
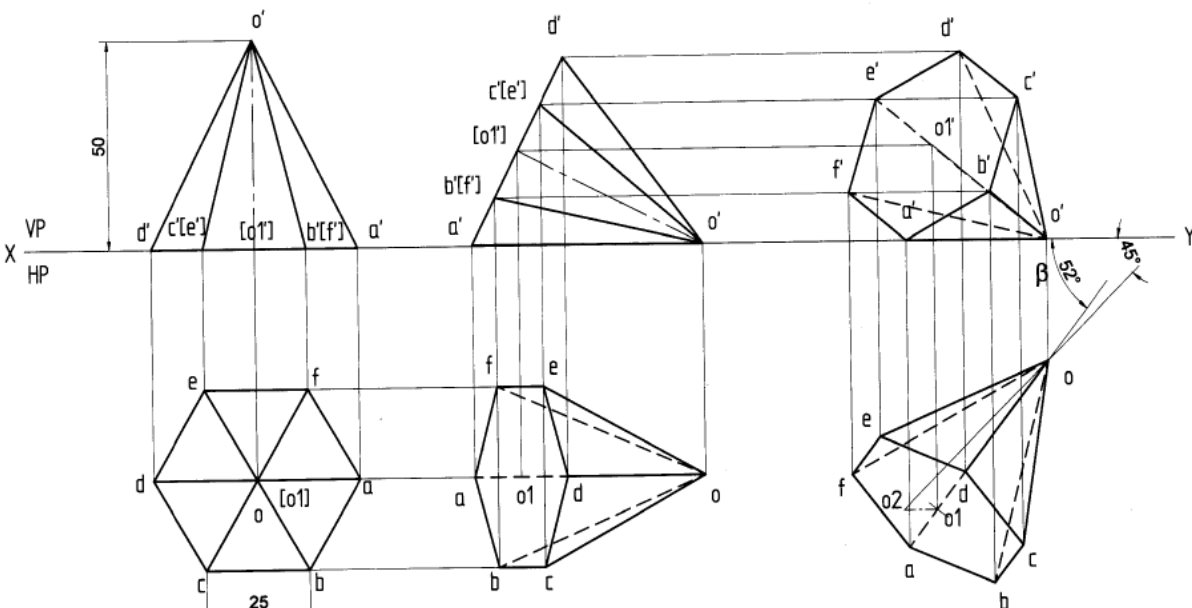
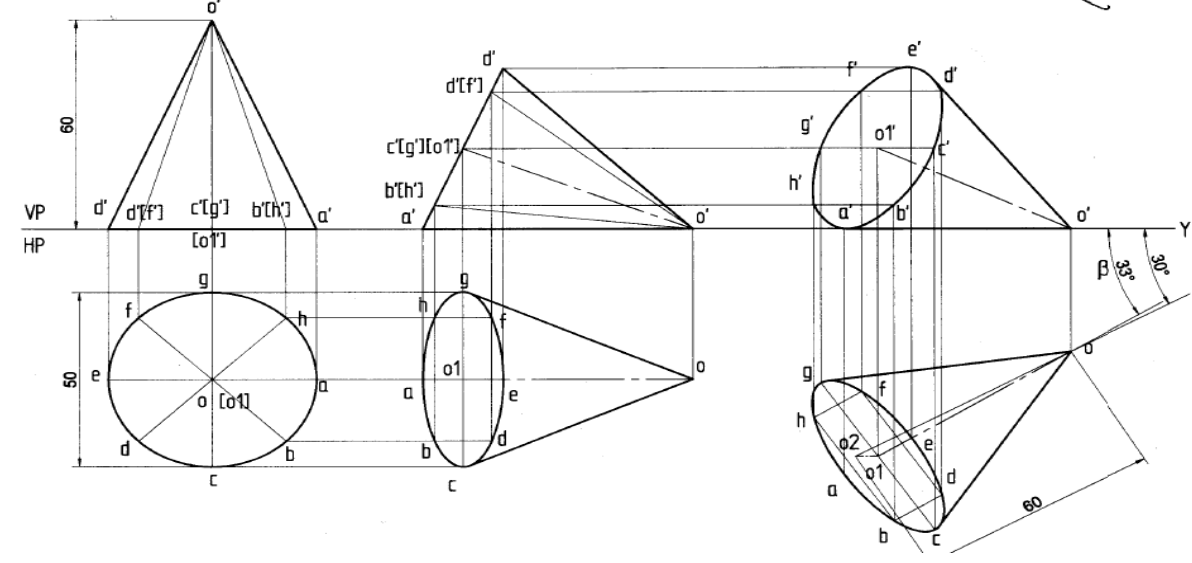


USN	1	P	E							
	PESIT Bangalore South Campus Hosur road, 1km before Electronic City, Bengaluru -100 Department of Basic Science and Humanities									

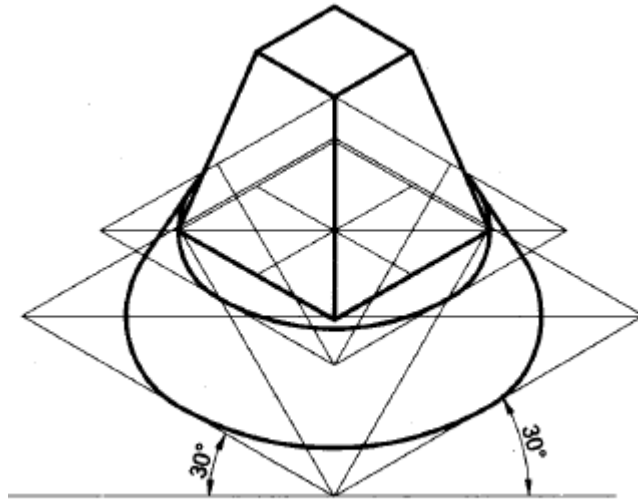
CIA TEST 3		
Date : 16/05/2018	Marks: 60	
Subject & Code: COMPUTER AIDED ENGINEERING DRAWING – 17CED24	Sec : F	
Name of faculty : Varun M	Time:8:00 – 9:30 am	
Note: Answer TWO questions, selecting any ONE question from each part.		Marks
PART 1		
1	A hexagonal pyramid 25 mm sides of base and 50 mm axis length rests on HP on one of its slant edges. Draw its projections when axis of pyramid is inclined to VP at 45 ⁰ .	40 (15+25)
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 axis of cone is inclined to VP at 30 ⁰ .	40 (15+25)
PART 2 (Only Drafting)		
3	A frustum of a Square Pyramid base side 40 mm, top face side 20 mm and height 40 mm is placed centrally on frustum of a cone of base diameter 80 mm, top diameter 60 mm and height 20 mm. Draw isometric projection of the combination.	20
4	A Square pyramid of base side 40 mm and height 70 mm rests symmetrically on a Cube of edge 50 mm, which itself is placed on a cylinder of diameter 80 mm and thickness 30 mm. Draw its isometric projections when all the 3 solids are co-axial.	20

FACULTY: VARUN.M

SUBJECT / CODE: CAED/17CED24

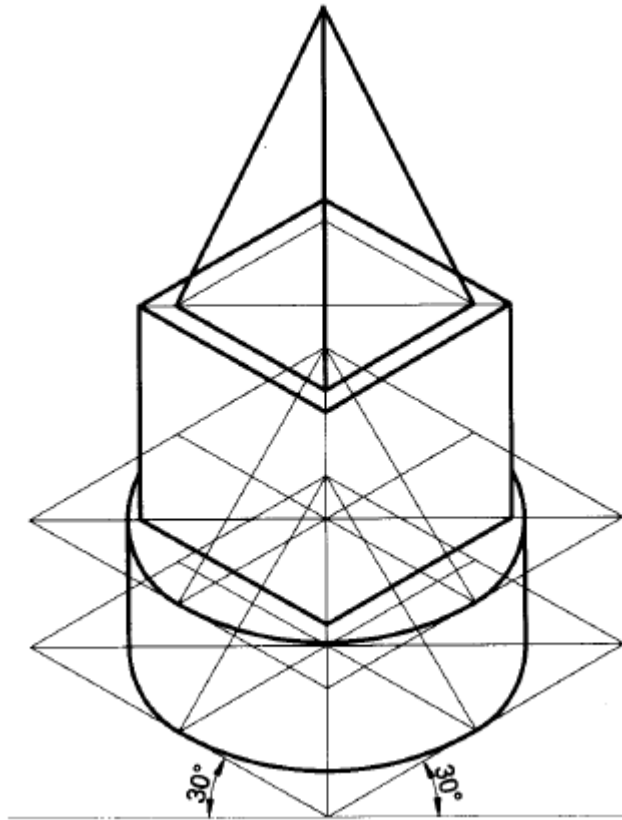
Q.NO.		MARKS
1.		40
2.		40

3.



20

4.



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