

- Q.26 Explain vacuum gauge. (CO4)
 Q.27 Why balancing is necessary in vehicle? (CO5)
 Q.28 Explain fire prevention in automobile garage. (CO4)
 Q.29 Explain valve lifter. (CO2)
 Q.30 With neat sketch explain five engine repairing tools. (CO3)
 Q.31 Illustrate paint spray gun? (CO5)
 Q.32 Explain micrometer with sketch. (CO1)
 Q.33 Explain trolley type jack. (CO1)
 Q.34 Explain fuel injector tester. (CO5)
 Q.35 Explain first aid box in vehicle. (CO4)

SECTION-D

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

- Q.36 Describe the working of cylinder boring machine. (CO5)
 Q.37 Write the types of grease gun and describe their working. (CO2)
 Q.38 Explain various types of spanners and wrenches with neat sketch. (CO1)

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5th Sem / Auto Subject:- Garage Equipment

Time : 3Hrs.

M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 Benefits of a Box spanner is. (CO1)
 a) Closed openings at ends
 b) Avoid slip and damages
 c) Both A & B
 d) None of the above
- Q.2 Taps are used for (CO1)
 a) Internal threads b) External threads
 c) Making Holes d) All
- Q.3 A torque wrench is tool used to tighten the nuts and bolts (CO1)
 a) At no moments
 b) At manually values
 c) Only tightening
 d) Specified values of twisting moment

- Q.4 Vacuum gauge is used to check (CO2)
- Compression efficiency
 - To improve average
 - For high fuel
 - Suction Efficiency
- Q.5 Hoist is used to: (CO3)
- lift a vehicle
 - tow a vehicle
 - Dismantle a vehicle
 - Recondition a vehicle
- Q.6 Paint spray gun is operated by- (CO5)
- Electricity
 - Vacuum pump
 - Compressor
 - Hydraulic pump
- Q.7 Hydrometer is used to test _____ (CO4)
- Brakes
 - Battery
 - Radiator
 - Injector
- Q.8 In Garage Washing of vehicles is performed by (CO1)
- High pressure car washer
 - Hydraulic pressure
 - High air pressure
 - Normal pressure
- Q.9 The ampere hour capacity of a battery used on cars is (CO4)
- 30-60 Ah
 - 5 - 10 Ah
 - 200 - 250 Ah
 - 100 - 150 Ah.

- Q.10 Growler is used for following test (CO1)
- Earth test
 - Short Circuit Test
 - Open Circuit Test
 - All of the above

SECTION-B

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

- Q.11 Write function of V-Block. (CO1)
- Q.12 Write the use of Tommy bar. (CO1)
- Q.13 Give the function of Wire Gauge. (CO3)
- Q.14 Name any one type of hammer. (CO1)
- Q.15 Give the application of a creeper. (CO1)
- Q.16 Write the use of valve compressor. (CO2)
- Q.17 Write use of a plier. (CO1)
- Q.18 Give specification of spanner. (CO1)
- Q.19 Write the function of valve refacer. (CO3)
- Q.20 Specify rpm testor. (CO2)

SECTION-C

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

- Q.21 Illustrate standard screw driver. (CO1)
- Q.22 Draw a neat sketch of a bench grinder. (CO2)
- Q.23 Explain radius gauge. (CO3)
- Q.24 Describe piston ring remover. (CO3)
- Q.25 Explain various battery defects. (CO4)