0		or Pe	3 P6 P	, P6	P6	PC
		•	17A61	AU188		R16
6	Code No: JA' Time: 3 ho	WAHARLAL N B.Tech I	EHRU TECHNOLO Year I Semester Exam ENGINEERING Common to CE, AE,	minations, Decem GGRAPHICS	nber - 2017 E)	
	, , , , , , , , , , , , , , , , , , ,	, 4.10	Answer all fiv All questions carr			
6	b) The	distance betwee	gon of 40 mm side using two points on a ma	p is 15 cm. The rup to 25km and sl	eal distance bety	veen them is f 18 6 km or [5+10]
		nstruct a hypocy cting circle as 60	OR cloid taking the dian mm.		erating circle ar	nd radius on [15]
6	in a b) A 7 VP.	Dossible position mm long line I The other end (om the H.P. and 50 mm ons. PQ has its end P is 20 Is 60 mm above the d determine its inclina	mm above the H HP and 10 mm tions with the refe	IP and 40 mm ir in front of the V	front of the
6	and	minor axes 60 r	of diameter 60 mm a nm and 40 mm respe to both the reference p	ppears in the from ctively. Draw its	t view as an elli projections whe	pse of major n one of the
	the	ylinder of base d HP. Draw its pro axis is perpendicu	iameter 50 mm and axijections when the axi	s is inclined at 3	n a point of its b) ⁰ to the HP and	ase circle on top view of [15]
6	6. A co	one of base diamined at 300 to the	eter 40 mm-and axis (60 mm-has-one of	its generators in above	the VP and the HP.
	face. the	s on the HP with VP cuts the pris	of base side 30 mm a its axis inclined at 45 sm at a distance of 2	o to the VP. A ve.	rtical section plai	ne parallel to es. Draw its
6.	8. A co	development of	eter 50 mm and axis its lateral surface w HP and bisecting the a	60 mm is resting hen it is cut by	on its base on the an auxiliary in	ne HP. Draw clined plane [15]
	Pe	PE		P6		P6
					• 4.4	

A hexagonal pyramid of base side 30 mm and axis 60 mm long has an edge of its base on the HP. Its axis is inclined at 30° to the ground and parallel to the VP. Draw the isometric view of the pyramid in the stated section. [15]

The front and top views of an object are shown in figure. Draw its isometric yiew. 10. All the dimensions are in mm only. R16 R18 30 16

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P6 P6 P6 P6 P6 P6 F

P6 P6 P6 P6 P6 P6 P6 F