Seat No.:	Enrolment No
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		GUJARAT TECHNOLOGICAL UNIVERSITY	
		ME – SEMESTER – II (New)– EXAMINATION – WINTER-2019	
Subj	ect	Code: 3722321 Date: 21-11-	-2019
Subj	ect]	Name: Distributed Databases	
Time	e: 02	:30 PM TO 05:00 PM Total Mark	ks: 70
Instru	iction	ns:	
		Attempt all questions.	
		Make suitable assumptions wherever necessary.	
	3.	Figures to the right indicate full marks.	MARKS
0.1	()		-
Q.1	(a)		04
		(2)Distributed Database System (3) Location Transparency (4) Data Independence	
	(b)		03
	(c)	· · · · · ·	07
	(C)	India.	07
Q.2	(a)		07
Q. <u>-</u>	(b)		07
	(~)	context of vertical fragmentation with example.	-
		OR	
	(b)	· · ·	07
		any place by all account holder, discuss which transaction properties	
		are to be consider and why?	
0.2	(a)	Evaloin simple predict, min term predict and COM, MIN elegation in	07
Q.3	(a)	Explain simple predict, min term predict and COM_MIN algorithm in context of horizontal fragmentation.	U/
	(b)		07
	(~)	with example.	-
		OR	
Q.3	(a)	, i	07
	(b)	Explain layers of query processing.	07
0.4	(.)		07
Q.4	(a)		07 07
	(b)	OR	U/
Q.4	(a)		07
Ψ.	(b)	-	07
		demerits.	

Q.5 (a) Explain centralized semantic integrity control with example.

(b) With an example explain workflow during transaction.

Q.5 (a) Explain "relaxed" concurrency control.
(b) Differentiate 1) Data warehousing Vs Distributed Database
2) Distributed Processing Vs Cooperative Processing