Enrollr	ment	No:	Exam Seat No:	
	ши		UNIVERSITY	
		Summer Exa	amination-2019	
Subject	t Nan	ne: Advanced Database Manager	ment System	
Subject Code: 4TE06ADM1 Semester: 6 Date: 25/04/2019		le: 4TE06ADM1	Branch: B.Tech (IT)	
		Date: 25/04/2019	Time: 10:30 To 01:30	Marks: 70
(2) (3)	Use Instr Drav	of Programmable calculator & an ructions written on main answer b w neat diagrams and figures (if ne time suitable data if needed.	ook are strictly to be obeyed.	orohibited.
Q-1 A	Attem	upt the following questions:		(14)
C	a)	What is candidate key?		(= -)
	b)	What is Dual Table?		
	c)	Explain Union all operator.		
	d)	What is functional dependency?		
	e)	What is the difference between 1		
	f)	Explain Check constraints.		
	g)	What is view?		
	h)	How floor() function is used?		
	i)	How substring() function is used	1?	
	j)	List down various types of query		
	k)	How Between operator is used?	· -	
	1)	What is query tree?		
	m)	What do you mean by consisten	cy in database?	
	n)	How does rtrim() function work	?	
	Atter	npt any four questions from Q-2	2 to Q-8	
Q-2		Attempt all questions		(14)
	(a)	Discuss about various difference	es of DBMS and RDBMS.	(7)
	(b)	What is join? Explain join with	its types and suitable example.	(7)
Q-3		Attempt all questions		(14)
	(a)	Explain Query optimization pro-	cess.	(7)



Explain Security as Database Design Issue.

(b)

(7)

Q-4		Attempt all questions	(14)
	(a)	Explain various types of records with example.	(7)
	(b)	Explain Database tuning.	(7)
Q-5		Attempt all questions	(14)
	(a)	Explain DML commands with syntax and examples.	(7)
	(b)	Explain like, limit, max, as, avg, min and round commands with suitable example.	(7)
Q-6		Attempt all questions	(14)
	(a)	Explain functions in PL/SQL with example.	(7)
	(b)	What is trigger? Explain it in detail with example	(7)
Q-7		Attempt all questions	(14)
	(a)	Attempt following questions	(7)
		1) Explain Web database.	
		2) Give the differences between Structured data and Unstructured data	
	(b)	Create PL/SQL procedure to perform various arithmetic operations.	(7)
Q-8		Attempt all questions	(14)
	(a)	Design PL/SQL Function that computes and returns the factorial of a	(7)
	(1.)	given number.	
	(b)	Design PL/SQL Function that computes and returns the maximum from given two values.	(7)

