

### SECTION-B

**Note:** Short answer type questions. Attempt any six questions out of Eight questions. (6x5=30)

- Q.11 State the requirements of bodies for various types of vehicles.
- Q.12 Write in brief about Center point steering and positive steering.
- Q.13 Explain the operation of telescopic type of shock absorber.
- Q.14 What is stub axle ? Write their types. Explain any one .
- Q.15 Explain in detail about front Axle with neat diagram
- Q.16 Discuss clearly how the pneumatic braking system works.
- Q.17 What is mean by emission norms ? What are the types of pollutants?
- Q.18 What is Evaporative Emission Control system ? How it works.

### SECTION-C

**Note:** Long answer type questions. Attempt any one questions out of two questions. (10x1=10)

- Q.19 Explain with the help of a neat layout about Ackerman steering gear Mechanism
- Q.20 Explain Hydraulic brake with a neat sketch and write its advantages.

No. of Printed Pages : 2

Roll No. ....

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DVOC ( Level 5 )

Sem 1st / Auto. Servicing, AMT

Subject : Motor Vehicle Technology - II

Time : 2 Hrs.

M.M. : 50

### SECTION-A

**Note:** Very short answer type questions . Attempt all ten question (10x1=10)

- Q.1 Types of bodies
- Q.2 Turning radius
- Q.3 Torsion bar
- Q.4 Transverse springs
- Q.5 Stub axle
- Q.6 Castor angle
- Q.7 Tandem master cylinder
- Q.8 Brake lining
- Q.9 Four stroke engines
- Q.10 Air Injection

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