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GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VI • EXAMINATION - WINTER • 2014

U		Code: 160204 Date: 05-12-2014	
Subject Name: Vehicle Maintenance and Garage Practice Time: 02:30 pm - 05:00 pm Total Marks: 70 Instructions: 1. Attempt all questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks.			
Histi u	1. 2.	Attempt all questions. Make suitable assumptions wherever necessary.	
Q.1	(a) (b)	What is meant by maintenance? Explain different types of maintenance in detail. Differentiate between garage and service station with suitable examples.	07 07
Q.2	(a)	List down different servicing tools and equipments used in automobile garage. Explain any two in detail with suitable sketches.	07
	(b)	Explain cylinder boring and honing process.	07
	(1.)	OR	0.
	(b)	Explain basic steps of servicing.	07
Q.3	(a)	Explain bleeding of hydraulic brakes in detail.	07
Q.C	(b)	Explain overhauling process of cylinder head.	07
	(,,,	OR	
Q.3	(a)	Explain wheel alignment and wheel balancing with necessary sketches.	07
	(b)	Explain overhauling process of wheel cylinder.	07
Q.4	(a)	Describe diagnosis process for starting trouble in petrol engine.	07
	(b)	Explain maintenance process of propeller shaft.	07
		OR	
Q.4	(a)	Describe diagnosis process for starting trouble in diesel engine.	07
	(b)	Discuss probable causes and remedies of engine misfiring, and clutch slipping.	07
0.5	(0)	Discuss workshop do competations and its records in detail	05
Q.5	(a)	Discuss workshop documentations and its records in detail.	07 07
	(b)	Prepare a sample job card used in automobile workshop. OR	U
0.5	(a)	Explain overhauling process of gear box.	07
Q.5	(a) (b)	Explain overhauling process of gear box. Explain wear measuring and speed measuring instruments with suitable diagrams.	07
	(0)	Explain wear measuring and speed measuring instruments with suitable diagrams.	07
