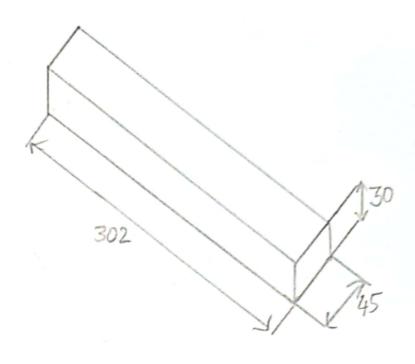
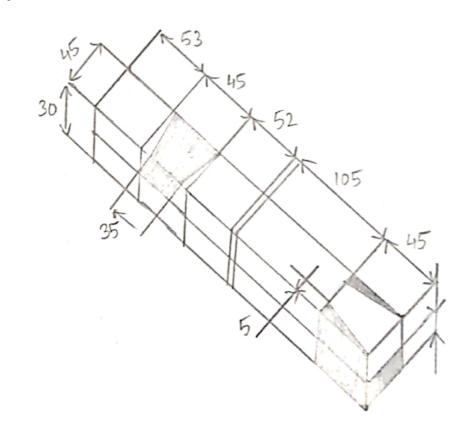
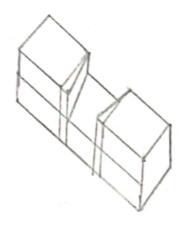
(1) Work liece:

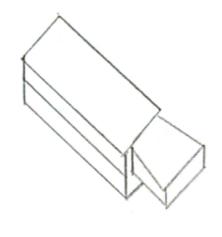


(2) Marking unwanted portions

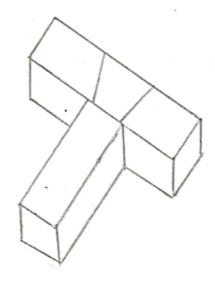


(3) Einishing the workpieces





((4) Assembled Work Riece



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AIM: To produce a Danetail Halving Joint from the given work piece.

 \Rightarrow

APPLICATION:

Cross bars in a cot, shelves, table drawer.

4

MATERIAL SPECIFICATIONS:

Ven teak wood of size 302 x 45 x 30 mm.

Then take the work piece and place them on the left side of bench vice then use the hand saw up to 15mm depth on both diagonal lines.

Now using a firmer chisel take series of cuts to remove the wood up to the brettom line, as shown in figure. Next to hold the piece vertically and tightly in the vice such that the portion to be cut just above the jaw and use a hand saw to cut the live markings. Lemone the

required depth slightly on the line as shown in figure.

Use the firmer chief out on the diagonal lines as shown

(4) Eunshing:

Take a series of small cut delicately on both the pieces to remove the excess wood.

Make it smooth with rasp.

Then to cut woeden piece middle of 2mm.

Assemble joint and clean the waste particles.

* PRE AND POST LAB QUESTIONS:

Q1. What is mean by Timber ? timber is a type of wood which can be processed into beams and planks. Any wood capable of yielding a minimum diviensional size can be termed as a timber or lumber.

42. How do you use steel rule? Ans - Steel mes come in rigid and flexible ressions. While then primary purpose is accurate measurement, they can also be used as guides for laying out lines and if rigid enough, for cutting. The thirter, more flexible rules can be used to measure rounded or cambered work.

Ans: A try square is a woodworking tool used for marking and checking 90° angles on fieces of wood. A try square is so called because it is used to try how square the work piece is. Ans - A marking gauge is used in woodworking to mark out lines for cutting or other purposes. The main purpose is to scribe a line farallel to a reference edge. Q5. Classify the Manning tools? Arro- (1) Bench Plan: Jack Plane, Smoothing Plane, Block Plane,
Jointing Plane. 12) Curve Circular Plane: Spoke shake, Scraper, Compass, Draw (3) Special Purpose Plane: Lebate Plane, Bullnose Plane, Molding Plane, Bead Plane, Universal Plane. Ob. How many teeth does a Tenon saw have?

Any: They usually have somewhere between 10-14 teeth per inch. What is the difference between Hacksaw and Tenonson? AN = Hackson has disposable metal cutting blade held in tension within a bow frame. Tenon saws have a rigid blade to eliminate blade distortion on precision timber 28. List out the hammer used in carpentry ? Any= (1) Claw hammer (2) Ball pein hammer (3) Wooden mallet (4) Well hanner (5) Raising hammer. P. T. 0