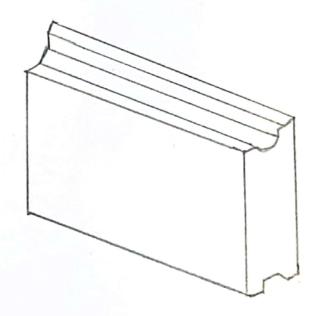


(4) finished Duster



ALL DIMENSIONS ARE IN MM.

\* AM.

To construct a duster from the given work piece.

\* APPLICATION.

hoss bass in a cot, Shelves.

\* MATERIAL SPECIFICATIONS:

Venteck wood of size 150 x 45 x 30 mm

\* TOOLS PEQUIPED:

(1) Pencil (2) Steel enle (3) Try Square (4) Marking gauge. (5) Hand saw (6) Firmer chisel (7) Mertine chisel (8) Kasp (9) Wooden mallet.

\* SEQUENCE OF OPERATION:

(1) Preparing (2) Marking (3) Cutting / Sawing / Christing (4) Finishing

\* WORKING STEPS:

heparing:

hepare the work piece as per the specifications in a length of 150 mm, width 45 mm and thickness 30 mm.

Marking:

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 from thickness side from both ends.

30 mm thickness side from both ends.

-> Again, adjust the marking gauge to 5 mm and set out distance along all the four side of the piece.

-> Now mark a distance of Smm perpendicular to these on the 30mm × 45 mm side from both ends.

-> Mark a diagonal line on at the winer square thus formed.

P.T.0

Hold the piece horizontally in away such that the portion to be cut is just 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 5 mm. Now using a firmer chisel take a series of cuts to remove the wood up to this 5mm depth.

Nold the piece again a firmer chisel stantly chip off the wood from the along the naterial diagonal side. finishing: Take a series of small cuts delicately on both the side piece to remove to the excess wood obtain a fine finish of the socket and shoulder assembly joint and clear off the waste by resp.

## \* PRE AND POST LAB QUESTIONS:

Q1- Which is the weakest wood joint ? Aust Butt Joint is the Weakert Wood Joint.

Ans: 1) Flat Chisel (2) firmer Chisel (3) Mortise Chisel.

Ans: There are B types of rasp.

Any two rasps are: 1 Cabinet Rasp (2) Chanked rasp.

Aus= (1) Bamboo (2) Buch (3) Cane (4) Cedan

As. What is the function of chisel?

This: Chisel is a culting tool with a sharpened edge at end of metal blade, used along with a mallet or hammer in dressing, shaping carre materials like wood.

P.T.0

96. What is vice and name various types of vice?

Ans: The mechanical device used for holding jobs is called vice. Types of wice are: (1) Bench Vice (2) Simple Bench Vice (3) Quick Release Vice (4) Combination Vice (5) Machine Vice (6) Hand Vice (7) Dill Vice (8) his Vice (9) Carpenter Vice (10) keg Vice. At: How many types of joints are there in carpentry ? Ans: There are more than 10 joints in carpentry. Some of them are: (1) Butt Joint. (2) Hay-Joint 3) Tongue & Grecore Joint. (4) Donetail Joint. (5) Rabbet Joint (G) Box Tourt (F) furger Joint 18) Mitered Butt Joint. Q8. Classify the chisels and their applications. Any-WMost chisels are divisible into two classes: (i) Tang chisels, in which a portion of the blade, called the tang, fits into the handle. (ii) socket chisels, in which a portion of the handle fits into the blade. (2) Chrisels are widely used in woodworking, wood carving and shaping. 29. List out the types of hand can. Ans = There are more than 10 types of handson: lone of them are: (1) Hackson 12) Back son (3) Pruning law (4) Jab Son (5) Crossent Saw (6) Table saw (7) Devetail saw (8) Tooth saw. AN = Table can helps in making accurate and precise cuts on wood and reduce effort needed to make a straight cut. - The Duster was produced from the given work piece and submitted for evaluation. A PESULT: