Sea	at No.:	Enrolment No		
		GUJARAT TECHNOLOGICAL UNIVERSITY M. E SEMESTER – II • EXAMINATION – SUMMER • 2014		
Su	bject	code: 1721907 Date: 25-06-2014		
Su	bject	Name: Road Safety		
Ti	me: 0	2:30 pm - 05:00 pm Total Marks: 70		
In	struc	etions:		
		Attempt all questions.		
		Make suitable assumptions wherever necessary.		
	3.	Figures to the right indicate full marks.		
Q.1	(a)	Define accident. Discuss steps involved in traffic accident analysis study.	07	
	<b>(b)</b>	Discuss about different types of driving licenses issued by R.T.O.	<b>07</b>	
Q.2	(a)	State and explain the road trip tips for cyclists.	07	
	<b>(b)</b>	Discuss about 4 Ex of road safety.	<b>07</b>	
	(L)	OR	07	
	<b>(b)</b>	Explain need and procedure of driver testing and training.	07	
Q.3	(a)	What are the road safety policies in India?	07	
	<b>(b)</b>	Write about injury management of road accident.  OR	07	
Q.3	(a)	Explain method of road accident cost estimation.	07	
2.0	(b)	Write about report preparation for road safety audit.	07	
Q.4	(a)	What are the objectives of road safety audit? Write qualification of road safety	07	
<b>~··</b>	()	auditor.	0,	
	<b>(b)</b>	Write about road markings with types, standards and sketch.	<b>07</b>	
		OR	۰.	
<b>Q.4</b>	(a)	Write standards and specifications for traffic signs as safety device.  What are the measures for road safety management?	07 07	
	<b>(b)</b>	· · · ·		
Q.5	(a)	Write road accident scenario observed worldwide.	07	
	<b>(b)</b>	Explain biomechanics study for accident analysis.  OR	07	
Q.5	(a)	Explain method of conducting road safety audit before construction, during	07	
	( )	construction and after construction of highway project.	•	
	<b>(b)</b>	What are the types of accident observed on roadways? What is the role of	<b>07</b>	
		wearing helmet, seat belt and use of airbag in safety?		

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