

S.B. Roll No.....

**WORKSHOP TECHNOLOGY-II**  
**4<sup>th</sup> Exam/Mech./Auto/2493/Feb'2021**  
**(For 2018 batch onwards)**

**Duration: 1.15Hrs.**

**M.Marks:25**

**SECTION-A**

**Q1. Attempt any three questions.**

**3x5=15**

- i. What is the effect of heat produced on cutting action?
- ii. What do you understand by tool signature?
- iii. Write the various types of commonly use reamers.
- iv. Explain the principal of drilling.
- v. Describe the specification of boring machine.
- vi. Explain the working principle of planer.
- vii. Differentiate between pull broaching and push broaching.
- viii. Explain the function of steady rest.

**SECTION-B**

**Q2. Attempt any one question.**

**1x10=10**

- a. Explain various parts of centre lathe machine with neat sketch.
- b. What are the various methods of lubrication of machine tools? Explain any two of them.
- c. Describe the working and construction of quick return mechanism of a shaper.
- d. Draw a neat sketch of broach and explain the different elements of broach.