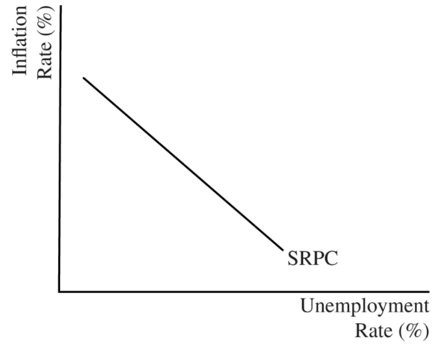
Question 2: Short — 5 points

(a)	Calculate the nominal GDP in Maltrose in year 2 as $210 and show your work. $\text{Nominal GDP}_{\text{Year 2}} = (\$13 \times 10) + (\$4 \times 20) = \$210$	**1 point**
(b)	Calculate the GDP deflator in Maltrose in year 2 as 105 and show your work. $\text{GDP Deflator}_{\text{Year 2}} = \frac{\text{Nominal GDP}_{\text{Year 2}}}{\text{Real GDP}_{\text{Year 2}}} \times 100 = \frac{\$210}{(\$10 \times 10)+(\$5 \times 20)} \times 100 = 105$	**1 point**
(c)	State that the inflation rate from year 1 to year 2 was 5%.	**1 point**
(d) (i)	State that people living on a fixed income were worse off.	**1 point**
(ii)	State that borrowers with fixed-interest-rate loans were better off because the real value of their debt decreased by more than they expected or because the real interest rate was lower than expected.	**1 point**
	Total for part (d)	**2 points**
	Total for question 2	**5 points**

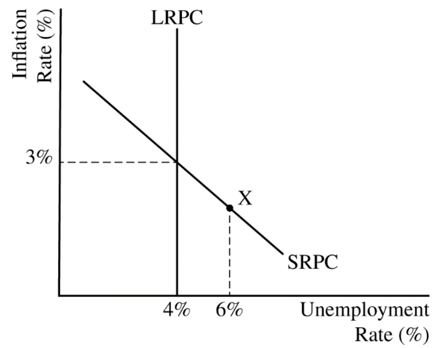
Question 2

5 Points (2 + 1 + 1 + 1)

(a) 2 points



- One point is earned for drawing a correctly labeled graph showing the short-run Phillips curve (SRPC).



- One point is earned for drawing the long-run Phillips curve (LRPC) showing the short-run equilibrium, labeled as point X, on the SRPC to the right of the LRPC, and for plotting the numbers in the correct places on the graph.

(b) 1 point

- One point is earned for stating that the actual inflation rate is less than the expected inflation rate.

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Question 2 (continued)

(c) 1 point

- One point is earned for stating that lenders will be better off and for explaining the real value of the loans that will be repaid will be higher than expected **OR** for explaining the relationship between the nominal and the real interest rates using the Fisher equation.

(d) 1 point

- One point is earned for stating that the natural rate of unemployment will not change in the long run.