R18

ANURAG Engineering College
(An Autonomous Institution)
III B.Tech II Semester Regular/Supplementary Examinations, June/July-2024
DATA WAREHOUSING AND DATA MINING
(COMPUTER SCIENCE AND ENGINEERING)

Time: 3 Hours   **Max. Marks: 75**

Section – A (Short Answer type questions)   (25 Marks)
Answer All Questions

		Course Outcome	B.T Level	Marks
1.	What are the advantages of data warehousing?	CO1	L1	2M
2.	Write the differences between fact table and dimension table?	CO1	L2	3M
3.	Define Support and Confidence.	CO2	L1	2M
4.	Write short notes on Apriori algorithm?	CO2	L2	3M
5.	What is meant by classification & prediction?	CO3	L1	2M
6.	Elucidate Accuracy and Error measures.	CO3	L2	3M
7.	Make a comparison of complete and partial clusters?	CO4	L2	2M
8.	What is outlier mining?	CO4	L1	3M
9.	List the applications of data mining?	CO5	L1	2M
10.	Write about Graph mining?	CO5	L2	3M

Section B (Essay Questions)
Answer all questions, each question carries equal marks.   **(5 X 10M = 50M)**

			Course Outcome	B.T Level	Marks
11.	A)	Compare and contrast between operational databases and data warehousing?	CO1	L3	10M
		OR			
	B)	Identify and explain multi-dimensional data models?	CO1	L3	10M
12.	A)	Examine the need of data preprocessing techniques with suitable examples.	CO2	L3	10M
		OR			
	B)	Dissect the major issues in data mining.	CO2	L3	10M
13.	A)	Develop an algorithm for decision tree induction.	CO3	L3	10M
		OR			
	B)	Identify and explain various types of regression techniques.	CO3	L3	10M
14.	A)	Analyze the Outlier Analysis with an example.	CO4	L3	10M
		OR			
	B)	Explain the cluster analysis with suitable example.	CO4	L3	10M
15.	A)	Examine various data mining algorithms against intrusions.	CO5	L3	10M
		OR			
	B)	How can we utilize data mining systems in commercial applications.	CO5	L3	10M