

- viii. Suppose that this consumer learns at time $t = 1$ that she will get a pay raise in period $t = 2$.

What will happen to the consumer's choices for C_1 and C_2 compared to the baseline scenario where there is no change in pay. Explain with detail.

- iii. Use a diagram to show how this shock affects the labor market in Afrikaland. What happens to labor input (L), assuming it is **elastically supplied**? What happens to the real wage rate (w/P) in Afrikaland? Explain all steps in your answer with detail.
- iv. What happens to output (Y), consumption (C) and investment (I) in Afrikaland? What happens over time to the stock of capital (K) in Afrikaland? Explain all steps in your answer with detail.