$$+ [0.6\cos 60\hat{i} + 0.6\sin 60\hat{j}] \times [-N_B\hat{i} - 0.3N_B\hat{j}]$$

$$= \frac{ml^2}{12}\vec{\alpha} = \frac{5}{12}(0.6^2)(10\vec{k})$$

Processing

$$-0.6N_A\cos 60 - 0.6N_A(0.3)\sin 60 - 0.6(0.3)N_B\cos 60 + 0.6N_B\sin 60 = 1.5 \quad \text{or}$$

$$\rightarrow \quad -0.46N_A + 0.43N_B = 1.5 \quad \text{---}$$

$$\rightarrow \quad N_B = 3.49 + 1.1N_A \quad \text{---} \quad (4)$$

Subst in (3)

$$N_A - 5(9.8) - 0.3\left[3.49 + 1.1N_A\right] = 7.5$$

$$N_A \simeq 86 \quad (1)$$

$$\rightarrow \quad N_B \simeq 98 \quad (2)$$

From (2)

$$P \simeq 137\ N \quad (2)$$