

**ES 101: Engineering Graphics**  
**Semester 1, 2024-25**  
**Exam II (Endsem Exam)**

Date: 24<sup>th</sup> November 2024

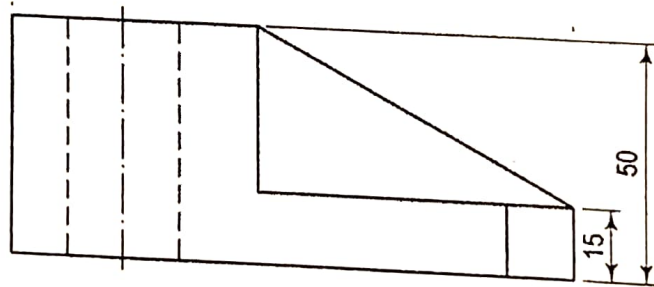
Time: 2:00 PM - 4:30 PM

**Instructions**

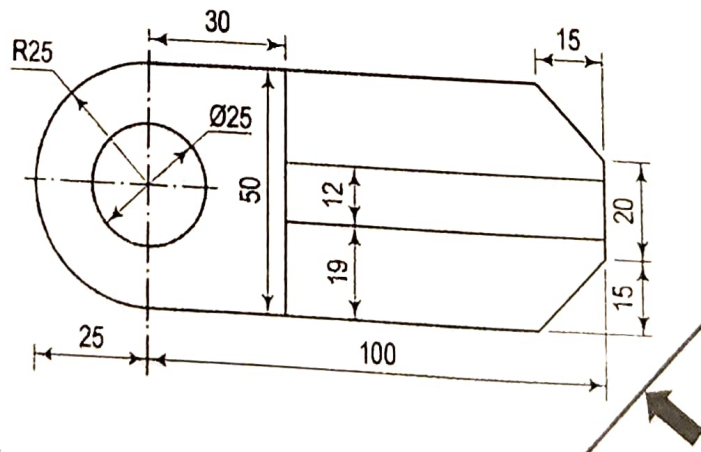
- Write your name, roll number, and group number in the designated space before you start drawing.
- Drawing sheets with incomplete or no details will not be graded.
- Pen must not be used anywhere on the drawing sheet.
- Extra sheets will not be provided.
- Scale should be mentioned below each drawing.
- Dimensioning is not needed
- All dimensions are in mm

Q 1. Draw the isometric drawing of the following component. All dimensions are in mm. (50 points)

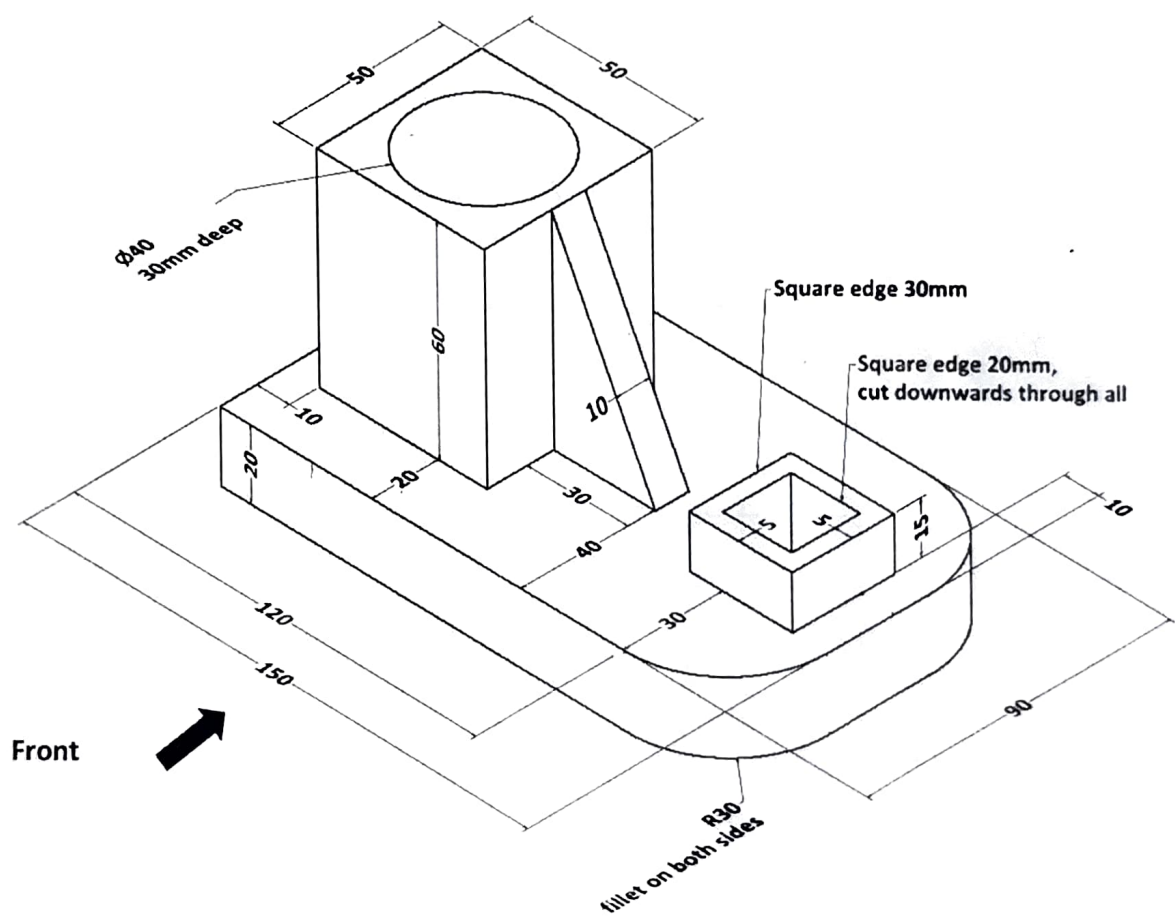
**Front View**



**Top View**



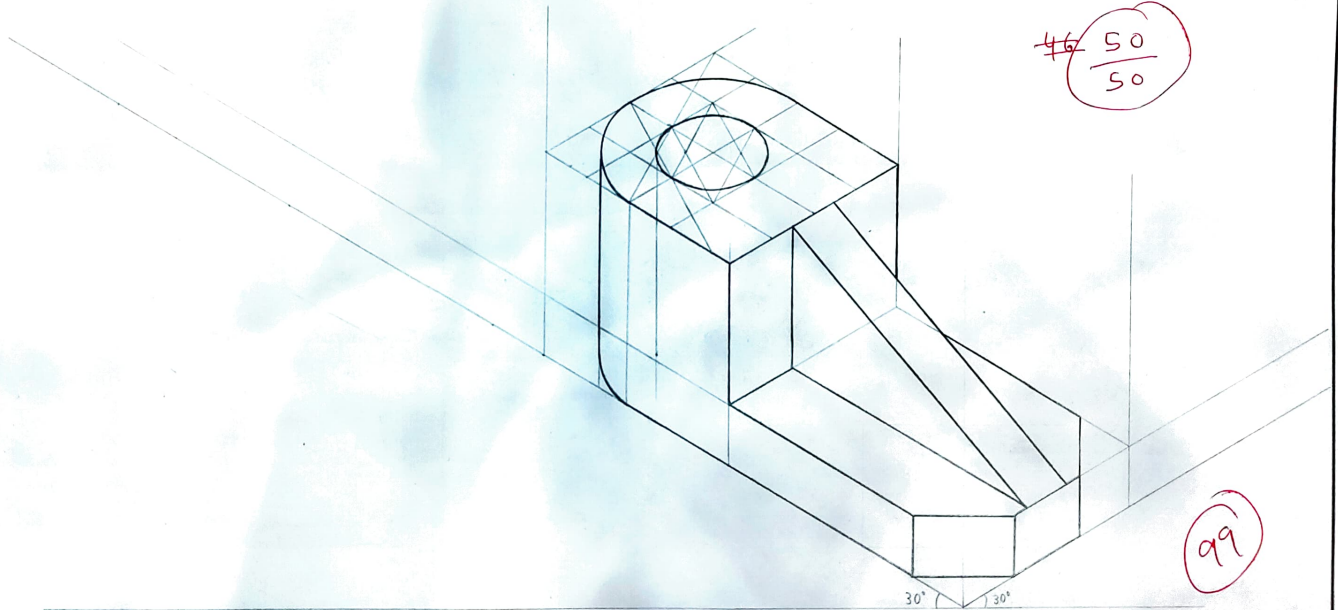
Q 2. Draw the following component's orthographic projections (front, top, and right-side views). In case the location of certain features is unclear, assume symmetry to locate them. (50 points)



Ans 17

SCALE = 1:1

ALL DIMENSIONS ARE IN MM



ES101, SEM I  
AY 2024-25  
IITGN

EXAM II: 24/11/2024

NAME: AKSHIT CHHABRA

ROLL NUMBER: 24110026

GROUP NUMBER: 3

Ans 27

RIGHT VIEW

FRONT VIEW

LP

VP

HP

45°

SCALE = 1:1

ALL DIMENSIONS ARE IN MM

MITER  
LINE

TOP VIEW

Ans: 1  
49/50

