## Homework Problem H 4.A

Given: Bar BCA is loaded as shown.

## Find:

- a) Determine the angle  $\theta$  that maximizes the moment about point B in the CW direction.
- b) Determine the angle  $\theta$  that minimizes the moment about point B.
- c) If  $\theta = 75^{\circ}$ , what is the moment of the force about B.

