Ex HO: 11

Oak: Oceanber 3,2021

To construct a duster from the given work piece

Application

Cross bors in a cof, shelves

Material Specifications:

Venleek wood of size 150×45×30 mm

Tools required

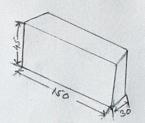
3) try square 4) marking gauge 2) Morfisechisel 8) Rasp (3) wooden mallet

) Pencil 2) steel rule 5) Hand sow 6) Firmer chisal

Sequence of operation
1) Preparing 2) Marking 3) culting/sowing/chiseling 4) Finishing

Working Steps:

) Preparing: frepare the work piece as per the specification in a length of 150 mm, width 45mm and thickness 30 mm



2) Marking

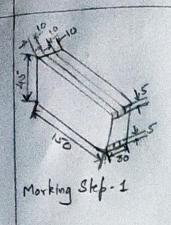
1) Adjust the marking gauge to 10 mm and set out the distance from the same along all the four sides of the piece on the 30 mm thickness side from both ends

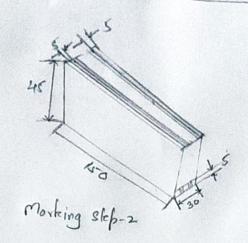
2) Again, adjust the marking gauge to 5 mm and set out distance along all the four sides of the piece

3) Now mork a distance of 5 mm perpenditular to these lines on the 30 mm x 45 mm

sides from both ends

4) mark a diagonal line on at the inner square thus formed





3) Culling / Sawing / Chiseling:

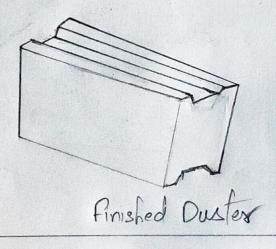
above the jaw . Use a hand saw to cut along the required line marking but slightly insides the line as shown in figure to the required

2) Now using a firmer chisel take series takes a series of cuts to remove the wood up to this 5 mm depth

3) Hold the fiece again a firmer chisel & landy chip off the wood from the along the material & ide

4) finishing:

Take a series of small cuts delicately on both the side fiece to remove to the excess accord. Ob law a fine finish of the socket and Shoulder assembly joint and clear off the waste by rasp



Pre Lab Questions 1) which is the weakest wood joint? Mifes joint e) Listout 3 types of chisels 1) Bevel edge chied e) firmer chisch 3) Mortise chisel 3) How many types of rasp and Montion any fews?

There are 8 types of rasp. Ex- vhalf round rasp

2) round rasp 4) Mention 4 types of timber 1) Pine 2) Vanleade 3) Ebony 4) Cedor 5) What is the function of chisel It is used to cut and shape wood Fost LAB Questions 1) what is vice and name vorious types of vice Vice is a holding tool which is used to hold the workfice Serawly while forferming operation - Types of vice ove ) bandwice 2) Drillvice 3) Tool maker vice 4) pipe vice 2) How many types of joints are there in earpentry 5 types 3) classify the chisels and their application? Chiscle are classified as culting tools. These mainly used to remove large portion of wood from woodwooden workpiece and shape it. 4) List out types of hand sow.
1) Cross cut sow 4) Bone sow 7) Povetail Sow
2) Rib sow 5) Coping sow 8) Key bole sow
3) Comel sow 6) back sow 3) Compens sow 5) what is main purpose table saw table saw is used to cut strought in wood. The duster was produced from the given work piece and submitted for evaluation