1T00161 - M.C.A. (SEM-I) (Choice Based) (Two Year Course) (R 2020-21) / 70623 - Advanced Databased Management System QP CODE: 10033595 DATE: 21/07/2023

			(3 Hours)	Total Marks: 80
N.B	2)	Question No.1 is compu Attempt any THREE fr Figures to the right indic	om the remaining questions.	
Q1.		Write a short note on:		
	(a) (b)	Star and Snowflake so Data preprocessing	chema.	[5] [5]
	(c)	Differentiate between	ORDBMS and OODBMS	[5]
	(d)	Text Retrieval Method	ds 6	[5]
Q2.	(a)	Explain Distributed da	atabase architecture	[10]
	(b)	Explain the KDD prod	cess in detail.	[10]
				30
Q3.	(a)	Differentiate the following, 1. Agglomerative and Divisive clustering 2. OLAP Vs Data Mining		
	(b)		nm to the following data set to find out some and Confidence=60%.	strong association [10]
		Transaction ID	Items	
		100	Dairymilk, Chips, cold drink, Juice	
		200	Dairymilk, Chips, cold drink	SE ^C
		300	Dairymilk, Biscuits, Mayonnaise	
		400	Dairymilk, cold drink, Biscuits	
Q4.	(a)	Explain Data warehouse architecture in detail.		
	(b)	Why clustering is an u	insupervised technique? Explain K-mea	ns algorithm. [10]
Q5.	(a)	Explain the following 1. Web mining 2. Bayesian classificat	76 57 Sec.	[10]
	(b)	Explain the Decision tree used in classification. Explain ID3 algorithm with a suitable example.		
	N. C.			[10]
Q6.	(a) (b)	What is the Abstract I Explain Data reductio	Data type. Explain with suitable example n techniques.	e. [10]
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