							Q6	Q6	
Code	No: 09A102						<b>R09</b>	Q6	
	JAWAHA		HRU TECH Sech I Year H ENGIN		is, May/Ju		HYDERAB	SAD	
		6 (Cor	nmon to EE			M, ICE)			
Tin	ne: 3 hours	,		,	<i>· ·</i>		Marks: 75		
			Answe	er any five q	uestions				
			All quest	ions carry e	qual marks	S			
			6 Q6	06	Q6				
1.		•	is wound arc urve traced o						
	around the Name the		one revolutio	on keeping t	he string a	lways in	contact with	the disc.	
2.	and 8 mm.	infront of	ng, is incline V.P. Its from s inclination v	t view measu					
				06	06				
3.	containing	the corne	is resting on r is inclined	at $45^{\circ}$ to the	e H.P. The	top view	of the axis	makes an	
	-	is 70 mm	Draw the pro	jections of th	os solid whe	an the edg		Q8	
4.			id of 30mm s edges is para			-			
	V.P and ir	clined at 6	50 degrees to nt of the later	H.P and pas	sses through	n a point 2	20mm below		
5.	A vertical	cvlinder	of 60 mm c	os liameter hei	oht 100mm	os n is penet	cos rated by a	06 horizontal	
	cylinder o	f 35 mm. c	lia and 100m y 5mm. Drav	m. length, w	hose axes i	s parallel	to V.P, such	n that their	
	cylinder is	nearer to t	the observer						
6.	the top fac		rojection of a ated square p cm.				A second se	the second se	
7.	Draw three	e views for	the compone	ent shown in	Fig.1				

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			0.0		020 2 HOLE	S, DIA 10					Q
			$\langle \rangle$	60	K "	Q6					Q
			2 A	12 12	de 15	1=					Q6
			H-F	100	$\mathbf{Y}$	06					Q6
			0.6		and the	F19.1					Q
				All dimens	sions are in	n mm					
<b>0</b> 6 8.	A rec	ctangular	block of 20	mm×30mi	n×60mm i	s resting o	n the grou	nd on one	of its large	est	
	faces	s. One of i	its vertical one picture p	edges is in	the picture	e plane and	l the longe	r edge is ii	nclined at a	an	
	mm		ground pl								
				06	****	Q6					
			Q6	06	<b>C</b> 6	)					
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			Q6	Q6	Q6						