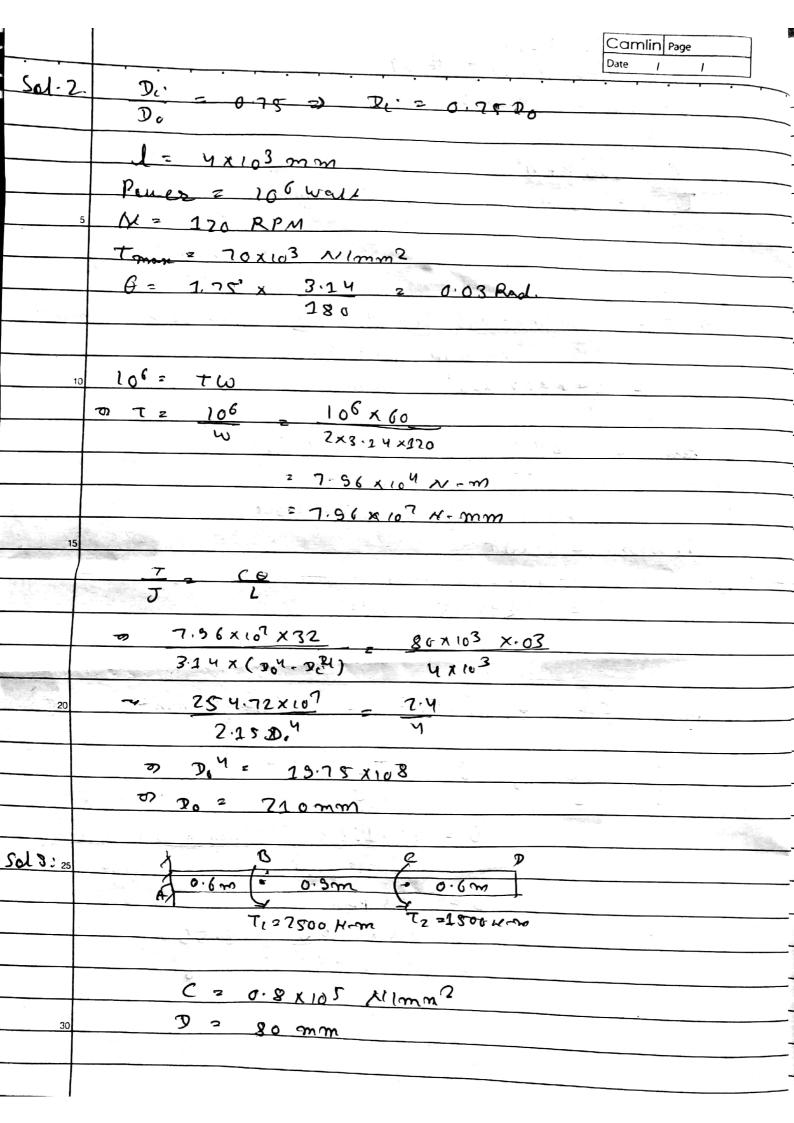
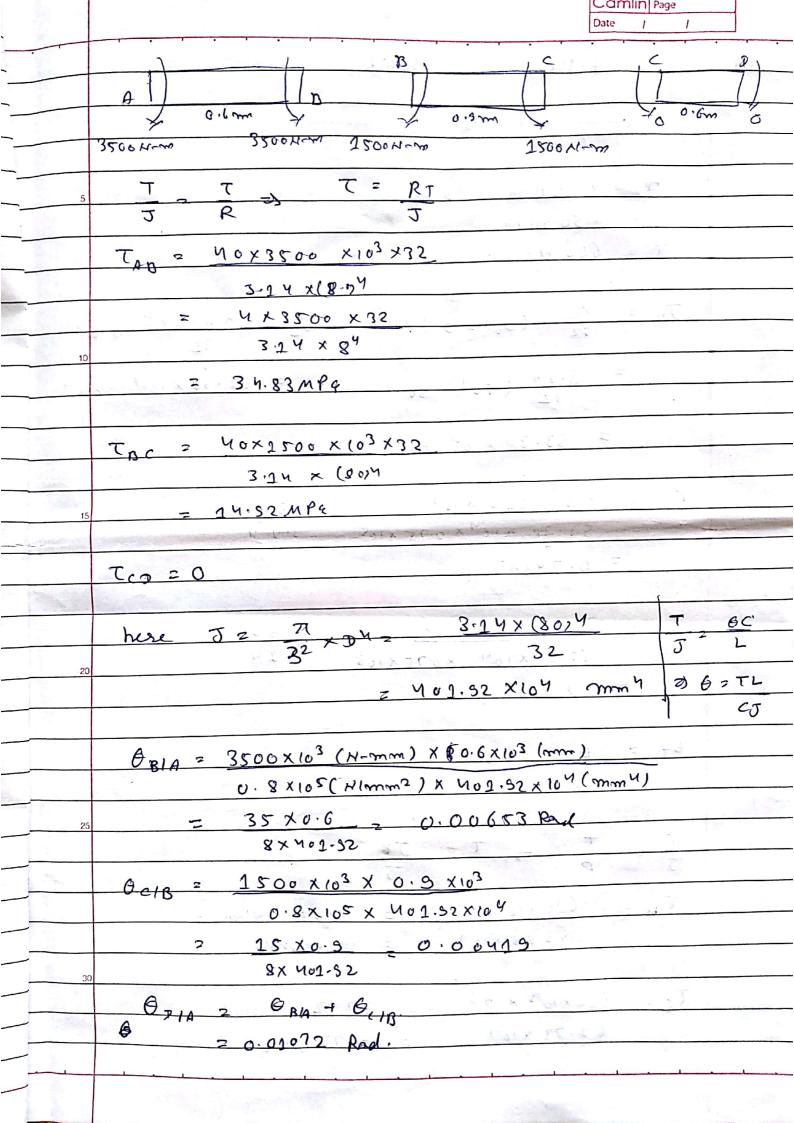
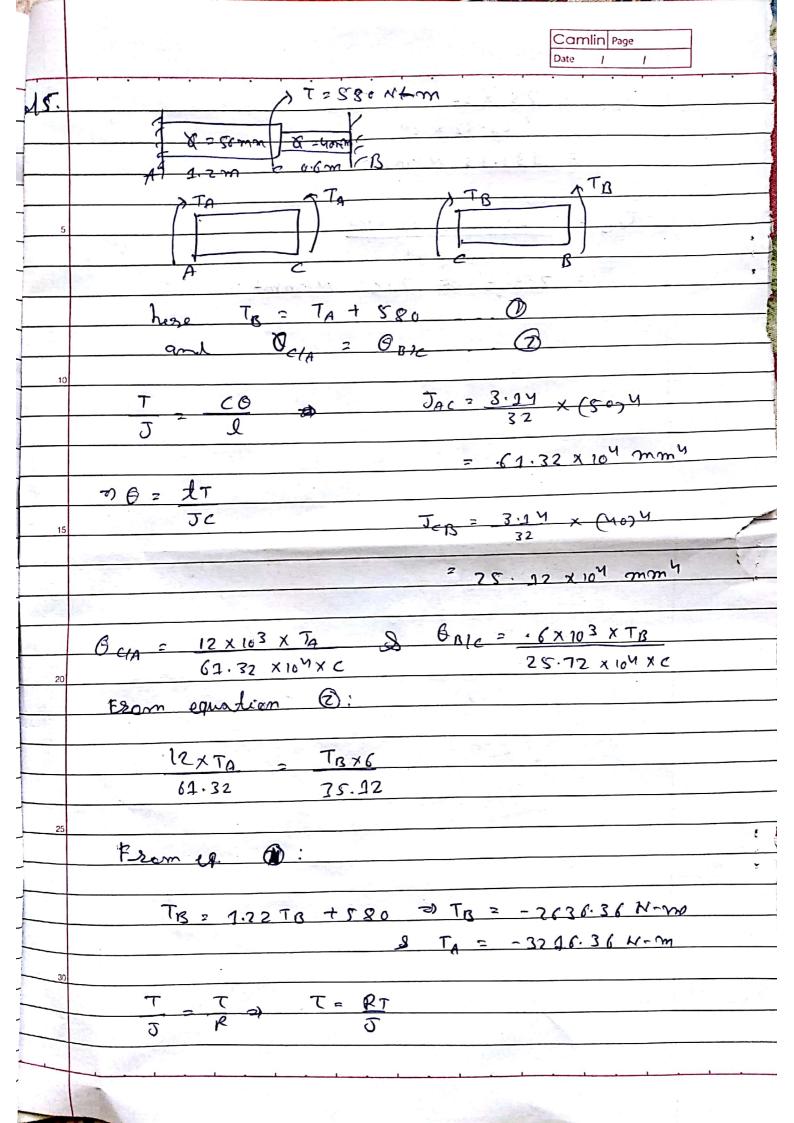
	Harshit thandelwal	
	160ME017 Assignment # 07	<del>.</del>
Sol. 1	l=5m= 5x103mm	2
	D = 50 mm	
	N = 600 RPM	
	True = 60 MN/m2 = 60 N/mm2	
5		
*	T = 3:14 x (50)4	
	J 2 R	
	=> T = 60 N/mm² X 61.32 x 104 mmy = 61.32 x 104 mm 4	
1	25 mm	
10	= 147.168 x104 N-mm	
- Line	Par W = 27N 2x314 x 600	
	The second secon	
and the second	= 62.8 Roel/Bla	
15	Power = WT	
	= 1471-68 H-m × 62.8 Rad/see	100
	= 92421.5 Wall	_
-	= 92.5 KW	_
,-		lia.
	here C = 80 W/m2 = 80x103 N/mm2	
20	PLACE TO THE PARTY OF THE PARTY	
	T CO S G = TL	
	J L J C	
	0 = 147.168 X104 N-mm X 5 X 103 mm	
25	61.32 × 104 mmy × 80 × 103 1/mm	2
ř	8 = -15 Rad	
and the same	= ·15x 180 = 8-599	
T.,	3.14 - 8.86	
	3-30	
20		





Camlin Page Soly. Solid 35 cm To = D = 50 mm & Di 2 30 mm T = 680 N-m JH = 7 × (DM - D, M) B3 = 3.2 M × 628 7 104 = 3.24 (504 304) = 61.33 × 104 mm = \$3.38 × 10 M mm M BH = 250 x GRO X 103 180 = 0.2434 180 Os = 350× 680 × 103 × 62-33×104 ×075×105 2007 366 38.100 OT 2 BH + BS t From O. S. Y. X II. CON X & Francis D. POLY TO D  $\frac{T}{J} \stackrel{\tau}{=} \frac{T}{R} \stackrel{\tau}{=} \frac{TR}{T}$ TH = 680×103×75 = 31-8+ Mlmm2 53.38 X104 = 31.85MP4 Ta= 680×103×25 - 27.72 ×1mm2 62.33 X104 = 27.72 MP4



		Camlin Page
		Date / /
	TAC = 75 x 3226.36 x 103	1.3
	61.32×104	in the second se
~	= 131.13 N/mm²	7
<u> </u>	ara	
5	TeB = 26x 7636. 36x103	
•	25.22 × 104	
,	= 703.9 × 710 N/mm²	1
	Tera Tara Secret	1
10		