

### SECTION-B

**Note:** Short answer type questions. Attempt any six questions out of eight questions. (6x5=30)

- Q.11 Explain forward extrusion with a sketch.
- Q.12 Write in brief about Thermit welding.
- Q.13 Explain the flurorescent method used for testing of welded joint.
- Q.14 With a neat sketch, explain the different parts of a gating system.
- Q.15 What are pattern allowances? Explain any two-pattern allowances with a neat sketch.
- Q.16 What is meant by "risering"? State the advantages that are provided by a riser
- Q.17 What do you understand by mechanization of foundries? How is it the need of present age?
- Q.18 Write a short note on self-lubricated bearing.

### SECTION-C

**Note:** Long answer questions. Attempt any one questions out of two questions. (1x10=10)

- Q.19 Explain Electron Beam welding with a neat sketch.
- Q.20 Discuss briefly the materials, which are added to moulding, sand to improve their moulding properties.

No. of Printed Pages : 2  
Roll No. ....

188643

**2nd Sem, Level 4 / DVOC (Auto. Servicing, PT, AMT)**

**Subject : Manufacturing Technology - II**

Time : 2 Hrs.

M.M. : 50

### SECTION-A

**Note:** Very short questions. Attempt all ten questions. (10x1=10)

- Q.1 Fusibility
- Q.2 Weld bead geometry
- Q.3 Filler roads
- Q.4 Methods of non-destructive testing of welded joints
- Q.5 Write various materials used for making of a pattern
- Q.6 Parting powders
- Q.7 Flux
- Q.8 Coring up
- Q.9 Die casting
- Q.10 Sintering