

Q.10 A _____ flame is one in which the supply of acetylene gas is more as compared to oxygen gas.

SECTION-B

Note: Short answer type questions. Attempt any six questions out of Eight questions. $(6 \times 5 = 30)$

Q.11 What are marking tools? Also, write the names of marking tools used in carpentry shop

Q.12 Differentiate between A.C and D.C welding.

Q.13 Describe forge welding.

Q.14 Draw the neat sketch of different types of joints used in sheet metal shop.

Q.15 Write the steps involved in making a sheet metal product.

Q.16 Define the following processes used in sheet metal work:
(a) Shearing (b) Blanking (c) piercing

Q.17 Define cutting tools. Also write the names of cutting tools used in carpentry shop.

Q.18 Draw the diagram of tools and equipment used for preparing green sand mould in floor moulding.

SECTION-C

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

Q.19 Explain with neat sketch the working principle of gas welding

Q.20 Explain the different types of allowances used for making patterns.

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DVOC (Level 4)

Sem 2nd / Refrigeration and Air Conditioning

Subject : Manufacturing Technology.

Time : 2 Hrs.

M.M. : 50

SECTION-A

Note: Very short answer type questions . Attempt all ten questions $(10 \times 1 = 10)$

Q.1 Name the different types of knots found in wood.

Q.2 Name the different types of seasoning of wood.

Q.3 In gas welding, which gas is used along with acetylene gas?

Q.4 The standard angle of twist drill is taken as _____.

Q.5 Which instrument is used for measuring the thickness of sheets and diameter of wires in sheet metal shop ?

Q.6 A scissor like cutting tool used to cut sheets in sheet metal shop is called _____.

Q.7 The process in which the diameter of the hot workpiece is increased and length is reduced is known as _____.

Q.8 The process of joining two metal pieces by heating and hammering is known as _____.

Q.9 A machine screw with hexagonal recess in its head can be opened with a/an _____ key.

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