

S.B. Roll No.....

**WORKSHOP TECHNOLOGY-II**  
**4<sup>th</sup> Exam/Mech./Auto/2493/Jan'2022**  
**(FOR BATCH 2018 ONWARDS)**

**Duration: 1.15Hrs.**

**M.Marks:25**

**SECTION-A**

**Q1. Attempt any three questions.**

**3x5=15**

- i. Show the geometry of a Single Point Cutting Tool using a neat labelled diagram.
- ii. Explain in brief about Step Turning and Knurling.
- iii. What is the principal of drilling? Name any three operations that can be performed on a drilling machine.
- iv. Write a short note on boring tools.
- v. Write any five points of specification of a shaper.
- vi. Show diagrammatically the elements of a broach tool and broach tooth details.
- vii. Write a short note on principle of location.

**SECTION-B**

**Q2. Attempt any one question.**

**1x10=10**

- a. Define Cutting Speed, Feed and Depth of cut in case of Turning? Show different parts of a Lathe using neat labelled diagram and write a short note on taper turning.
- b. Explain any four types of Jigs.
- c. Show Drill Nomenclature using neat labeled diagrams. Explain in brief about Spot Facing, Counter Sinking and Tapping.
- d. How is a Planer different from a Shaper? Classify Shaper machines.