

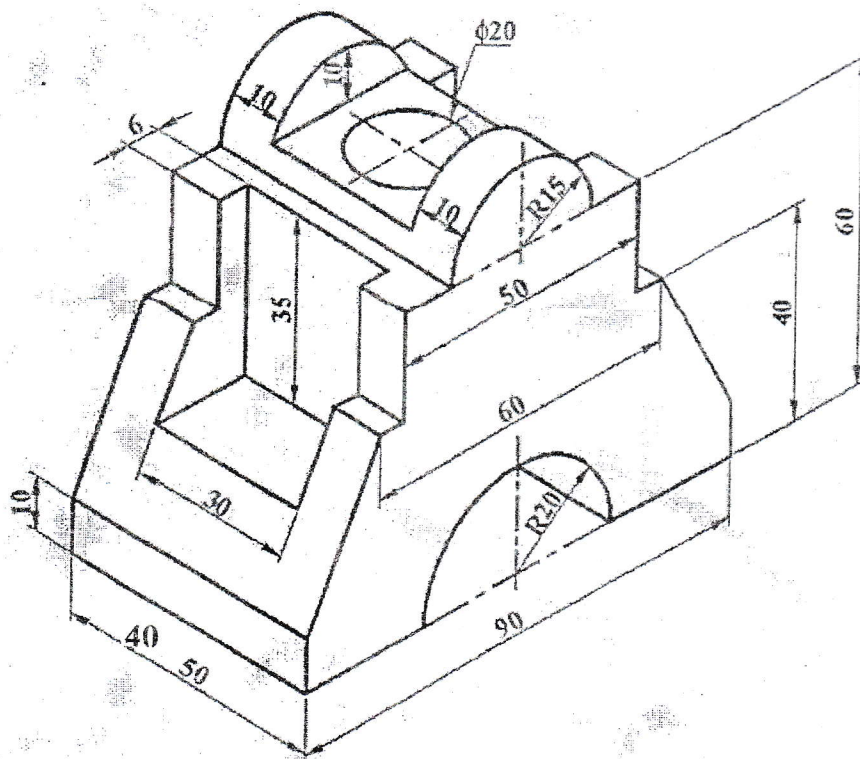
TRIBHUVAN UNIVERSITY
INSTITUTE OF ENGINEERING
Examination Control Division
2078 Bhadra

Exam.	Regular		
Level	BE	Full Marks	40
Programme	ALL	Pass Marks	16
Year / Part	I / I	Time	3 hrs.

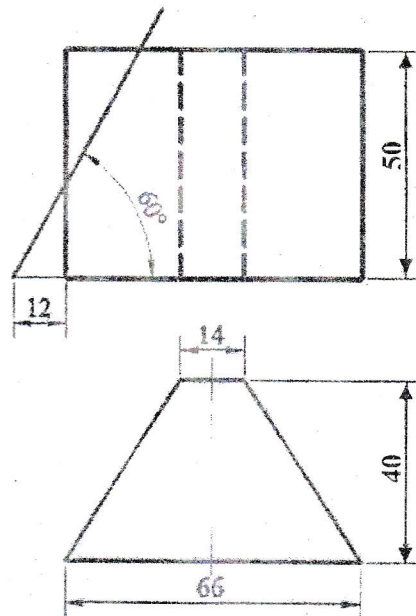
Subject: - Engineering Drawing I (ME 401)

- ✓ Candidates are required to give their answers in their own words as far as practicable.
- ✓ Attempt All questions.
- ✓ The figures in the margin indicate Full Marks.
- ✓ Assume suitable data if necessary.

1. Draw an helix of pitch 60mm and height 90mm on a cylinder of diameter 44mm. [5]
2. A straight line AB 60mm long is inclined to the HP at 45° and its top view makes an angle of 60° with the reference line. Its end A is in the HP and 10 mm in front of the VP. Draw its projections and determine its inclination with the VP. [5]
3. Draw the top view side view and full sectional front view from the given pictorial view in figure given below. Show all the necessary dimensions. [14]



4. Make a complete orthographic drawing of a solid cut by plane as shown in figure below. Find the true shape of the section. Construct the development of surfaces of the solid. [10]



5. Draw a line intersection of the solids given in figure given below.

[6]

