

GUJARAT TECHNOLOGICAL UNIVERSITY
BE SEM-V Examination-Nov/Dec.-2011

Subject code: 150204**Date: 03/12/2011****Subject Name: Automobile Maintenance and Repair practice****Time: 2.30 pm -5.00 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) List types of automobile maintenance and explain any one of them. **07**
(b) Explain measurement of automotive vibration. **07**
- Q.2** (a) Explain fuel injector's calibration. **07**
(b) Explain maintenance and repair of electrical and ignition system. **07**
- OR**
- (b) Explain water pump and radiator maintenance. **07**
- Q.3** (a) Explain procedure for wheel alignment. **07**
(b) Explain caused for engine overheating. **07**
- OR**
- Q.3** (a) Explain classification of tools and equipments for workshop. **07**
(b) Explain repair of clutch parts. **07**
- Q.4** (a) Explain bleeding of brakes. **07**
(b) Write short note on breakdown maintenance. **07**
- OR**
- Q.4** (a) Explain workshop layout. **07**
(b) Explain method of wheel balancing. **07**
- Q.5** (a) Explain process of rethreading of tyres. **07**
(b) Explain job card and warranty policy for workshop management. **07**
- OR**
- Q.5** (a) Explain tuning and setting of MPFI engines. **07**
(b) Explain differential maintenance and back lash adjustment. **07**
