

GUJARAT TECHNOLOGICAL UNIVERSITY
BE – SEMESTER – VI (OLD).EXAMINATION – WINTER 2016

Subject Code: 160204**Date: 26/10/2016****Subject Name: Vehicle Maintenance and Garage Practice****Time: 10:30 AM to 01:00 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) Draw a layout of 4 wheeler workshop. **07**
(b) Explain the types of maintenance schedule. **07**
- Q.2** (a) List various measuring instrument and explain any one. **07**
(b) Explain valve seat lapping procedure. **07**
- OR**
- (b) Explain setting of clutch free pedal play. **07**
- Q.3** (a) Explain wheel balancing procedure. **07**
(b) Explain wheel alignment procedure **07**
- OR**
- Q.3** (a) Explain fuel injection pump timing procedure **07**
(b) Explain the organization structure of a workshop **07**
- Q.4** (a) How to check fuel average procedure for a vehicle. **07**
(b) Explain any one instrument for vibration measurement. **07**
- OR**
- Q.4** (a) Explain any one instrument for noise measurement. **07**
(b) Explain cleaning of radiator cooling system. **07**
- Q.5** (a) Explain the short procedure of engine overhauling. **07**
(b) Write the effect of low tyre inflation pressure during long run of vehicles. **07**
- OR**
- Q.5** (a) Draw a job card for 4 wheeler workshop. **07**
(b) Explain brake bleeding procedure. **07**
