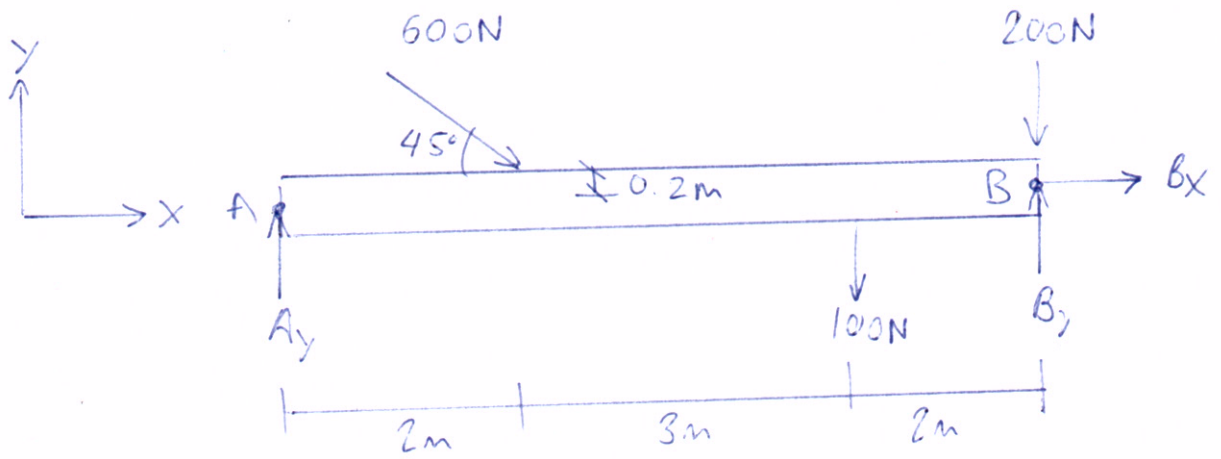


Q4



$$\sum F_x = 0 = (600)(\cos 45) + B_x$$

$$B_x = -424 \text{ N}$$

$$\sum M_B = 0 = + (100)(2) + (600)(\sin 45)(5) - (600)(\cos 45)(0.2) - A_y(7)$$

$$A_y = 319 \text{ N}$$

$$\sum F_y = 0 = 319 - (600)(\sin 45) - 100 - 200 + B_y$$

$$B_y = 405 \text{ N}$$

Q5

