GALGOTIAS UNIVERSITY

ADMISSION NUMBER												

School of Computing Science and Engineering

Bachelor of Science in Computer Science
Semester End Examination - Nov 2023

Duration : 180 Minutes
Max Marks : 100

Sem V - E1UJ501B - Data Warehousing and Data Mining

General Instructions
Answer to the specific question asked
Draw neat, labelled diagrams wherever necessary
Approved data hand books are allowed subject to verification by the Invigilator

1)	Define Types of Data	K1	(2)
2)	Define primary goal of classification in machine learning?	K2	(4)
3)	Explain the importance of Association Rule Mining.	K2	(6)
4)	Examine the Descriptive and Predictive in Data mining.	K3	(9)
5)	Apply the concept of support vector machines to classify the your own data.	K3	(9)
6)	Judge the appropriateness of using decision tree induction for datasets with high dimensionality.	K5	(10)
7)	Analyze how the choice of hyperparameters can impact the performance of a Bayesian classifier.	K4	(12)
8)	Explain the Integration of a Data Mining System with a Data Warehouse	K5	(15)
9)	Investigate the relationship between data mining task primitives and the overall success of a data mining project. How do these task primitives guide the process of extracting valuable patterns from data?	K5	(15)
10)	Design a comprehensive data mining workflow for predicting stock market trends using historical financial data.	K6	(18)