

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

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

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 smkoemeter. (CO3)
 Q.25 Enlist the used of air compressor in garage. (CO1)
 Q.26 Write five uses of measuring tools in a garage. (CO1)