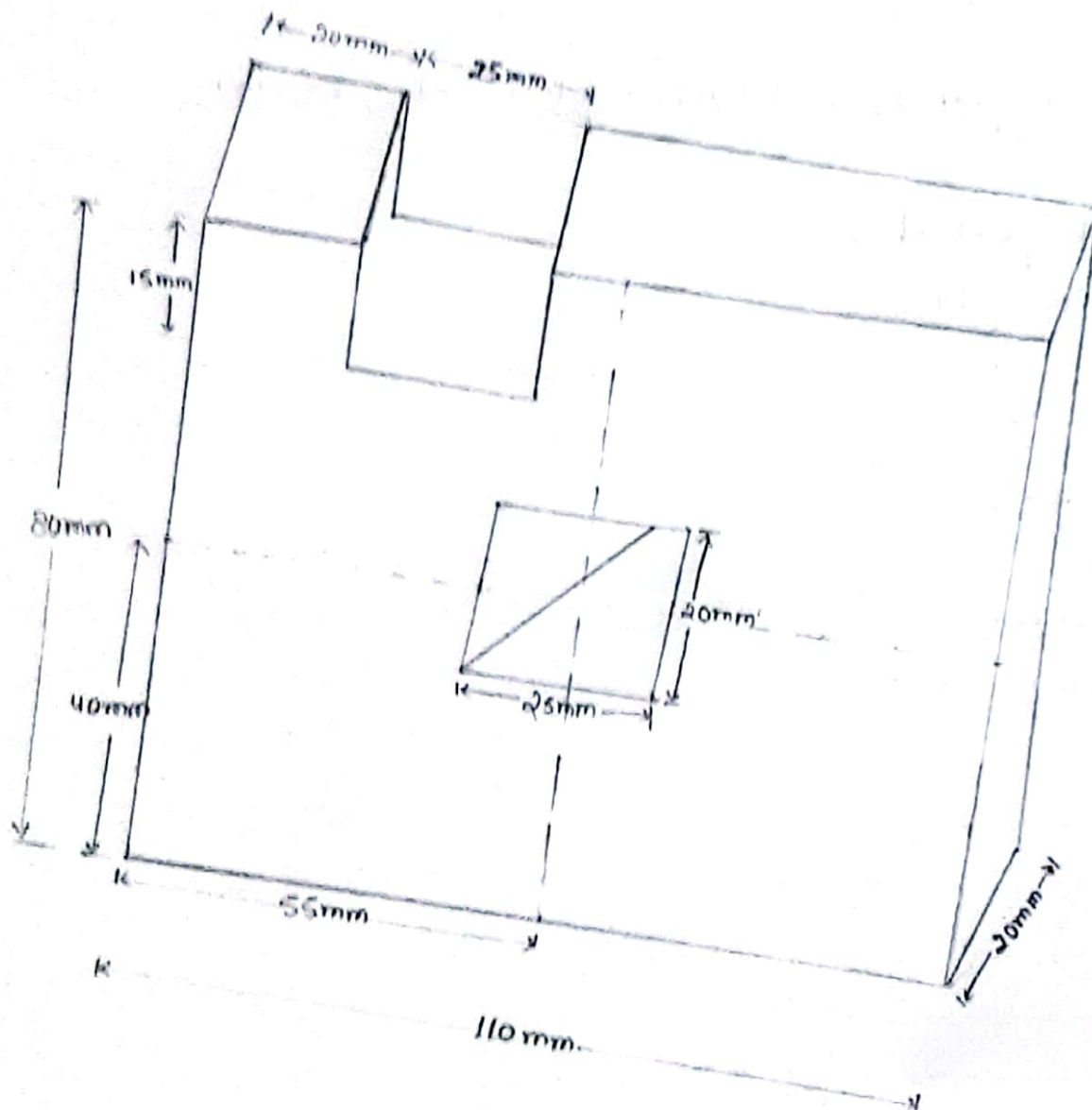


## Wooden Block workpiece.

Material required : wooden piece or Timber

Tools required :

- Iron jack plane
- Saw
- Chisel
- Rasp file.
- Mallet.
- Try square.
- Engineering scale.



## ◦ Step required :

- We had to take a wooden piece of length 110mm and width breadth of 20mm and height about 80mm.
- At the top we made a wooden cut of length 25mm, breadth 20mm and height 15mm from the left side of block at a distance of 20mm.
- And at the centre of the wooden block we made a square of hole of length 25mm and height 20mm.
- Finally we had use rasp file to make it clear and clean. and also jack iron plane to make wooden piece plane.

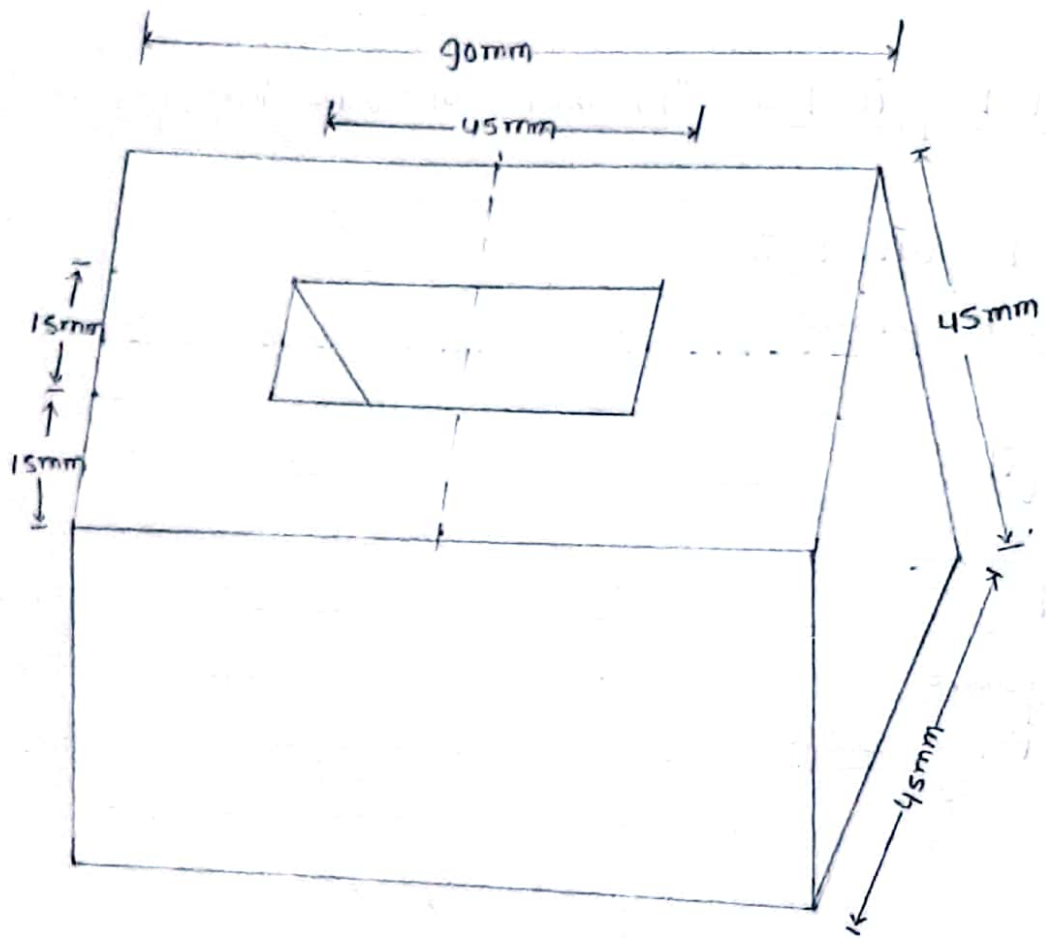


## Wooden Block Workpiece :

Material required : Timber or wooden piece.

## Tools required :

- o Iron jack plane
- o Saw
- o Rasp file
- o Chisle
- o Mallet
- o Try square
- o Engineering scale.

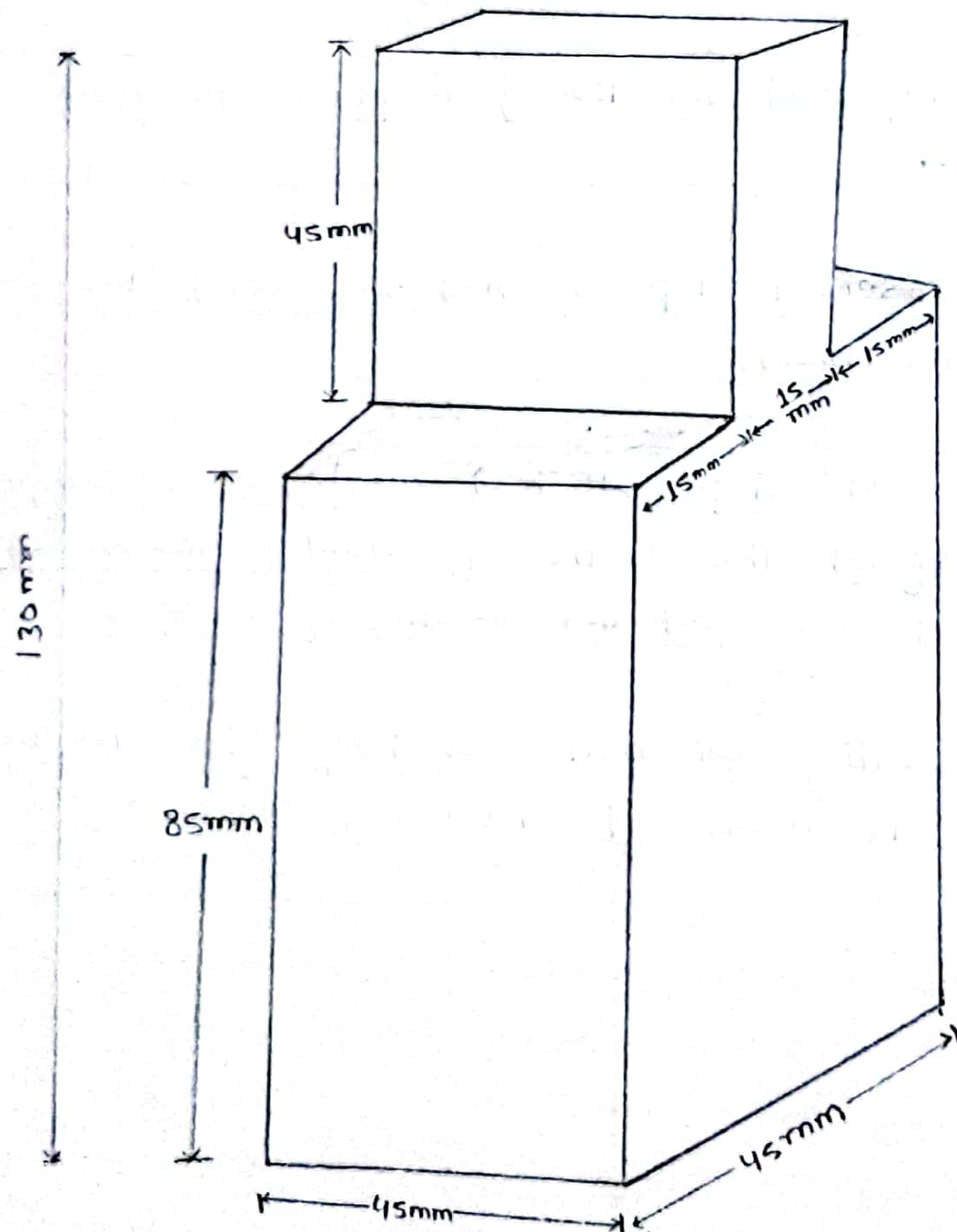


## T - Fitting

- We had taken a wooden block of length = 90mm breadth = 45mm and of height 45mm.
- Firstly we had use iron jack plane to make it plane.
- On the second step we had measured the centre of the block
- On the next step we had made a rectangular hole of at the centre of wooden block of length 45mm and ~~her~~ breadth of 15mm
- After cutting we had used rasp file in between hole to made it clean and cleat.



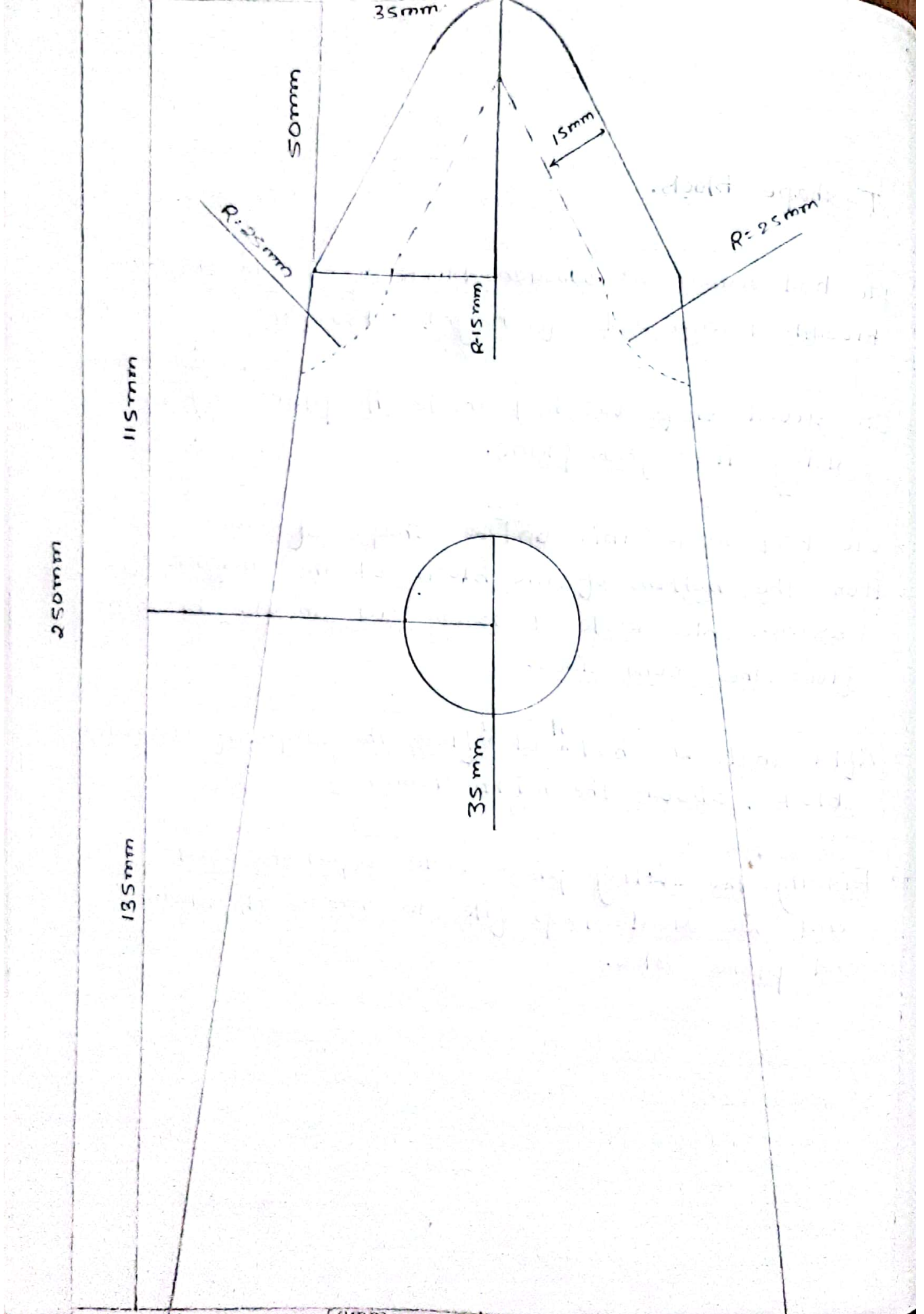
QUESTION - 1



## T-shape blocks.

- We had taken a wooden block of length 45mm breadth 45mm and of height = 130mm
- On second step we had made it plane by using iron jack plane.
- We had made this T-shape structure
- From the bottom of the block at the height of 85mm we made a 15mm cut on the breadth from the both sides.
- After that we had cut it from the top of wooden block, about the height 45mm
- Finally the cutting piece were separate out and we used rasp file to made it clean and plane also.





## Garden hoe weldment :

A garden hoe weldment have largely been replaced in agriculture by plows and tarrrows but are steel commonly used in gardening and hoticulture to loosen soil and chop weeds. The modern tetery hoe is a sophisticated tool that hoes many row of a field simultaneously.

It is also used to dig out weeds, make shallow trenches, and compact the earth in any location.

Garden hoe may also be used for piling up the soil around the base of a plant, cutting up roots and weeds and mixing soil with other soil and fertilizers. An expansive garden demands the use of a garden hoe.

A garden hoe an ancient and versatile agriculture and hoticulture hand tool used to shape soil, remove weeds, clear soil, and harvest root crops.