Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

ME - SEMESTER-II(Old course)• EXAMINATION (Remedial) – WINTER- 2015

Subject Code: 1721307 Date: 14/12/2015

Subject Name: Economics and Evaluation Transportation Projects

Time: 2:30 pm to 5:00 pm Total Marks: 70

Instructions:

1. Attempt all questions.

2. Make suitable assumptions wherever necessary.

3. Figures to the right indicate full marks.

	Q.1	(a)	Define :-		ent worth, Discount Rat		ate of Return, Interest, GNP,	07	
		(b)	Different	iate be	etween Econor	nic Analysi	s and Financial Analysis.	07	
	Q.2	(a)	What are	What are the factors affecting Road User Cost? Explain briefly.					
	·-	(b)					ic Evaluation? Explain	07 07	
						OR			
		(b)	Enlist the	e meth	ods of Econor	nic Evaluat	ion. Explain any two in detail	. 07	
-		(-)							
	Q.3	(a)					, State Govt and Local bodies		
		(b)	Explain -	- Cons	sumer Surplus	and Latent	Demand	07	
						OR			
•						OK			
	Q.3	(a)	Calculate	the ir	nternal rate of	return from	the following data	07	
					Year	Cash flow	N .		
					0	-1,00,000			
					1	30,000			
					2	30,000			
					3	40,000			
					4	45,000			
		(b)	Write a s	hort n		& Subsidies	in Transportation Projects"	07	
	0.4	(b) (a)			ote on "Fares	& Subsidies	in Transportation Projects"		
	Q.4	` '	Explain t	he foll	ote on "Fares of	& Subsidies	in Transportation Projects"	07 07	
	Q.4	` '	Explain t	he foll	ote on "Fares	& Subsidies	in Transportation Projects"		
	Q.4	(a)	Explain t (i) E (ii) So	he foll lastic	ote on "Fares of lowing ity of supply vity Analysis			07	
	Q.4	` '	Explain t (i) E (ii) So Calculate	he followed the following the	ote on "Fares of lowing ity of supply vity Analysis werage annual		in Transportation Projects" e by using the following data	07	
	Q.4	(a)	Explain t (i) E (ii) So	he followed the following the automotive the automotive the following th	ote on "Fares of lowing ity of supply vity Analysis overage annual a GDP.	growth rat	e by using the following data	07	
	Q.4	(a)	Explain t (i) E (ii) So Calculate	Elastici Elastici ensitiv the a r wise Sr.	ote on "Fares of lowing ity of supply vity Analysis werage annual	growth rat	e by using the following data	07	
	Q.4	(a)	Explain t (i) E (ii) So Calculate	the aur wise Sr. No.	lowing ity of supply vity Analysis everage annual e GDP. Yea	growth rat	e by using the following data Domestic Product in Tonnes	07	
	Q.4	(a)	Explain t (i) E (ii) So Calculate	the following the arr wise Sr. No.	lowing ity of supply vity Analysis e GDP. Yea 2005-2	growth rat	e by using the following data Domestic Product in Tonnes 45000	07	
	Q.4	(a)	Explain t (i) E (ii) So Calculate	the following the arrangement of	lowing ity of supply vity Analysis e GDP. Yea 2005-2 2006-2	growth rat	Domestic Product in Tonnes 45000 44060	07	
	Q.4	(a)	Explain t (i) E (ii) So Calculate	the following the authorities the authorities of th	lowing ity of supply vity Analysis e GDP. Yea 2005-2 2006-2 2007-2	growth rat r 0006 007 008	Domestic Product in Tonnes 45000 44060 48000	07	
	Q.4	(a)	Explain t (i) E (ii) So Calculate	the following the arrangement wise Sr. No. 1 2 3 4	lowing ity of supply vity Analysis e GDP. Yea 2005-2 2006-2 2007-2 2008-2	growth rat r 0006 007 008 009	Domestic Product in Tonnes 45000 44060 48000 52000	07	
	Q.4	(a)	Explain t (i) E (ii) So Calculate	the following the authorities the authorities of th	lowing ity of supply vity Analysis e GDP. Yea 2005-2 2006-2 2007-2	growth rat r 0006 0007 0008 009 010	Domestic Product in Tonnes 45000 44060 48000	07	

		OR		
	Q.4	(a) Explain:- BOT, BOOT, BOO, BOOS, BTO	07	
		(b) What is National income? How it is calculated?	07	
Q.5	(a) What are the benefits of reducing of Vehicle Operating Cost?	07		
		(b) Explain: - Shadow Tolling, Road Pricing	07	
		OR		
	Q.5	(a) Differentiate between Public Finance and Private Finance	07	
	(b) Write a short note on "Demand and Utility"	07		