Seat No.:	Enrolment No
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GUJARAT TECHNOLOGICAL UNIVERSITY

ME - SEMESTER-II EXAMINATION - SUMMER 2015

Subject Code: 2721303 Date: 30/05/20 Subject Name: Regional and Mass Transportation System Planning													
Tin	•	2:30 PM to					•	Total Ma	_				
		Attempt all q Figures to the Make suitable	e right ind			sary							
Q.1	(a) Explain objectives, scope, goals and constraints of Regional Translation.												
	(b)									07			
Q.2	(a)	Forecast the using Arithme Year	etical Incr 1951	ease metl	nod and Ir 1971	ncrementa 1981	l Increase 1991	method.	2011	07			
	(b)	Population Explain in det	55,720	63,940	72,590	83,250	93,880	1,01,810	1,08,450	07			
	(b)	Explain in detail Lucknow Road Plan of India. OR							07				
	(b)	Discuss Central place theory and Growth pole theory of regional transportation Planning.								07			
Q.3	(a) (b)	•								07 07			
Q.3	(a) (b)	1								07 07			
Q.4	(a) (b)									07 07			
Q.4	(a) (b)	Explain the importance of Link Efficiency in Rural road network planning. Discuss the regional freight transportation: issues and demand assessment.								07 07			
Q.5	(a) (b)	Describe the methodology and surveys required for urban goods movement. Explain OSI and TRAIL Layer model for urban goods movement. OR											
Q.5	(a) (b)	Explain the procedure involved in Urban Mass Transit Route Network design. Explain the procedure involved in Urban Mass Transit schedule development. 0											
