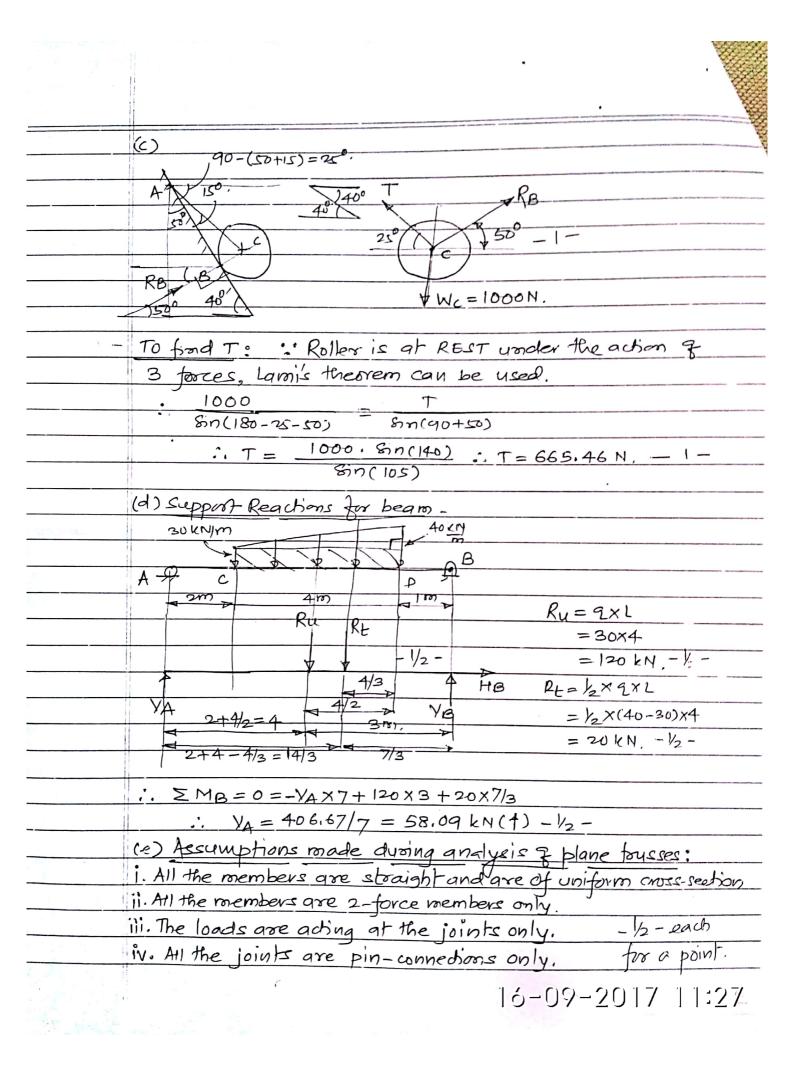
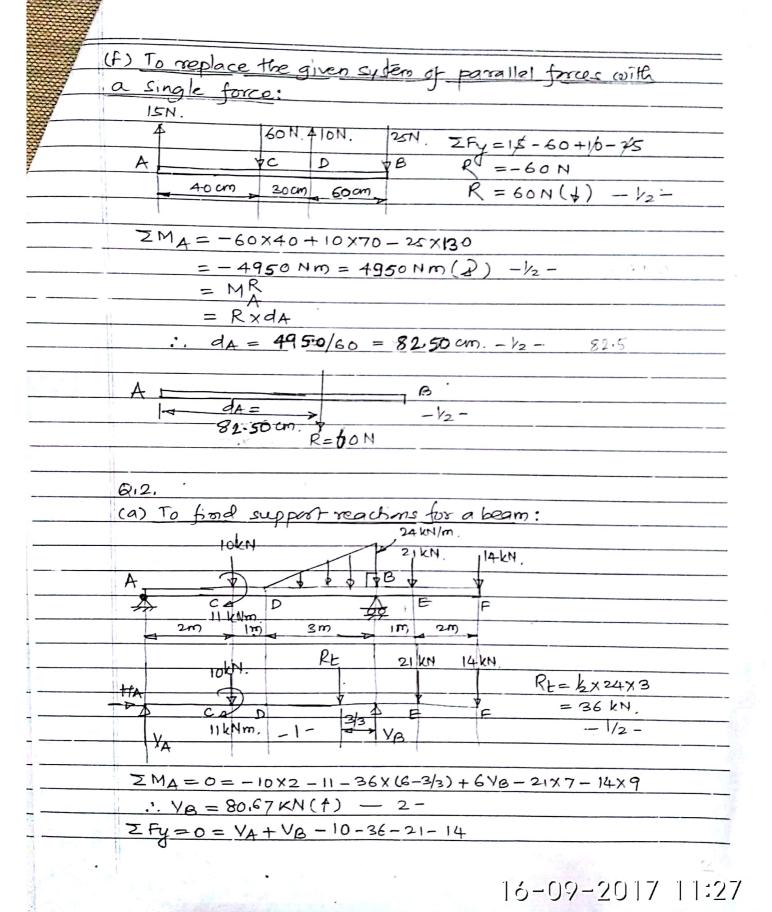


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	: VA+YB=81					
	$\therefore V_A + V_B = 81 - 80.67 = 0.33 \text{ kN (4)} - 1 -$					
	$\Sigma F_{\alpha} = 0 = HA$					
	-1. $17A = 0.$ $-1/2 -$					
	(b) Finding contact reactions-					
	300+4co					
	50 700 580					
<u> </u>	50° Mm 50° STO					
	$\frac{1}{100}$ $\frac{1}$					
	FBD & soller A'					
	RAP I RA					
	44.42° 50°					
-	50.					
	RE T					
	500N. 500N.					
	500 RE RAB Sin(180-44.42-50) Sin(90+44.42) Sin(90+50)					
699.16	0 - 500 x 8n 1821,42					
698.14	Sin 8558 = 358.18 N.					
322.35	RB = 500 X 8in 140 8in 85.58 = 322,35 N, -1-					
	FBD & Roller B					
	RAB RE RO					
	400 500					
	50					
	RD 800 N RE 15-09-2017 11:28+					
The state of the	80014. 2 10-04-2017 11.204					

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					•
	(III) Joint E' -	and and	spection 3 =0. = FED = 24	100N(T).	
	Q3 (b) Locate +	he centroi	∂.		
	O lô ch	T T	20cm	2020 2	
Part	Area (Gni24)	di (can)	Vi (cm)	Aizi (cm3)	Ai pi (cm3)
Square	400 cm2-	20		M 8000	4000
Of Circle	78-53 cm2-	24.240	24-26	IM 1903.57	1903.8
Rectangle	100° Cv-2	15		1M 1500	2500
Triangle	1150 cm2	6.668	20:		3000.4
	ZAi - 728 52 Cm		-	EAiri=12403.2	6 cm3
	211-920)200			ZATY12 11403	
Miles I	ν= ΣΑiγω		7 - 5	- Aiyi	
	Σ= ΣAiγί ΣAi		•	SAP.	
	= 17.05	(m IM	5	15-652 (m	1 M
		endroid (17.025 11.15.	- 09 -2017	11400
			, 10-	-04-701/	 ' \\Z\\^