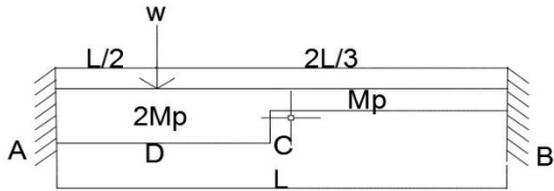
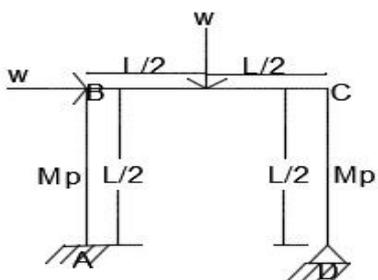


	rafter are arranged at a distance of 1.35m c/c .The pitch of the trusses is 0.2m.Design a section for a purlin		
C)	Explain types of trusses and their load combinations used in analysis	CO3	6
Q.4	Solve Any Two of the following.		
A)	Design a built up column with single lacing system to carry a factored load of 1800 KN .The length of the column is 8m.It is effectively held in position at both ends and restrained against rotation at one end.	CO2	6
B)	Design a gusseted base connection for a column ISHB 450,5m long with cover plate of 400x20mm on both faces.The column carries a factored load of 5500 KN .Foundation block is made of M20 grade concrete.	CO2	6
C)	Explain slab base, gusseted base and moment resisting bases.	CO4	6
Q. 5	Solve Any Two of the following.		
A)	 <p>Find the collapse load for a beam</p>	CO2	6
B)	 <p>Find the collapse load for a beam</p>	CO2	6
C)	State the approach on plastic analysis and limit state analysis	CO1	6
	*** End ***		