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 comp eattempt any THREE for Figures to the right indi	com 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 Metho	ds of spirit	[5]
Q2.	(a)	Explain Distributed d	atabase architecture	[10]
	(b)	Explain the KDD pro-	cess in detail.	(10)
Q3.	(a)	Differentiate the following, 1. Agglomerative and Divisive clustering 2. OLAP Vs Data Mining		
	(b)		hm to the following data set to find out st % and Confidence=60%.	rong association [10]
		29		9
,		Transaction ID	Items	
5		100	Dairymilk, Chips, cold drink, Juice	
		200	Dairymilk, Chips, cold drink	
		300 400	Dairymilk, Biscuits, Mayonnaise	
		400	Dairymilk, cold drink, Biscuits	
Q4.	(a)	Explain Data warehou	use architecture in detail.	[10]
	(b)	Why clustering is an i	unsupervised technique? Explain K-mear	as algorithm. [10]
Q5.	(a) Explain the following,			[10]
		 Web mining Bayesian classifica 	tion	
	(b)	Explain the Decision tree used in classification. Explain ID3 algorithm with a		
		suitable example.		F4.03
				[10]
06	(a)	What is the Abstract Data type Evplain with suitable example		
Qυ.	(a) (b)	What is the Abstract Data type. Explain with suitable example. [10] Explain Data reduction techniques. [10]		
				[10]
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