		Enrolment No GUJARAT TECHNOLOGICAL UNIVE	nent No	
Subject Name: Automotive Chassis and Body Engineering Time: 10:30 am – 13:00 pm Instructions: 1. Attempt all questions.			- 2012 Date: 10/07/2012 Total Marks: 70	
		ke suitable assumptions wherever necessary. ares to the right indicate full marks.		
Q.1	(a) (b)	Explain typical car body construction with neat sketch. Explain the following: (i) dash board (ii) boot	07 07	
Q.2	(a) (b)	1 0	ketch. 07 07	
	(b)	Explain design of automobile body for safety.	07	
Q.3	(a) (b)	1 71	07 07	
Q.3	(a) (b)		07 07	
Q.4	(a) (b)	Write short note on vehicle body materials. Explain the general requirements of automobile body. OR	07 07	
Q.4	(a) (b)	Write short note on testing of body. Explain load distribution on vehicle structure.	07 07	
Q.5	(a) (b)	Explain constructional details of roof. Explain rules and regulations for automobile body. OR	07 07	

(a) Explain shear panel method for vehicle body design.(b) Write short note on vehicle drag.

Q.5

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