

Indian Institute of Technology Hyderabad

Assignment- 4

Course: Engineering Drawing

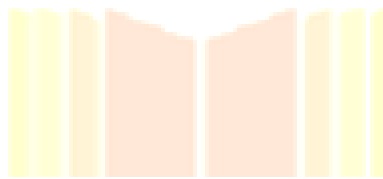
Marks:100

Duration: 4 days

Instructions:

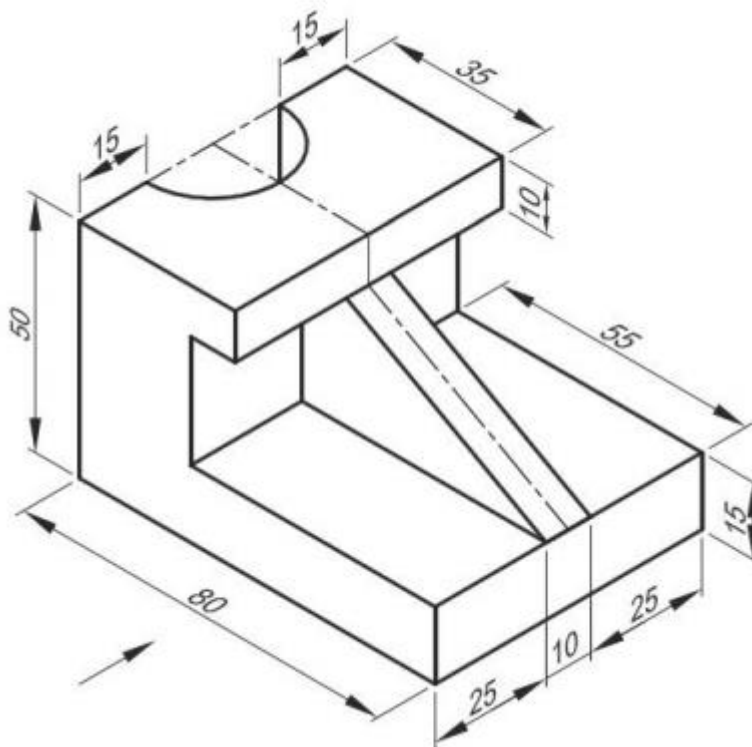
- 1.The Drawing should be in orthographic sheet.
- 2.All the drawings should be neat and clear with proper dimensions.
3. Copying is strictly not allowed and will lead to negative marks.
- 4.Ensure that the scanned copy of answer script should be clearly visible before submitting it.
- 5.File name should be in the format of “ROLL NO_Assign4”

Q. Draw the three views [FV, TV and SV] of the object shown in Figs. Taking direction of arrow for the front view. Use first-angle projections. Assume missing data suitably.



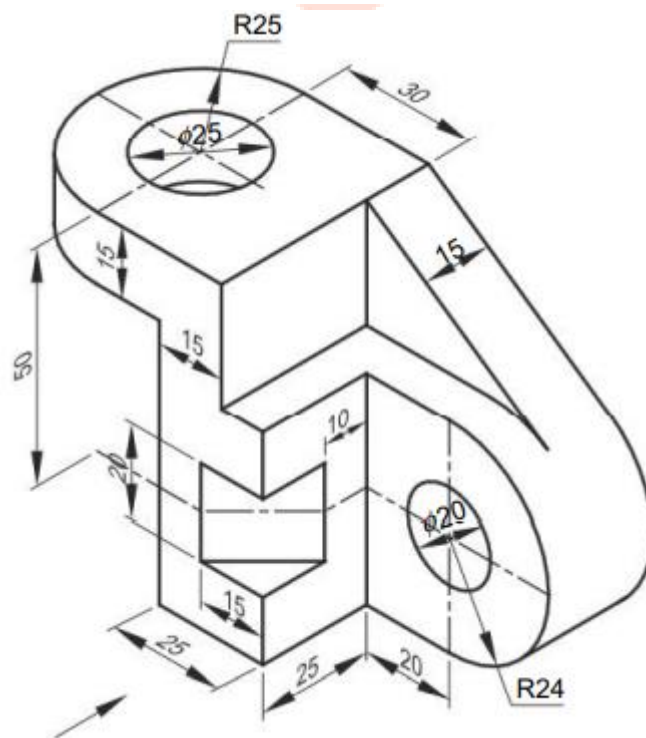
1.

(20 M)



[illegible]

3.



2

Isometric view of a mechanical part. The part has a base with a total length of 50 and a width of 25. The base is divided into two sections: a 25-unit long section on the left and a 25-unit long section on the right. The right section has a height of 20. The left section has a height of 30 and a rounded top with a radius of R20. A circular hole with a diameter of 20 is located in the left section, centered 25 units from the left edge and 25 units from the bottom edge. The part is shown in an isometric view with a 30-degree angle.

5.

