## AP® MACROECONOMICS 2011 SCORING GUIDELINES (Form B)

### Question 3

## **5 points** (2 + 1 + 1 + 1)

- (a) 2 points:
  - One point is earned for calculating the nominal GDP for 2010 as \$145 (= 20 + 100 + 25).
  - One point is earned for calculating the real GDP in 2010 as \$100 (= 20 + 60 + 20).
- (b) 1 point:
  - One point is earned for calculating the inflation rate as 10 percent (= 5/50).
- (c) 1 point:
  - One point is earned for stating that the real wage will be lower.
- (d) 1 point:
  - One point is earned for stating that Sara will benefit from the unexpected inflation because her fixed loan payments have less value.

3.(a) (i) Nominal GDP	in 20]0 =	8×\$2.5+	12x2+012x01
,		\$145	

(d) Sava benefits from the unexpected inflation.

Because the unexpected inflation makes the real value that

Sava should return to bank lower given the fixed rate of the loan.

(a)

- (i) The nominal gross domestic product (GDP) in 2010 \$145.92 = \$13140.
- (ii) The real GDP in 2010 8.\$2.5 + 10.\$10 + 5.\$5 = \$145

The rate of inflation from one year to the next is

- (c) lower real wage will be at the beginning of next year.
- (d) The bank will benefit from the unexpected inflation.

  Because actual inflation is higher than expected

  inflation rate, Sara loses benefit-

# AP® MACROECONOMICS 2011 SCORING COMMENTARY (Form B)

### Question 3

Sample: 3A Score: 5

The student answers all parts of the question correctly and so earned all 5 points.

Sample: 3B Score: 3

The student earned 1 point in part (a) for the correct calculation of nominal GDP, 1 point in part (b) for the correct calculation of the rate of inflation, and 1 point in part (c) for the correct conclusion.

Sample: 3C Score: 1

The student earned 1 point in part (c) for stating that the real wage would be lower.