Introduction to macroeconomics • M4 • 7 March 2017

1. Employment and unemployment have both increased. As a result,
(a) the unemployment rate necessarily went up.
(b) the unemployment rate necessarily went down.
(c) the labour force could have remained constant.
(d) None of the above
2. What combination of events cannot explain a fall in real GDP per capita?
(a) GDP deflator and nominal GDP both decrease and population grows.
(b) GDP deflator and population both increase in the same proportion while nominal GDP remains unchanged.
(c) GDP deflator does not change, nominal GDP increases, and population contracts.
(d) None of the above
3. The Phillips curve and Okun's law have in common that
(a) both express the possibility that the CPI may differ from the GDP deflator.
(b) both identify the cases in which nominal GDP is equal to real GDP.
(c) both relate the inflation rate with another variable.
(d) None of the above
4. Which sentence is not false?
(a) Moravec's paradox holds that Okun's law is inversely related with the business cycle.
(b) Technological unemployment is always identical with frictional unemployment.
(c) In the contractionary phase of the business cycle the unemployment rate tends to rise and, at the same time, the inflation rate tends to fall.
(d) According to Say's law, the unemployment rate is inversely related to the inflation rate.
5. In an orthodox labour market in which the market equilibrium is always achieved almost instantaneously,
(a) a shift to the right of the demand for labour raises the wage rate but increases involuntary unemployment.
(b) voluntary unemployment cannot occur at the market equilibrium.
(c) the wage rate equals the equilibrium wage rate and the amount of involuntary unemployment is zero.
(d) None of the above
6. It is not possible to have, simultaneously,
(a) disinflation and hyperinflation.
(b) hyperinflation and deflation.
(c) reflation and inflation.
(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 - Correct answer: +1 • 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, $-1 / 2$.

$\qquad$ 1st Surname $\qquad$ Name $\qquad$

