

- Q.14 Define weld ability
- Q.15 Write about the various defects occurring in soldering process and their remedies.
- Q.16 Define the resistance welding process.
- Q.17 Write the various materials used for preparation of french and spirit polish
- Q.18 Write the requirements of good pattern.

SECTION-D

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

- Q.19 Write detailed note on classification, size and specifications of common carpentry tools.
- Q.20 Explain about the surface preparation methods for old new articles for painting process.

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Level 4, 1st Sem
Branch: DVOC (Auto. Servicing, ITM, PT,AMT)
Subject : Manufacturing Technology-I

Time : 2 Hrs.

M.M. : 50

SECTION-A

Note: Multiple choice questions. All questions are compulsory (5x1=5)

- Q.1 The following hammer is used for striking as well as for pulling the nails from wood
- Cross peen hammer
 - Claw hammer
 - Mallet
 - All of these
- Q.2 For bending the metal, which part of the Anvil helps?
- Horn or Beak
 - Chipping
 - Flatters
 - Swages
- Q.3 Which tool is used to level the sheet on a levelling plate?
- Anvil
 - Stake

- c) Mallet d) Hammer
- Q.4 The commonly used flux in brazing is
- a) Borax b) Rosin
- c) Lead sulphide d) Zinc chloride
- Q.5 Which of the following is most durable varnish?
- a) Turpentine varnish b) Spirit varnish
- c) Water varnish d) Oil varnish

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (5x1=5)

- Q.6 Which of the following is not a cutting tool?
- a. Compass saw
- b. Firmer chisel
- c. Plier
- d. Coping saw
- Q.7 Which one of the following notch is used when making a job with 90° Bend?
- a. Square notch
- b. V-notch
- c. Wired notch
- d. Slant notch

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- Q.8 A rivet is specified by
- a. Shank diameter
- b. Length of rivet
- c. Type of head
- d. Material of rivet
- Q.9 The voltage needed in resistance welding does not depend upon
- a. Composition
- b. Area
- c. Thickness of weld
- d. Length of weld
- Q.10 Foundry process is used to make intricate parts
- a. True
- b. False

SECTION-C

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

- Q.11 Write a short note on fundamental of wood working operations.
- Q.12 How Tenon joint is prepared?
- Q.13 Write about cutting and shearing tools used in sheet metal working.

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