

淡江大學八十八學年度日間部轉學生招生考試試題

系別：經濟學系三年級

科目：總體經濟學

本試題共

頁

1. Given the following information about the markets of an economy:

Goods Markets

$$C = 200 + 0.8Y_d$$

$$I = 700 - 2000r$$

$$G = 300$$

$$T = 0.25Y$$

Money Market

$$M^d = 1000 + 0.25Y - 750r$$

$$M^s = 1500 + 500r$$

(Y_d : disposable income, r : interest rate, Y : income, C : consumption

I : investment, G : government expenditure, T : tax)

- (1) Obtain the equation for IS curve. (5%)
 - (2) Obtain the equation for LM curve. (5%)
 - (3) Solve the equilibrium level of output and interest rate. (5%)
 - (4) Suppose the government takes an expansionary fiscal policy by increasing \$100 of its expenditure. What will happen to the equilibrium output and interest rate (increase or decrease)? By how much? (5%) Draw a graph to interpret this. (5%)
 - (5) Followed (4), is there a crowding out effect? By how much? (5%)
 - (6) If central bank purchases \$50 government bonds in open market, given the money multiplier of 2. What will happen to the equilibrium output and interest rate? By how much? (5%) Draw a graph to interpret this. (5%) How will the investment be affected? By how much? (5%)
2. What are the arguments of Endogenous Growth Theory? (15%)
3. (1) How would the automatic stabilizer operate when there was a recession in the economy? (5%)
- (2) How does it affect the level of budget deficit? (5%)
- (3) If the government concerned about the deficit level and set a deficit target, how will it do to prevent the deficit from changing? (5%)
- (4) What will happen to the economy after government's action? (5%)
4. (1) About what value is the exchange rate of New Taiwan dollar recently? (5%)
- (2) If the central bank doesn't want to see NT\$ appreciates, how would it intervene in the foreign exchange market? (5%) Draw a graph of foreign exchange market to show this. (5%)
- (3) What effects of the intervention on money supply, interest rates and international reserves holding? (5%)