GUJARAT TECHNOLOGICAL UNIVERSITY BE – SEMESTER V • EXAMINATION – WINTER - 2012Subject code: 150204Date: 23-01-2013Subject Name: Automobile Maintenance and Repair PracticeTime: 02:30 pm to 05:00 pmTotal Marks: 70Instructions:1. Attempt all questions.2. Make suitable assumptions wherever necessary.3. Figures to the right indicate full marks.			
Q.1		Discuss the reasons for Low fuel average and poor pick up of vehicle. Define maintenance. Explain Break down, Preventive and Predictive maintenance practices.	07 07
Q.2	(a) (b)	Explain the instruments used for measuring fuel consumption and speed. Write down short note on radiator and water pump maintenance.	07 07
	(b)	Explain the need and methods of chassis greasing.	07
Q.3	(a)	Explain maintenance and repairs practices for Coolant leakage and overheating.	07
	(b)	Repair and maintenance of Propeller shaft "U" joints. OR	07
Q.3	(a)	Short note i) Wheel alignment ii) Wheel balancing	07
	(b)	Explain Cylinder honing and Cylinder boring process/	07
Q.4	(a) (b)	Discuss about machines used for servicing and lubrication in service station. Draw and Explain Service Station layout. OR	07 07
Q.4		Classify and explain tools and equipments used in workshop. Enlist the job position in a service station? Explain their duties.	07 07
Q.5	(a) (b)	What is job card? Prepare a job card for two wheeler motor cycle. Write a short note on manufacturer's service coupon book. OR	07 07
Q.5	(a)	What is the necessity of history sheet? Prepare history sheet for passenger	07
	(b)	car. Discuss in brief about vehicle warranty policy.	07
