

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

Q.1 Which of the following is not an automobile

CO-1

- a. Car b. Bus
- c. Train d. scooter

Q.2 Which of the following is not a part of a two wheeler

CO-1

- a. Frame b. Engine
- c. Steering d. Suspension

Q.3 In which country right hand steering vehicles are used

CO-5

- a. India b. America
- c. Germany d. France

Q.4 A vehicle without body is called \_\_\_\_\_

CO-3

- a. frame b. glass
- c. wheel d. chassis

Q.5 The purpose of body streamlining is to .....

CO-3

- a. Reduce the cost of the vehicle b. Reduce the air resistance
- c. Reduce the weight of vehicle d. All of above

Q.6 In SI engine S is stands for \_\_\_\_\_

CO-4

- a. Suction b. Standard
- c. Spark d. Small

**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