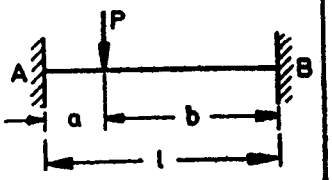
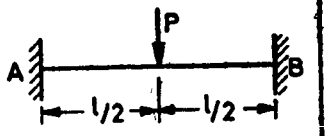
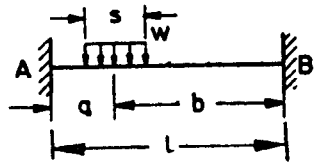
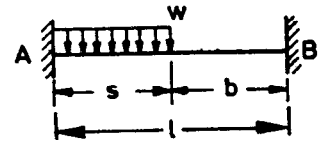
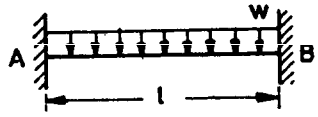
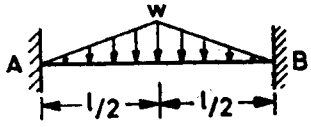
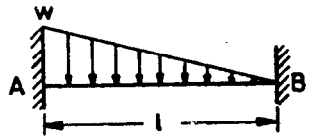
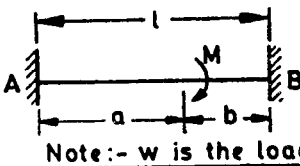
Table 97 FIXED END MOMENTS FOR PRISMATIC BEAMS

LOAD TYPE	M_{FA}	M_{FB}
	$+\frac{P a b^2}{l^2}$	$-\frac{P a^2 b}{l^2}$
	$+\frac{Pl}{8}$	$-\frac{Pl}{8}$
	$+\frac{ws}{12l^2}[12ab^2+s^2(l-3b)]$	$-\frac{ws}{12l^2}[12a^2b+s^2(l-3a)]$
	$+\frac{ws^2}{12l^2}[2l(3l-4s)+3s^2]$	$-\frac{ws^3}{12l^2}(4l-3s)$
	$+\frac{wl^2}{12}$	$-\frac{wl^2}{12}$
	$+\frac{5wl^2}{96}$	$-\frac{5wl^2}{96}$
	$+\frac{wl^2}{20}$	$-\frac{wl^2}{30}$
	$-M\frac{b}{l}(2-\frac{3b}{l})$	$-M\frac{a}{l}(2-\frac{3a}{l})$

Note:- w is the load per unit length

Table 98 DEFLECTION FORMULAE FOR PRISMATIC BEAMS