



First / Second Semester B.E. Degree Examination, June/July 2025

COMPUTER AIDED ENGINEERING DRAWING

Time: 3 Hours (COMMON TO ALL BRANCHES) Max.Marks:100

Note: 1. Answer all four full question

2. Grid sheets may be provided for making preparatory sketches

Module – 1		
Q. No.		Marks
1	A circular lamina of 50 mm diameter is standing with one of its points on the rim on HP and the lamina inclined at 45° to HP. The diameter at right angles to the diameter which is passing through the point on which the lamina rests is parallel to VP. Draw its projections.	20
Module – 2		
2	A cone of 50 mm base diameter and 60 mm axis length rests on HP on one of its generators. Draw its projections when the axis is inclined to VP at 30° .	30
Module – 3		
3	A hemisphere of diameter 50 mm is centrally resting on top of a square prism of base side 60 mm and height 30 mm such that the curved surface of hemisphere is touching the top face of the prism. Draw its isometric projections.	25
Module - 4		
4	A square pyramid of 40 mm base edge and 60 mm height rests with its base on HP with all its base edges equally inclined to VP. It is cut by a plane perpendicular to VP and inclined to HP at 60° , passing through the extreme right corner of base. Draw the development of the lateral surface of the pyramid.	25

Examiner 1:
Name:
Signature:

Examiner 2:
Name:
Signature: