

Seat No.: \_\_\_\_\_

Enrolment No. \_\_\_\_\_

# GUJARAT TECHNOLOGICAL UNIVERSITY

B.E. Sem-V<sup>th</sup> Examination December 2010

**Subject code: 150204**

**Subject Name: Automobile Maintenance and Repair Practice**

**Date: 21 /12 /2010**

**Time: 03.00 pm - 05.30 pm**

**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) Explain break down maintenance and Preventive maintenance. **07**  
(b) Explain Wear measuring Instrument and Speed measuring Instrument. **07**
- Q.2** (a) Explain Different types of maintenance schedules. **07**  
(b) What is the job position in a service station? And Explain their duties. **07**
- OR**
- (b) Explain Classification of Tools and Equipments for workshop. **07**
- Q.3** (a) Explain Cylinder boring and Cylinder honing process. **07**  
(b) Explain Diesel fuel injector testing process. **07**
- OR**
- Q.3** (a) Explain inspection, servicing and repairs of valve system. **07**  
(b) Explain cleaning of the cooling system. **07**
- Q.4** (a) Explain different troubles occurred in Differential. **07**  
(b) Explain causes for Engine overheating. **07**
- OR**
- Q.4** (a) Explain Wheel alignment Process and Tire rotation. **07**  
Explain Clutch troubles and their causes. **07**
- Q.5** (a) Explain different types of lifting jacks. **07**  
(b) Explain job card and warranty policy for workshop management. **07**
- OR**
- Q.5** (a) Explain Chassis greasing and Bleeding of brake. **07**  
(b) Explain workshop layout. **07**

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