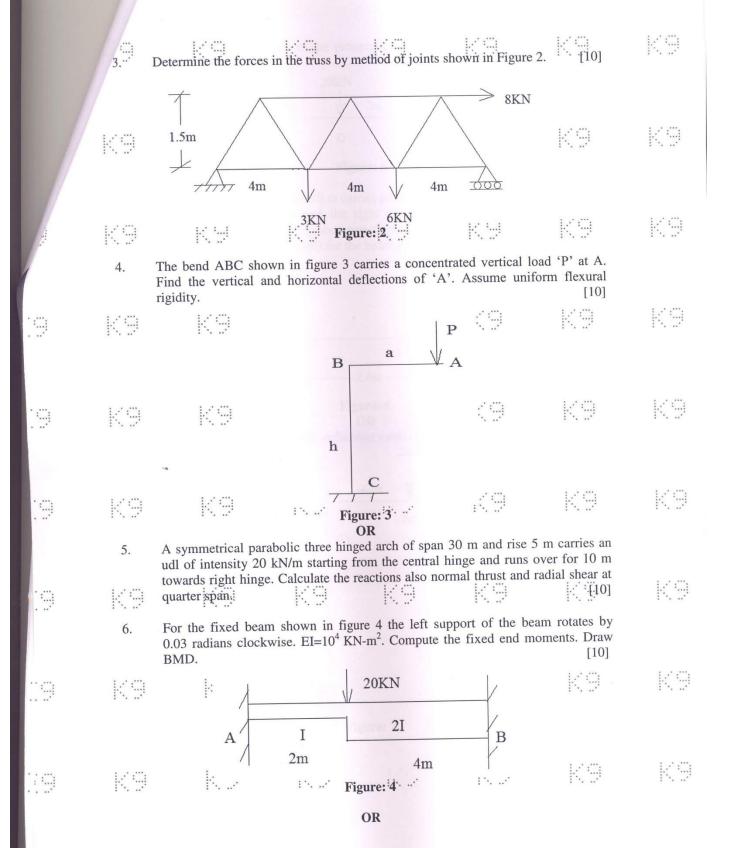
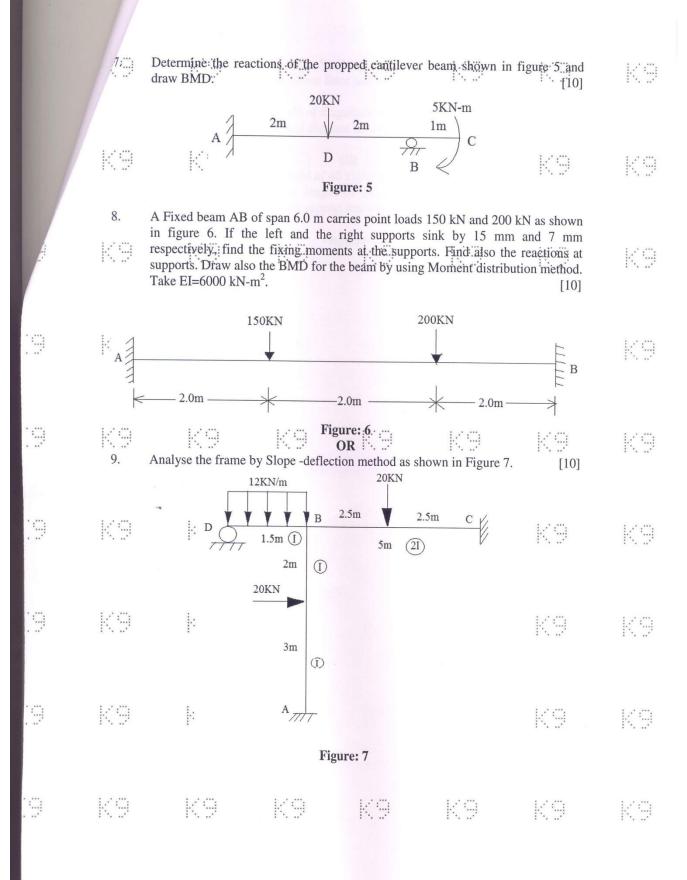
. . . x x





	10.a)	An uniform load of 2000 N/m, 5 m long crosses a girder of 20 m span from left to right. Calculate the Max. Shear force and bending moment at a section 8 m from left hand support. A train of three wheel loads of magnitude 45 kN, 90 kN and 90 kN passes over a span of 40 m. The horizontal distance between the loads is 5 m and 10 m. Find the greatest bending moment. [5+5] An uniformly distributed load of 40 kN/m and of length 3 m transverse across the					K9
	b)						K9
₩.	11.	An uniformly distributed span of simply simp	upported length	of 18 m. Cor	npute the maxin	erse across the mum bending [10]	
	K9	K9	K90	oOoo	KЭ	K9	KS
·!	KW	K9	K9	K9	K9	K9	K9
****	K9	K9	К9	K9	K9	K9	K9
		3					
•	KS	K9	K9	K9	K9	K9	K9
.···.	1 2 200	: v.m.	1.2.5%	1 2000	1.2.5%	a viveo	1.2.7%
	B.W	K#	KJ	K.T	K.W	KU	K.'d
	KS	K9	K9	K9	K9	K9	K9
	KO	K9	K9	K9	K9	K9	K9