

Seat No.:

Semester: First

Time: 2 hrs

Maximum Marks: 50

Course: AOII

Instructions: All questions are compulsory.

1. *Figures to right indicate full marks.*
2. *Assume suitable data if necessary.*
3. *Preferably, draw the answer in sequential order.*

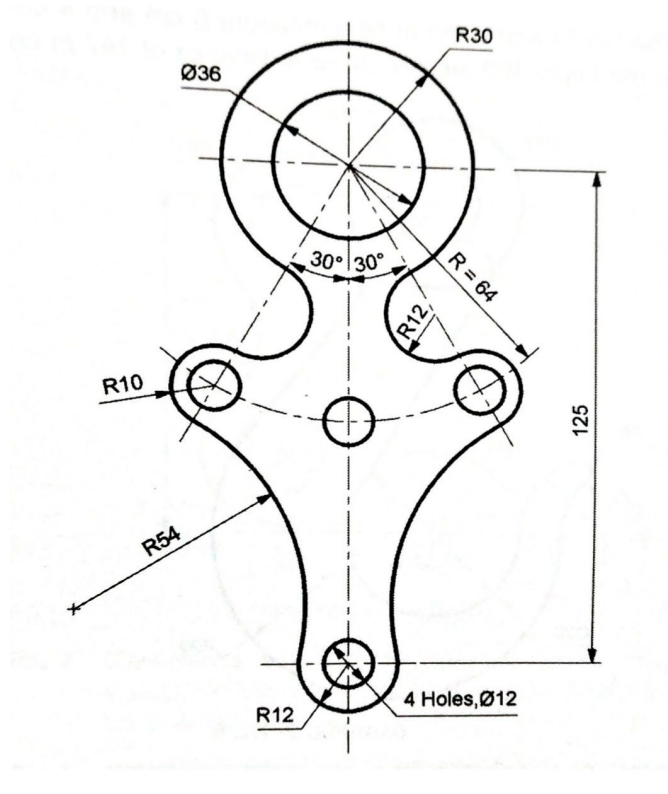
Q1) SOLVED ANY TWO (2 * 2 = 4)

A) Divide a given angle into four equal parts.

B) Give the different types of lines with their uses.

C) Divide a circle of radius 30mm into 12 equal parts using set square.

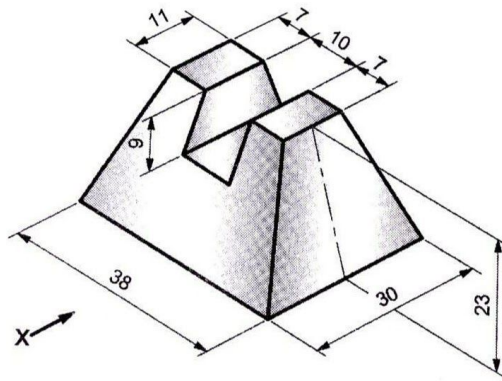
Q2) Redraw the given figure and give the proper dimension [12]



Q3) Solve Any One (Orthographic Projection) [12]

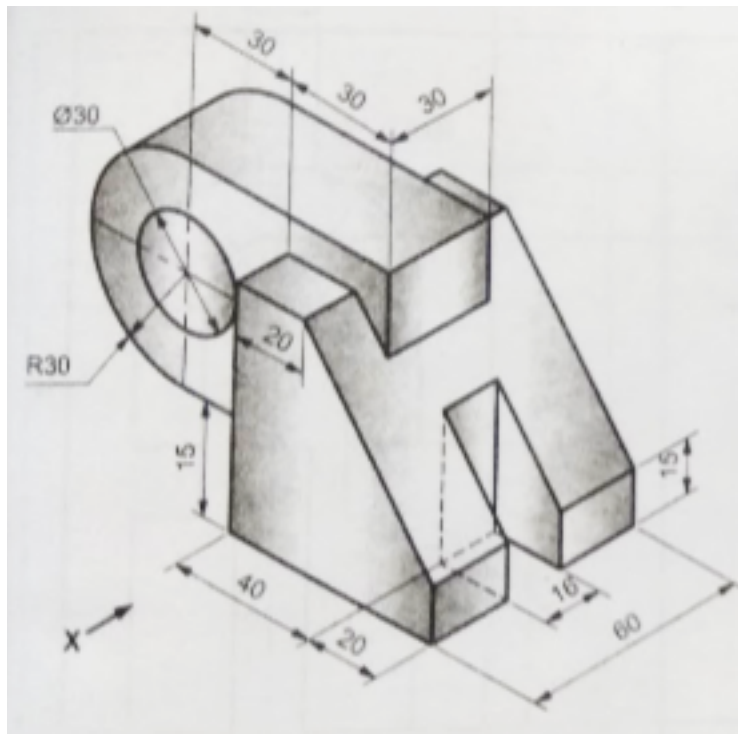
A) Figure shows the pictorial view of an object. Draw the following views:

1. Front view looking in the direction x. 2. Top view



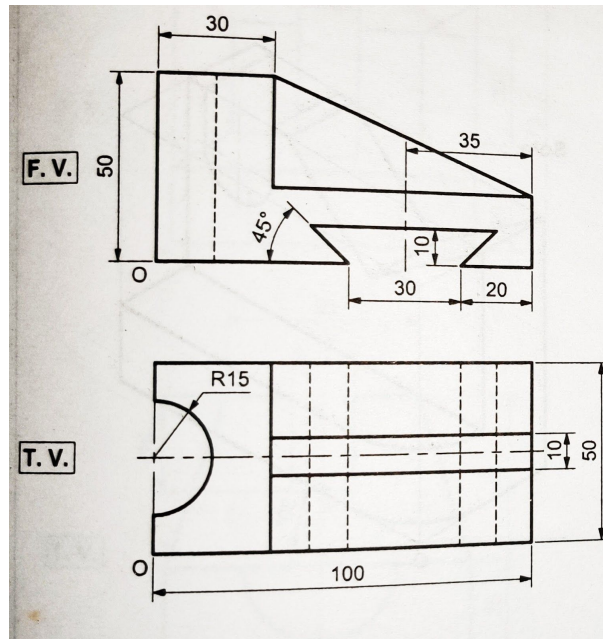
B) Figure shows the pictorial view of an object. Draw the following views:

1. Front view looking in the direction x
2. Side view looking in the direction A

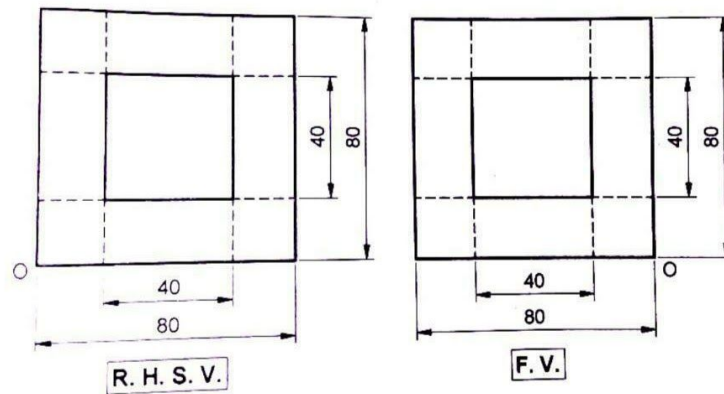


Q4)DRAW ANY ONE OF THE FOLLOWING(Isometric Projection) [12]

A)Draw Isometric view of the given orthographic projection.



B)Draw Isometric view of the given orthographic projection.



Q5)Solve the following (5* 2 = 10)

- Draw an isometric Scale of a length 120mm.
- Give minimum 10 AUTO CAD commands with its use.