	Enrollm	ent No:	Exam Seat No:	
			UNIVERSITY	
		Summer E	xamination-2018	
	Subject 1	Name: Database Management Sy	ystem	
	Subject Code: 4TE03DMS1		Branch: B.Tech (CE)	
	Semester	r: 3 Date: 04/04/2018	Time: 02:30 To 05:30	Marks: 70
	(2) I (3) I		•	hibited.
Q-1	a) b) c) d) e) f) g) h) i) k) l) m) n)	Attempt the following question What is Data? Define Foreign Key. What is the primary goal of datable List ACID properties? What is Relational Table? Define Transaction. List DML commands. Define Query Processing. Differentiate DROP and DELET What are Joins? What are DQL commands? What is purpose of PRIMARY k What is Authorization? What are NULL values?	base administrator? 'E command.	(14)
	-	Cour questions from Q-2 to Q-8		(14)
Q-2	<b>a</b> )	Attempt all questions Explain DDL Commands with pr	roper queries.	(14) 07
	<b>b</b> )	Explain relational algebra queries		07
Q-3	a) b)	Attempt all questions Explain View And Conflict Seria Explain Roles of Database Admi	-	(14) 07 07
Q-4		Attempt all questions		(14)
	<b>a</b> )	Draw E-R diagram of Library Ma	· ·	07
	<b>b</b> )	Explain Three Level f Data Abs	traction.	07



**Attempt all questions** Explain Advantages of Database system over file system.

a)

Q-5

**(14)** 

07

	b)	Explain types of generalization.	07
Q-6		Attempt all questions	(14)
	<b>a</b> )	Explain: Entity, Entity Set, Attributes, Weak entity set.	07
	<b>b</b> )	Why there is need for Normalization? Explain via different forms of normalization.	07
Q-7		Attempt all questions	(14)
	a)	Explain All ACID properties in Detail.	07
	c)	Explain Transaction in Database Management System with Example.	07
Q-8		Attempt all questions	
	a)	Explain Three Tier Architecture.	07
	<b>b</b> )	Explain diff. Super-key, candidate-key, primary-key and justify that a candidate key is a super key but super key is not a candidate key	07

