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State	Finished
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Time taken	39 mins 18 secs
Grade	6.00 out of 16.00 (37.5%)

Question **1**

Incorrect

Mark 0.00 out of 4.00

An economy described by a Rosier model is on a proportional steady-state growth path, with the ratio of outstanding loans to the money stock being 24 to 1.

What is the growth rate of the money stock, expressed as a percentage, if bank savings always equal 5% of the outstanding loans at the end of the period? Round to two decimal places!

Answer: ✖

The correct answer is: 5.50

Question **2**

Incorrect

Mark 0.00 out of 3.00

Consider a closed economy consisting of firms, households, and banks. The following data are known for period t : Total savings amount to 700 Ft, of which households hold 200 Ft. GDP is 4,700 Ft, contributed solely by firms, which are also the only entities with outstanding loans. No dividends are paid.

Firms' outstanding debt increases by 350 Ft, they pay 300 Ft in interest, and their money holdings increase by 100 Ft.

How much do firms pay in wages?

Answer: ✖

The correct answer is: 3950.00

Question **3**

Incorrect

Mark 0.00 out of 3.00

How much do banks pay in wages?

Answer: ✖

The correct answer is: 250.00

Question **4**

Correct

Mark 3.00 out of
3.00

Consider a 2x2 economy characterized by the following input coefficients:

0,3	0,4
0,2	0,5

, where sectors are in columns.

Assume further that the first sector uses 2 units of oil (a primary resource) per unit of output, while the second sector uses 0.5 units. The current price of crude oil is 100 HUF, the price of both products is 1,000 HUF, and the value added is 300 HUF and 50 HUF for the first and second sectors, respectively.

The price of oil increases by 45.8%, and it is known that domestic value added remains unchanged in absolute terms.

What will be the price of the first product after the price increase?

Answer: ✓

The correct answer is: 1186.59

Question **5**

Correct

Mark 3.00 out of
3.00

What will the inflation rate be if the weights of the goods in the inflation index are 40/50/10 for the first product, the second product, and oil, respectively?

Answer: ✓

The correct answer is: 21.80

◀ 2nd midterm MACRO multiple
choice_3

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