

- Q.27 Explain fuel consumption tester. (CO2)
- Q.28 Explain simple screw jack. (CO2)
- Q.29 Describe connecting rod aligner. (CO2)
- Q.30 With neat sketch explain five engine repairing tools. (CO3)
- Q.31 Explain fuel injector tester method. (CO2)
- Q.32 Explain outside micrometer. (CO2)
- Q.33 Explain vehicle battery defects in brief. (CO2)
- Q.34 Explain fire extinguisher equipment in garage. (CO1)
- Q.35 Explain necessity of first aid box in a vehicle. (CO1)

Section-D

Note: Long answer questions. Attempt any two question out of three Questions. (2x10=20)

- Q.36 Explain hydraulic hoist with neat sketch. (CO5)
- Q.37 Explain the working principle of fuel injection pump calibration machine. (CO4)
- Q.38 Explain computerized wheel balancer static and dynamic. (CO2)

No. of Printed Pages : 4
Roll No.

180353/170353/
120353/030353

5th Sem., Branch : Auto Subject : Garage Equipment

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Multiple type Questions. All Questions are compulsory. (10x1=10)

- Q.1 Function of a striking wrench is (CO1)
- Loosening of Bolt
 - Tightening of nut
 - Opening of screw
 - One working end ring type and other end is struck by hammer when needed
- Q.2 The purpose of Feeler gauge is (CO1)
- Measuring the small gap
 - Measuring the diameter of a cylinder
 - Measuring the length of a rod
 - Measuring length of a beam
- Q.3 Honing is a process (CO1)
- Cutting process
 - Surface removal
 - Finishing process
 - None
- Q.4 Compression gauge is used to check (CO5)
- Compression efficiency
 - To improve average
 - Suction Efficiency
 - For high fuel

- Q.5 In a Garage (CO2)
- Vehicle are stored
 - Inspection of vehicle
 - Repair & Maintenance of vehicle
 - All of the above
- Q.6 Which of the following is the best method to measure the speed? (CO2)
- Mechanical tachometer
 - Electrical tachometer
 - Magnetic pickup
 - Mechanical counters
- Q.7 Tyre inflating gauge is for (CO3)
- Checking tyre air pressure
 - Filling air in tyre
 - Increase tyre life
 - None
- Q.8 Class A Fire meant for (CO1)
- Fires in flammable liquids
 - Fire in wood cloth
 - Fire in electrical equipment
 - None
- Q.9 Types of battery used in a car is (CO4)
- 2C
 - 6V
 - 12V
 - 10V
- Q.10 Which of the following is found in an automobile's electrical system? (CO4)
- Lighting systems
 - Battery
 - Alternators
 - All of the mentioned

(2)

180353/170353/
120353/030353

Section-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Write the benefit of electric wrench. (CO1)
- Q.12 Define a bore gauge. (CO1)
- Q.13 Write application of a power drill. (CO5)
- Q.14 Write one defect in a vacuum gauge. (CO2)
- Q.15 Write use of cam angle tester. (CO2)
- Q.16 Alternator in a vehicle is used for _____. (CO4)
- Q.17 Write the use of rough file. (CO3)
- Q.18 Why first aid box is necessary in vehicles? (CO1)
- Q.19 Write advantages of hydraulic jack. (CO5)
- Q.20 Write use of crane. (CO3)

Section-C

Note: Short answer type Question. Attempt any twelve questions out of fifteen Questions. (12x5=60)

- Q.21 Describe various types of wrenches. (CO1)
- Q.22 Explain the use of tube flaring tool. (CO1)
- Q.23 Explain the working of ignition timing light. (CO2)
- Q.24 Describe working of smkoometer. (CO3)
- Q.25 Enlist the used of air compressor in garage. (CO1)
- Q.26 Write five uses of measuring tools in a garage. (CO1)

(3)

180353/170353/
120353/030353