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Time : 2 Hours

**AUTO SERVICING & GARAGE MANAGEMENT**

Subject Code

V	3	7	1
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Total No. of Questions : 5

(Printed Pages : 3)

Maximum Marks : 50

- INSTRUCTIONS :**
- (i) All questions are compulsory.
  - (ii) Answer each questions on a fresh page.
  - (iii) Write the numbers of question and sub-question clearly.
  - (iv) Figures to the right indicate full marks.

1. (A) Answer the following questions :
  - (1) State which gauge is used to check the level of oil in an Engine.1
  - (2) Mention any four causes and remedies for the Trouble "Engine does not pick up speed." 2
  - (3) State any *two* causes and remedies of each trouble in Gear box :
    - (a) Gear clash during shifting. 1
    - (b) Leakage of gear oil. 1
  - (4) How will you check and Inspect the shock absorber, off the vehicle. 2
- (B) List out any six points on maintenance of 'Cooling system'. 3
2. (A) Answer the following questions :
  - (1) What is the function of Thermo Switch ? 1
  - (2) How will you check an Injector of a diesel engine by "Leak off test" ? 2
  - (3) What are the Responsibilities of a "Store Keeper" ? 2
  - (4) How will you inspect the front axle beam for Distortion and twist ? 2

- (B) State any six causes and remedies for the trouble “Burnt Valve.” 3
3. (A) Answer the following questions :
- (1) Mention two causes and remedies for the trouble “Spongy Brake.” 1
- (2) Mention the points to check and inspect the clutch plate of a diaphragm type of clutch ? 2
- (3) What formalities are required to avail the Learning License ? 2
- (4) State any *four* objectives of inventory control. 2
- (B) Write the procedure to conduct the fuel consumption test of a two wheeler on Road. 3
4. (A) Answer the following questions :
- (1) What is meant by “Fading of Brake” ? 1
- (2) How will you check and adjust the back lash between crown wheel and pinion gear by “Dial Gauge’ method ? 2
- (3) Write the procedure to check chassis frame alignment by plumb line method ? 2
- (4) What is the purpose of “Auto Insurance” ? 2
- (B) Write the procedure to carry out centre mid position adjustment of a steering gear box ? 3
5. (A) Answer the following questions :
- (1) State which instrument is used to measure the thickness of “Disc Brake”. 1

- (2) What will happen if propeller shaft is bent ? How it is Rectified ? 2
- (3) How the efficiency of employer based factors can be increased ? 2
- (4) Write the procedure to do servicing of “Oil Cooler”. 2
- (B) Write the procedure to do replacement of diesel fuel filters. 3



