

Printed Pages : 3



EAU801

(Following Paper ID and Roll No. to be filled in your Answer Book)

PAPER ID : 147801

Roll No.

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B. Tech.

(SEM. VIII) THEORY EXAMINATION, 2014-15

TROUBLE SHOOTING SERVICING AND**MAINTENANCE OF AUTOMOBILE**

Time : 3 Hours]

[Total Marks : 100

1 Attempts any four Questions : **5x4=20**

- (a) Differentiate between Troubleshooting and Servicing.
- (b) Explain the situations where Condition Monitoring is more suitable.
- (c) What are the requirements of an ideal Garage sight?
- (d) What are the different types of Maintenance cost?
- (e) Explain the importance of Work Charge Procedure.
- (f) How Emergency Maintenance is different then general Maintenance Strategies?

2 Attempts any two Questions : **10x2=20**

- (a) "Engine tuning is life extending activity". Justify the statement with suitable example.
- (b) What is the need of Antifreeze Solution in engine cooling? How does Thermostat work?
- (c) What do you mean by the term cleaning? Also explain various techniques of Cleaning and Inspection.

3 Attempts any two Questions : **10x2=20**

- (a) What do you understand by the term "Air Bleeding"? Explain its procedure with neat sketch.
- (b) Write various objectives of transmission. Also discuss various troubles and their maintenance associated with the transmission.
- (c) Why Tyre Rotation is required in automobile? Show all possible arrangement of Tyre Rotation with neat sketch.

4 Attempts any two Questions : **10x2=20**

- (a) What is the need to do regular Electrical Maintenance of a vehicle? What are the various troubles of storage battery used in a vehicle?
- (b) Explain the importance of ignition system used in automobile. Also discuss the procedure of Head Light Focusing.
- (c) What do you understand by the term "Trickle Charging"? Also explain about wire harness.

5 Attempts any two Questions : **10x2=20**

- (a) What is vehicle painting? What are the essential requirements of painting? Also discuss the process of painting.
 - (b) What do you mean by corrosion? Enlist different types of corrosion. Also explain various methods of anticorrosion treatment.
 - (c) Suggest various steps for Regular Body Maintenance. Also discuss the construction and working of window winding mechanism with the help of a neat sketch.
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