

Subject - Automobile Engg.

Possible 8 mark question

- ① - Explain the working of a telescopic shock absorber.
- ② - Explain hydraulic braking system with neat sketch.
- ③ - Explain about differential & propeller shaft.
- ④ - Draw & explain the wiring diagram of lighting circuit of an automobile.
- ⑤ - Describe the functioning of Solex carburetor with neat sketch.
- ⑥ - Explain the battery ignition system with neat sketch.
- ⑦ - Explain the magneto-ignition system with neat sketch.
- ⑧ - Describe the lubrication system of I.C Engine.
- ⑨ - Working principle of single plate clutch.
- ⑩ - Briefly classify the engine according to its different source.
- ⑪ - Explain sliding-mesh gear box with neat sketch.
- ⑫ - Describe the working principle of fuel injection system for multi-cylinder engine.

Possible 6 mark question

- ① - Show the line diagram layout of automobile chassis with major component.
- ② - Draw & explain of a spark plug.
- ③ - Give comparison between sliding mesh & synchromesh gear box.
- ④ - Explain various suspension system used in cars.
- ⑤ - Explain about mechanical braking system.
- ⑥ - Describe working principle of fuel feed pump.
- ⑦ - Describe working principle of injector & fuel filter.
- ⑧ - Describe the function of lubrication.
- ⑨ - Explain about vacuum brake.
- ⑩ - Explain about multiple clutch.
- ⑪ - What is air-fuel ratio & explain stoichiometric ratio.
- ⑫ - What is universal joint & why it is necessary?
- ⑬ - Explain rigid axle front suspension system.

Possible 2 mark question

- ① - What is castor?
- ② - What is pressure release valve?
- ③ - State the use of oil filter?
- ④ - Write the function of universal joint.
- ⑤ - Define air-fuel ratio.
- ⑥ - Write the function of fuel feed pump.
- ⑦ - What is master cylinder?
- ⑧ - What is wheel cylinder?
- ⑨ - What is opposite cylinder engine?
- ⑩ - Why condenser used in ignition system?
- ⑪ - What is the function of distributor?
- ⑫ - Write down the meaning of specification of tyre.
- ⑬ - Define automobile.
- ⑭ - Why braking system used in automobile?
- ⑮ - Write down about rich & lean mixture?
- ⑯ - What is the gap between electrodes & ground of a spark-plug?
- ⑰ - Explain the function of a clutch.
- ⑱ - What is compression ignition engine?
- ⑲ - How brake power transmitted to the rear wheel?
- ⑳ - Function of steering wheel.
- ㉑ - Why choke used in automobile?