GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-V- EXAMINATION - SUMMER 2016

Subject Code: 150204 Date: 17/05/2016 Subject Name: Automobile Maintenance and Repair Practice (Institute **Elective - II)** Time: 02:30 PM to 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. **Q.1** Explain how carburetor is tune up. 07 (a) Write down a short note on History sheet for automobile. **07 (b) Q.2** (a) List out documents and records maintain in workshop practices. Explain job card in 07 **(b)** Explain wheel alignment process. **07** OR Explain wheel balancing process. **07 (b)** 0.3 Explain automobile brake adjustment technique. **07** (a) Explain maintenance and repair technique of propeller shaft. **07 (b)** OR 0.3 What do you mean by adjustment of clutch pedal free play? Briefly explain. (a) 07 Explain process of chassis greasing. **(b) 07 Q.4** (a) What do you understand by cylinder boring process? Explain it with sketch. **07** Explain preventive maintenance technique for a two wheeler automobile. **07 (b)** OR Explain predictive maintenance technique for a four wheeler automobile. 0.4 **07** (a) Which instruments are used for measurement of engine noise? Explain any one. **(b) 07 Q.5** (a) Explain work shop layout and depot. **07** Explain the activities of workshop management. **(b) 07** OR **Q.5** Explain methods for maintenance of suspension system **07** (a) Which equipments are commonly used in garage? Explain any three. **(b) 07**
