

**Total No. of Pages : 02**

Paper ID : [A2132]

**Max. Marks : 60**

**SECTION-B**

2. Describe various loads on frame and discuss briefly function of shock absorber.
3. Discuss working of full pressure lubrication system with neat sketch.
4. Explain the principle of automatic transmission.
5. Discuss working of vacuum brakes with neat sketch.
6. Enlist the different Starting motor drives in automobiles. Describe with neat sketch the most widely used drive for diesel engines.

**SECTION-C**

7. Write the Preventive maintenance, troubleshooting and rectification of lubrication and braking system.
8. Describe the battery system use in automobiles with the help of neat sketch.
9. Explain the working of one Power steering system of an automobile; also differentiate between radial ply and cross ply tyre.