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	First Semester B.E. Degree Examination, December 2017										
	COMPUTER AIDED ENGINEERING DRAWIN9										
	Time:	3 Hours	5	(COMMON TO ALL BRANCHES)				M	Max. Marks: 100		
Note: <i>I. Answer thtdelfigt questions.</i> 2 Use A4 sheets supplied.											
	3. Draw to actuars.cale. 4. Missing data, if any, may b assumed suitably.										
1.	a. A]	A point G is 25 mm beloW & is situated in the third 04drant. Its shortest 10 Marks distance from the intersection; of),(Y and X1Y1 is 45mm. brilk,its projections and find its distance from VP.									
	b.	The top of VP aı HP. Dra	view of nd 15 m w the pr	a line 75 mr m above the ojections of t	n long, mea HP. The,-o he line ind:	asures 50 mr e'nd Q is 15 ' p4d its true in	n.`fhe end ma in fron nclinations	P is 30 mm i t of VP and a with HP and V	n front bove VP.	20 Marks	
1.	,	The top 30mm x VP. Dra the surfa	o view o 20mm v w the top ice of the	of a square vith the long p and front lanainaavi	lamina er sid vinn of th	OA, of side:.:'30 .v, rectatiglv- squarelaon	mm is a r being para a. What is	tik ectangle of s illel to both HI the inclinatio	sides Pand ort.bf	30 Marks	
2,		A Hexag of its edg 45° and a	onal pris ges. Dra appears t	sm 25mmati w the projec to be inclined	aSo asions/0 the 1 ⁻ to',VP 40	e- and 50mm prism when	axes:lengt the aXii ⁺ i	h rests on HF s inclined to F	? on one HP at	e 40 Marks	
3.]] 1	A pentag base on l collowing	gonal pr HP with ; front vi	ism of base a base edge. evv.15raW tl	sides 20 m parallel to ne developn	m and heigh the VP. The p nent of the lat	t of 40 mm orism is Cn eral surface	is resting wi as'' shown ir of the prism.	th its 1 the	30 Marks	
				MMM	9 9 ₽ ₽						
3.	ı I İ	An equil rectang isometri	ateral tr ular face c project	iangular pri e on top of a ion of the co	sm base sid square sla mbination.	OR le 30mm and lb side 70mn	length 70n 1 and 25m	nm is resting o m thick. Drav	on its w the	30 Marks	