

# 國立中央大學 108 學年度碩士班考試入學試題

所別：經濟學系 碩士班 不分組(一般生)

共二頁 第一頁

科目：總體經濟學

本科考試禁用計算器

請依題號寫下答案

一、是非不定繪圖題：每題 8 分，共 48 分。請先回答是或非，再繪圖並說明理由；**沒寫理由或沒繪圖均以零分計。**

1. Suppose that the nominal wage rate rises. The labor supply is perfectly elastic if the substitution effect and the income effect cancel out each other completely.
2. Suppose that unemployment results from the minimum-wage law. Other things equal, the more the discouraged workers, the higher the unemployment rate.
3. In the IS-LM and AD-AS models, other things equal, an increase in the natural rate of unemployment causes both the long-run equilibrium interest rate and equilibrium general price level to rise.
4. A tax cut causes households to increase current and future consumption.
5. If the private investment is more sensitive to the interest rate, the larger is the effect of a raise in the expected price level of the representative firm on the short-run equilibrium output level in the AD-AS model.
6. According to the PPP theory and AD-AS model, other things equal, the currency of country A appreciates against that of country B if the required reserve ratio of country A rises.

注：背面有試題

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二、問答題：共 52 分。

7. The Money Supply Process (12 points)
  - a. Explain what an open market purchase is. (4 points)
  - b. Suppose the Federal Reserve conducts a \$1 billion open market purchase. Does the monetary base ( $MB = \text{Currency in Circulation} + \text{Reserves}$ ) go up or down? By how much? (4 points)
  - c. Suppose the Federal Reserve conducts a \$1 billion open market purchase. Suppose the required reserve ratio is 10% and the banks choose to carry no excess reserves. Does the money supply ( $M = \text{Currency in Circulation} + \text{Deposits}$ ) go up or down? By how much? (4 points)
  
8. A group of politicians are trying to pass a bill that will prohibit the US government from issuing any debts. Explain why such a policy may prove problematic. (10 points)
  
9. Country A currently has a large amount of government debt outstanding. Describe four things Country A government can in principle do to reduce its debts. (10 points)
  
10. The US government recently announced a spending cut. (10 points)
  - a. If prices are fully flexible, what would be the likely impact of the spending cut on real GDP? Explain why. (5 points)
  - b. If prices are sticky, what would be the likely impact of the spending cut on real GDP? Explain why. (5 points)
  
11. Some writers argue that the US should revert to a gold standard. (10 points)
  - a. Give a reason why it may be desirable to revert to a gold standard. (5 points)
  - b. Give a reason why it may be undesirable to revert to a gold standard. (5 points)

注意：背面有試題