

S.B. Roll No.....

WORKSHOP TECHNOLOGY
3rd Exam/MECH/Auto/0593/Jan'2022
(FOR BATCH 2018 ONWARDS)

Duration: 1.15Hrs.

M.Marks:25

SECTION-A

Q1. Attempt any three questions.

3x5=15

- i. Differentiate between A.C. and D.C. arc welding.
- ii. Write down the characteristics of good core?
- iii. What are the disadvantages of Ultrasonic welding?
- iv. Compare Mechanical Press with Hydraulic press.
- v. What are the various additives used in making moulding sand?
- vi. Explain all the elements of gating system.
- vii. Write down the advantages of Extrusion process.

SECTION-B

Q2. Attempt any one question.

1x10=10

- a. What are the various welding defects? Also write its causes and remedies to control these welding defects.
- b. What is Pattern? Explain different types of patterns.
- c. What is Press working? What are the various ways in which presses can be classified?
- d. What is die casting? Explain the hot chamber and cold chamber die casting process with suitable diagrams.