

S. B. Roll. No.....

WORKSHOP TECHNOLOGY-II
4th Exam/Mech./Auto/2493/Jun'2022
(For 2018 Batch Onwards)

Duration: 3Hrs.

M.Marks:75

SECTION-A

Q1. Do as directed.

15x1=15

- a. The full form of HSS is High Strength Steel. (T/F)
- b. The Lathe bed is made of _____
- c. Transformer oil is used as cutting fluid for machining. (T/F)
- d. Feed is the rate of _____ per revolution of drill.
- e. Keyways can be cut with the help of broaches. (T/F)
- f. Vertical shaper is also called as slotter. (T/F)
- g. The holding bar of drill is called _____.
- h. Reaming operation is related to _____.
- i. The backward stroke in a shaper is called _____ stroke.
- j. The Planer Table is made of _____
- k. V-Blocks are used for holding cylindrical parts. (T/F)
- l. A Mandrel is used to hold _____.
- m. Boring is an operation of _____ a drilled hole
- n. Function of a cutting fluid is to take away _____ from the cutting zone.
- o. Three Jaw chucks are also called as _____ chucks.

SECTION-B

Q2. Attempt any six questions.

6x5=30

- i. Write a short note on Boring.
- ii. Describe the difference between Counter Boring & Counter Sinking.
- iii. Explain the working of Boring machine with the help of neat sketch.
- iv. Explain different types of turning operations.
- v. Write short notes on Jigs & Fixtures.
- vi. Describe the construction and working of Radial Drilling Machine.
- vii. Describe construction and working of a Slotter.

SECTION-C

Q3. Attempt any three questions.

3x10=30

- a. Explain in detail the main parts of a Shaper?
- b. Write essential properties of a Cutting Fluid.
- c. Explain Construction & working of a Jig Boring machine.
- d. Explain Construction & working of a Capstan Lathe.
- e. Discuss in detail about the Quick return mechanism used in a Shaper machine with the help of a neat sketch.