

Section –A**Note: Multiple Choice questions. All questions are compulsory.****6x1=6**

- Q.1 Which of the following is not an automobile
a. Car b. Bus
c. Train d. scooter CO-1
- Q.2 Which of the following is not a part of a two wheeler
a. Frame b. Engine
c. Steering d. Suspension CO-1
- Q.3 In which country right hand steering vehicles are used
a. India b. America
c. Germany d. France CO-5
- Q.4 A vehicle without body is called _____
a. frame b. glass
c. wheel d. chassis CO-3
- Q.5 The purpose of body streamlining is to
a. Reduce the cost of the vehicle b. Reduce the air resistance
c. Reduce the weight of vehicle d. All of above CO-3
- Q.6 In SI engine S stands for _____
a. Suction b. Standard
c. Spark d. Small CO-4

Section-B**Note: Objective/Completion type questions. All questions are compulsory. 6x1=6**

- Q.7 The full form of TDC is CO-4
- Q.8 It is not compulsory to have ISI mark on helmet. (True/False). CO-5
- Q.9 Write the full form of PUC certificate. CO-5
- Q.10 Connecting rod is connected with the crankshaft with the help of.....pin. CO-3
- Q.11 The inner diameter of cylinder known as CO-4
- Q.12 The material for cylinder block is CO-3

Section –C**Note: Short answer type Questions. Attempt any eight questions out of ten questions.****8x4= 32**

- Q.13 Describe any two types of car bodies. CO-3
- Q.14 Sketch a layout of four-wheeler. CO-1
- Q.15 Enlist five leading manufacturers of Scooter/motorcycles/car/bus/truck in India. CO-1
- Q.16 Define TDC/BDC/bore/stroke/dead centre/engine capacity. CO-4
- Q.17 Enlist the functions of transmission system of an automobile. CO-3
- Q.18 Compare internal combustion engine with external combustion engine. CO-4
- Q.19 Draw any five mandatory road signs and write their purpose. CO-5
- Q.20 Classify automobiles on the basis of number of wheels and give example of each type. CO-1
- Q.21 Enlist any five traffic rules. CO-5
- Q.22 Write five differences between petrol engine and diesel engine. CO-4

Section-D**Note: Long answer questions. Attempt any two questions out of three questions.****2x8=16**

- Q.23 Explain construction and working of 4 stroke petrol engine with neat diagram. CO-4
- Q.24 Write any ten tips for safe driving. CO-5
- Q.25 Give a detailed classification of automobiles. CO-2