## **GUJARAT TECHNOLOGICAL UNIVERSITY** ME - SEMESTER- IV • EXAMINATION – SUMMER 2015

Subject Code: 740101 Date: 01/05/2015   Subject Nemet Did it at Did to Subject Nemet Did it at Did to Subject Nemet Did it at Did to Subject Nemet Nemet Did it at Did to Subject Nemet Nemet Did to Subject Nemet Nem			
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Q.1	(a) (b)	Using example List and difference between static QOA Dynamic QOA Explain in detail Distributed DBMS Architecture.	07 07
Q.2	(a) (b)	Discuss in detail about Semantic Integrity control Explain merits and demerits of centralized query optimization ? OR	07 07
	(b)	Explain merits and demerits of Distributed Query Optimization algorithms	07
Q.3	(a) (b)	Explain design and implementation issues of mobile databases State Optimistic Concurrency control Algorithms OR	07 07
Q.3	(a) (b)	List and explain important factors to be consider in Interoperability in Transaction Management. State Time Stamp-Based Concurrency control Algorithms	07 07
Q.4	(a) (b)	State distributed query optimization algorithms. Also list disadvantage of it. Using example explain Fragmentation OR	07 07
Q.4	(a) (b)	Which Architectural issues to be addressed in Object Query Processing Explain Parallel Architectures of DBMS	07 07
Q.5	(a) (b)	Using example explain site failures in DDBMS Using example list and explain Parallel Execution problems OR	07 07
Q.5	(a) (b)	Explain characteristics of Localization of Distributed Data List and explain Important characteristics of Push-based Technologies	07 07

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