

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

WORKSHOP TECHNOLOGY-II
4th Exam/Mech./Auto/2493/Jun'2021
(For 2018 batch onwards)

Duration: 1.15Hrs.

M.Marks:25

SECTION-A

Q1. Attempt any three questions.

3x5=15

- i. What is tool signature? Show the important angles on a Single Point Cutting Tool using a neat labeled diagram.
- ii. Explain in brief about Turning and Tapping.
- iii. What is the principal of drilling? Name any three operations that can be performed on a drilling machine.
- iv. What is boring? Give the specification of boring machines.
- v. Write a short note on Hydraulic Shaper Mechanism.
- vi. Explain the elements of a broach tool using a labeled diagram.
- vii. Write a short note on principle of location.

SECTION-B

Q2. Attempt any one question.

1x10=10

- a. Write a short note on the following:
i) Turning ii) Facing iii) Parting off iv) Taper Turning v) Knurling
- b. How is a jig different from a fixture? Explain any three types of Jigs.
- c. Use neat labeled diagrams to show the various angles on a twist drill & its nomenclature. Explain in detail about Spot Facing and Counter Sinking.
- d. Explain any three types of broaching machines using neat labeled diagrams.