

### SECTION-B

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

- Q.11 Differentiate between shearing and blanking operations with diagram.
- Q.12 Explain DC electric welding with advantages and disadvantages.
- Q.13 Explain any five tools used in green sand moulding.
- Q.14 Explain the Seam and Locked seam sheet metal joint with diagram
- Q.15 Explain the process of riveting in brief.
- Q.16 Explain the soldering operation with applications in brief.
- Q.17 Explain the process of oxy-acetylene welding with applications.
- Q.18 Explain various types of flames used in gas welding.

### SECTION-C

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

- Q.19 Explain forge welding with advantages, disadvantages and applications in detail.
- Q.20 Explain various tools and equipments used in carpentry operations.

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**2nd Sem, Level 4 / DVOC (Ref. & Air Cond.)**

**Subject : Manufacturing Technology**

Time : 2 Hrs.

M.M. : 50

### SECTION-A

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

- Q.1 What is fullering?
- Q.2 What is Plumbing?
- Q.3 Tell any two uses of temporary fasteners.
- Q.4 Tell the prime use of striking tools in sheet metal operations.
- Q.5 What is Swaging?
- Q.6 Tell any two materials used for making pattern.
- Q.7 What is forming?
- Q.8 What is use of plier?
- Q.9 Tell the two applications of brazing.
- Q.10 What is burring?