Seat No Elifolitett No.	Seat No.:	Enrolment No.
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GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VI • EXAMINATION - SUMMER 2013

Subject Code: 160205		ode: 160205 Date: 30-05-2013	Date: 30-05-2013	
Time	e: 10.3 actions:)	
	2. N	Attempt all questions. Make suitable assumptions wherever necessary. Sigures to the right indicate full marks.		
Q.1	(a) (b)	List down various types of car bodies and explain them in brief. Describe dashboard of vehicle in detail	07 07	
Q.2	(a) (b)	Define Drag and describe various types of vehicle drags Write a note on car crash test	07 07	
	(b)	OR Explain frame construction of buses	07	
Q.3	(a) (b)	Explain various types of bus bodies Explain types of window glasses for vehicles with sketch OR	07 07	
Q.3	(a) (b)	Explain types of commercial vehicle bodies Explain driver seat in commercial vehicle	07 07	
Q.4	(a) (b)	Explain Symmetric, asymmetric and longitudinal loads in cars Explain doors of cars in details OR	07 07	
Q.4 Q.4	(a) (b)	Briefly describe painting process for vehicles in details List down various materials used in automobile construction and explain any two of them	07 07	
Q.5	(a) (b)	Describe wind tunnel testing of a scaled model of a car Explain various water leakage tests for vehicle OR	07 07	
Q.5	(a) (b)	Explain design of drivers cabin for commercial vehicles (i) Draw various layouts of buses based on entry and exit locations (ii) Name few car body trim items	07 07	
