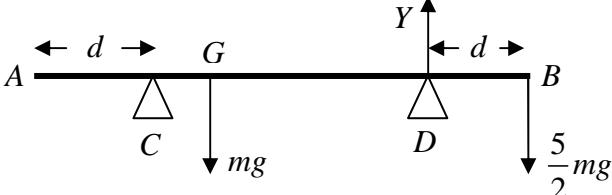
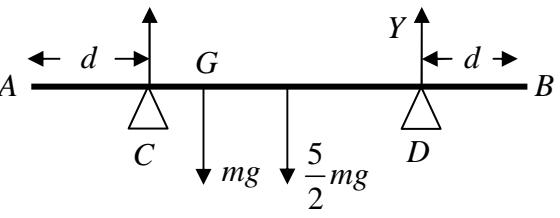


Question Number	Scheme	Marks
4 (a)	 <p> $M(D)$ $mg \times GD = \frac{5}{2}mg \times d$ $GD = \frac{5}{2}d$ * </p>	<input type="checkbox"/> M1 A1 <input type="checkbox"/> DM1 A1 (4)
(b)	 <p> $M(C)$ $mg \times \frac{d}{2} + \frac{5}{2}mg \times \frac{3}{2}d = Y \times 3d$ Leading to $Y = \frac{17}{12}mg$ </p>	<input type="checkbox"/> M1 A2(1, 0) <input type="checkbox"/> DM1 A1 (5) 9