

- Q.29 Explain construction and working of scissor jack.
(CO2)
- Q.30 Discuss growler. (CO4)
- Q.31 Describe cylinder boring machine. (CO5)
- Q.32 Explain construction and working of arbor press.
(CO5)
- Q.33 Describe outside micro meter. (CO1)
- Q.34 Discuss creepers. (CO1)
- Q.35 Discuss construction and working of paint spray gun. (CO5)

SECTION-D

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

- Q.36 Describe construction and working of spark plug cleaner and tester. (CO2)
- Q.37 Describe construction and working of fuel injection pump calibration machine. (CO5)
- Q.38 Describe various types of spanners and wrenches with neat sketches. (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 Equipment used for checking pollution of exhaust of diesel engine. (CO2)
 a) Compressor b) Analyzer
 c) Rectifier d) Smoke meter
- Q.2 Instrument used to check specific gravity of electrolyte of battery. (CO4)
 a) Hydrometer b) Voltmeter
 c) Condenser d) Ammeter
- Q.3 A devise used for lifting the vehicle. (CO5)
 a) Press b) Vice
 c) Jack d) Creeper
- Q.4 A gauge used for checking the gap between mating parts (CO1)
 a) Thread gauge b) Radius gauge
 c) Bore gauge d) Feeler gauge
- Q.5 Tool used for producing the hole (CO1)
 a) Drill b) Punch
 c) File d) Reamner

- Q.6 Intake section vacuum is checked by (CO2)
 a) Injector b) Vacuum gauge
 c) Pump d) Growler
- Q.7 Tool used for tightening or loosening of nut or bolt (CO1)
 a) Hammer b) Chisel
 c) File d) Spanner
- Q.8 Tool used for metal sawing (CO1)
 a) Hawksaw b) File
 c) Chisel d) Hammer
- Q.9 Tool used for checking bore diameter of cylinder (CO2)
 a) Bore gauge b) Radius gauge
 c) Vernier d) Micrometer
- Q.10 Chipping is done by _____ (CO1)
 a) Reamer b) Chisel
 c) File d) Creeper

SECTION-B

- Note:** Objective type questions. All questions are compulsory. (10x1=10)
- Q.11 Give the name of hand tool used for loosening or tightening of screws. (CO1)
- Q.12 Reamer is used for finishing of already drilled hole. (True/False) (CO1)
- Q.13 Give the name of equipment used greasing the vehicle components. (CO1)
- Q.14 _____ is used for checking exhaust of S.I. engine. (CO3)

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- Q.15 _____ is used for charging battery. (CO4)
- Q.16 Die is used for cutting external _____. (CO1)
- Q.17 Fuel injector is used in C.I engine.(True/False) (CO5)
- Q.18 Write the name of equipment used for removing valve. (CO2)
- Q.19 Write the name of machine used grinding of crankshaft. (CO1)
- Q.20 _____ is used to check vacuum in intake manifold of engine. (CO2)

SECTION-C

- Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)
- Q.21 Discuss File and its types. (CO1)
- Q.22 Explain construction and working of soldering tool (CO1)
- Q.23 Discuss fire extinguishers (CO1)
- Q.24 Explain construction and working of portable drilling machine. (CO1)
- Q.25 Describe compression gauge. (CO2)
- Q.26 Discuss piston ring compressor. (CO2)
- Q.27 Discuss different types of battery charging. (CO4)
- Q.28 Describe chassis dynamometer. (CO5)

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