
2nd Semester
Branch: Auto/Mech/Mech(T&D)
Subject: Workshop Tech.

Time Allowed: 3 Hrs.

MM: 60

Section -A

Note: Multiple Choice questions. All questions are compulsory.

$$6 \times 1 = 6$$

Section-B

Note: Objective/Completion type questions. All questions are compulsory. $6 \times 1 = 6$

- Q.7 Ball peen hammer is mainly used for chipping riveting (True/False).
Q.8 -----works on the principle of screw and nut.
Q.9 Diamond is the hardest of all the cutting tool material (True/False).
Q.10 Ultrasonic testing is used to inspect surface defects (True/False).
Q.11 Turret lathe is ----- type of lathe.
Q.12 Feed is the rate of -----per revolution of drill.

Section -C

Note: Short answer type Questions. Attempt any eight questions out of ten questions. **8x4= 32**

- Q.13 Name different types of micrometers.
 - Q.14 What are the effects of a tool signature?
 - Q.15 Write the advantages of welded joints over riveted joints.
 - Q.16 Write the applications of gas welding.
 - Q.17 Classify the lathe machines.
 - Q.18 Explain the principle of drilling.
 - Q.19 Explain working of table type horizontal Boring machine.
 - Q.20 Write the properties of cutting fluid.
 - Q.21 What is the surface gauge? How it work?
 - Q.22 What are effect of heat produced during the metal cutting

Section-D

Note: Long answer type questions. Attempt any two questions out of three questions. **2x8=16**

- Q.23 Compare the AC arc welding & DC arc welding.
Q.24 Explain any five lathe operations in detail.
Q.25 Name different type of reamers and explain any three.