

GUJARAT TECHNOLOGICAL UNIVERSITY**B. E. Sem. - V - Examination – June- 2011****Subject code: 150204****Subject Name: Automobile Maintenance & Repair Practice****Date: 30/06/2011****Time: 10:30 am – 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) Name different maintenance practices followed in Industries & explain them in detail. **07**

(b) What is job card? Draw & Explain merits of it. **07**

Q.2 (a) Explain in detail cylinder bore refinishing methods. **07**

(b) Explain points which can be taken in to consideration for layout of garages & Service station. **07**

OR

(b) Explain procedure for adjustment of following: **07**
a. Camber & Caster
b. Toe in & Toe out

Q.3 (a) Explain Tire rotation in detail. **07**

(b) Describe in detail - Tire Resoling method. **07**

OR

Q.3 (a) Write short note on Carburetor tuning method. **07**

(b) Which tool is used to repair valve? Explain in detail valve lapping method. **07**

Q.4 (a) What is break bleeding? Explain in detail about hydraulic brake bleeding process. **07**

(b) What is clutch pedal free play? Explain adjustment of clutch pedal free play. **07**

OR

Q.4 (a) Draw & Explain a best layout for a Service Station **07**

(b) Name and explain tool used to measure cylinder head surface finish. Also explain cylinder head refacing. **07**

Q.5 (a) What is wheel Alignment? Explain in detail wheel alignment methods **07**

(b) Which instrument can be used to measure cylinder bore? Explain in detail bore measurement method **07**

OR

Q.5 (a) Explain radiator maintenance and procedure. **07**

(b) Short questions: **07**
1. What are the four basic steps in the automotive service procedure?
2. What is Garage?
3. Name basic wheel alignment factors.
