

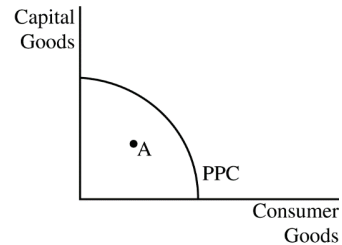
Question 3: Short**5 points**

- (a) Calculate the number of people that are unemployed as 63,000 and show your work. **1 point**

$$\begin{aligned}\text{Unemployed} &= \text{Unemployment Rate} \times \text{Labor Force Participation Rate} \\ &\times \text{Adult Population} = 9\% \times 70\% \times 1,000,000 = 63,000\end{aligned}$$

- (b) State that the country of Zeta is currently experiencing a recessionary gap and explain that the current unemployment rate (9%) is higher than the natural rate of unemployment (5%). **1 point**

- (c) Draw a correctly labeled graph of the production possibilities curve (PPC) for Zeta that shows point A below the PPC. **1 point**



- (d) (i) State that the labor force participation rate will decrease and explain that the labor force will decrease because the workers who stopped looking for employment are no longer considered to be unemployed. **1 point**

- (ii) State that the unemployment rate will decrease. **1 point**

Total for question 3 5 points