Hall Ticket Number : [ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]

R-17

Code: 7G161

III B.Tech. II Semester Supplementary Examinations May / June 2024

Data Mining & Data Warehousing

(Computer Science and Engineering)

Max. Marks: 70   Time: 3 Hours

Answer *any five full questions* by choosing one question from each unit (5x14 = 70 Marks)

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UNIT–I

1.	a) Elaborate on the major issues in data mining	7M
	b) Discuss about classification of data mining systems	7M

OR

2.	Explain about data reduction and data transformation	14M

UNIT–II

3.	Explain about star, snowflake and fact constellation schemas with neat sketch and examples.	14M

OR

4.	a) Explain in detail how candidate itemsets and frequent itemsets are generated using aprioiri algorithm	10M
	b) What is dataware house? Explain key features of a data warehouse	4M

UNIT–III

5.	a) Explain briefly about Classification by Back propagation with an example.	10M
	b) What is classification and prediction	4M

OR

6.	a) Briefly outline the major ideas of naïve Bayesian classification.	7M
	b) Explain three popular attribute selection measures	7M

UNIT–IV

7.	How does DBSCAN clustering work? Explain with an example	14M

OR

8.	a) What is clustering? Describe Agglomerative Hierarchical method of clustering	8M
	b) Distinguish between K-Means and K-Medoid methods	6M

UNIT–V

9.	Discuss briefly about multimedia data mining. Explain its applications.	14M

OR

10.	a) Discuss datamining for financial data analysis.	7M
	b) Discuss about Mining World Wide Web	7M

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