

Reg. No.:

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G. VENKATASWAMY NAIDU COLLEGE (AUTONOMOUS), KOVILPATTI – 628 502.



UG DEGREE END SEMESTER EXAMINATIONS - APRIL 2025.

(For those admitted in June 2021 and later)

PROGRAMME AND BRANCH: B.Sc., INFORMATION TECHNOLOGY

SEM	CATEGORY	COMPONENT	COURSE CODE	COURSE TITLE
VI	PART- IV	SEC	U21IT6S2	INTRODUCTION TO DATA MINING

Date & Session: 05.05.2025/FN

Time: 2 hours

Maximum: 50 Marks

Bloom's K-level	Q. No.	<p>SECTION – A (5 X 10= 50 Marks) Answer <u>ALL</u> Questions choosing either (a) or (b).</p>
K3	1.	<p>Investigate the concept of association rules in data mining. (OR) Show the Apriori algorithm and its role in association rule mining.</p>
K4	2.	<p>List and explain the key characteristics of OLAP systems. (OR) Summarize process of designing a Data Warehouse.</p>
K5	3.	<p>Describe decision tree and DT rules. (OR) Determine Naïve Bayes methods in classification tasks.</p>
K3	4.	<p>Classify the concept partitional and hierarchical clustering methods. (OR) Demonstrate the types of cluster analysis methods with suitable examples.</p>
K4	5.	<p>Analyse the concept of web content mining. (OR) Investigate the concept of web usage mining and web structure mining.</p>

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