## Introduction to Macroeconomics • M5 • 23 February 2015

1. The ratio real GDP/nominal GDP for a given period
(a) is the GDP deflator of the same period.
(b) is greater than 1 if the GDP deflator is positive.
(c) is smaller than 1 if the GDP deflator is also smaller than 1.
(d) None of the above
2. In a given period, the CPI is 100 and the GDP deflator is 200. Therefore,
(a) the inflation rate in that period is positive.
(b) the inflation rate in that period is negative.
(c) the above values for CPI and GDP deflator are impossible.
(d) None of the above
3. According to the macroeconomic identities, with the government budget defined as spending minus receipts,
(a) if savings equal investment, then the government budget is equal to the trade balance.
(b) if there is a trade balance deficit, then there is a government budget deficit.
(c) if there is a government budget surplus, then there is a trade balance surplus.
(d) None of the above
4. Which sentence is not false?
(a) All stock variables are nominal variables.
(b) No flow variable is a real variable.
(c) The rate of growth of real GDP per capita is smaller than the rate of growth of nominal GDP.
(d) None of the above is true.
5. Which sentence is not true?
(a) The fallacy of composition does not assert that the CPI inflation rate is greater than the GDP deflator inflation rate.
(b) The El Farol bar problem is not a particular case of the fact that nominal GDP and real GDP coincide in the base period on which real GDP is based.
(c) When an economy experiences inflation it is not necessarily the case that the economy also experiences disinflation.
(d) None of the above is true.
6. The difference M1 - M0
(a) is also known as the amount of bank reserves, $\boldsymbol{R}$.
(b) is equal to the total volume of deposits, $\boldsymbol{D}$.
(c) does not exist or has no meaning.
(d) None of the above

# Write your answers in minuscule (lower case letter) in only one of the following tables 

Use Table 1 if you give at most one answer to each question
Use Table 2 if you want to give two answers to some question

No answer: $+0 \cdot$ Correct answer: $+1 \cdot$ Incorrect answer: $-1 / 3$
Table 1

| 1 | 2 | 3 | 4 | 5 | 6 |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |

No answer: +0 • Only one answer: if correct, +1 ; if incorrect, $-1 / 3$.
Two answers: if one correct, $+1 / 2$; if none correct, $-1 / 2$.
Table 2

$\qquad$ Name $\qquad$

