

- 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
a) Cross peen hammer
b) Claw hammer
c) Mallet
d) All of these
- Q.2 For bending the metal, which part of the Anvil helps?
a) Horn or Beak b) Chipping
c) Flatters d) Swages
- Q.3 Which tool is used to level the sheet on a levelling plate?
a) Anvil b) 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

Q.8 Arivet 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.