concept Hierarchies in dimension.	CO2 L2	6M
	b	Classify a Starnet Query Model. How will involve in Multidimensional Databases.	CO2 L2	6M

UNIT-III

5	a	Explain about market basket analysis in Association Mining.	CO3 L2	6M
	b	Explain support, confidence and lift measures with respect to Association Mining.	CO3 L2	6M
		OR		
6	a	What are the Draw backs of Apriori Algorithm?	CO4 L1	6M
	b	Explain about FP Growth Concept in Detail.	CO4 L2	6M

UNIT-IV

7	a	Distinguish between supervised and unsupervised learning.	CO5 L2	6M
	b	What are the Issues regarding Classification and Prediction? Explain.	CO5 L1	6M
		OR		
8	a	Discuss about Rule based Classification method.	CO5 L1	6M
	b	Define Neural Network. Explain the Classification by Back Propagation.	CO5 L1	6M

UNIT-V

9		Explain K-Means and K-Medoids partitioning methods in detail.	CO6 L2	12M
		OR		
10		Influence the importance of Grid-based and Model-Based methods in detail.	CO6 L1	12M

*** END ***

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1.	a. How to classify data mining systems? Discuss in detail.	CO1	L2	6M
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UNIT-II

3.	a. Discuss in brief about Multi-dimensional data model.	CO2	L2	6M
	b. How to Separate Data Warehouse?	CO2	L1	6M

OR

4.	a. Explain the Role of Concept Hierarchies in dimension.	CO2	L2	6M
	b. Classify a Starnet Query Model. How will Involve in Multidimensional Databases.	CO2	L2	6M

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6.	a. What are the Draw backs of Apriori Algorithm?	CO4	L1	6M
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UNIT-V

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OR

10.	Influence the Importance of Grid-based and Model-Based methods in detail.	CO6	L2	12M

*** (2/2) ***