Seat No.:	Enrolment No
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## GUJARAT TECHNOLOGICAL UNIVERSITY BE – SEMESTER-VI • EXAMINATION – SUMMER- 2015

Subject code: 160204 Date: 14/05/2015

**Subject Name: Vehicle Maintenance and Garage Practice** 

Time: 10.30am-01.00pm Total Marks: 70

## **Instructions:**

- 1. Attempt all questions.
- 2. Make suitable assumptions wherever necessary.
- 3. Figures to the right indicate full marks.

Q.1	(a)	What is maintenance? Explain in brief maintenance schedules of your car?	07
	<b>(b)</b>	Differentiate between preventive and predictive maintenance?	07
Q.2	(a)	Describe bleeding of clutch?	07
	<b>(b)</b>	Describe maintenance and overhauling of cylinder heads and valves?  OR	07
	<b>(b)</b>	Explain in detail procedure for measurement of vibration?	07
Q.3	(a)	Discuss in detail Diagnosis low fuel average complaint?	07
	<b>(b)</b>	Give important of wheel alignment? Define caster and king pin angle?  OR	07
Q.3	(a)	Discuss maintenance and overhauling of cooling system?	07
	<b>(b)</b>	Discuss in detail Diagnosis for low engine oil pressure complaint?	07
Q.4	(a)	Discuss workshop documentation in detail?	07
	<b>(b)</b>	Discuss Repair & maintenance of Propeller shaft "U" joints and Centre bearing?  OR	07
Q.4	(a)	What is workshop manual discuss in detail?	07
	<b>(b)</b>	Give important of Garage measuring instruments calibration and testing?	07
Q.5	(a)	What is job card? Prepare sample job card for bike having regular service, problem of low average and noise from rear wheel drum?	07
	<b>(b)</b>	Differentiate warranty and guarantee? Discuss full insurance and third party insurance policy?	07
		OR	
Q.5	(a)	Draw and discuss latest lay out for ST bus work shop?	<b>07</b>
	<b>(b)</b>	Give detail Maintenance & repair of electrical and ignition system?	07

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