

淡江大學九十一年度日間部轉學生招生考試試題

系列：商管組二年級

科目：經濟學

准帶項目請打「○」否則打「x」
計算機
○

本試題共 3 頁

請注意!!!

請自行於答案紙最前面的部分繪製如下格式之答案表，再依題目順序將最終答案填入表格中，而計算題之計算及推理過程應顯示在答案紙上其他地方。單選題不必顯示計算過程或說明。

格式範例：

答案表

題號	答案	題號	答案	題號	答案	題號	答案
1		6		11		16	
2		7		12		17	
3		8		13		18	
4		9		14		19	
5		10		15		20	

共二十題、每題五分

一、計算題

1. Country A 's nominal interest rate and inflation rate in year 1998-2000 are as follows.

YEAR	NOMINAL INTEREST RATE	INFLATION RATE
1998	1.4%	-1%
1999	6%	5.3%
2000	3.5%	2.5%

- (1) What is the real interest rate in year 1998?
- (2) Which year is the worst time to lend money?

2. Following is a Basic Keynesian model. Use the information given below for country B to find each of the following for country B:

- (3) autonomous aggregate demand
- (4) the income-expenditure multiplier
- (5) short-run equilibrium output
- (6) the recessionary output gap

Consumption function: $C = 400 + 0.5(Y - T)$

Investment: $I = 200$

Government spending: $G = 400$

Net export: $NX = 50$

Tax collected: $T = 200$

Full-employment output: $Y^* = 5000$

◀ 注意背面尚有試題 ▶

本試題雙面印製

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(7) By how much would aggregate demand have to increase to eliminate the output gap for country B in the problem above?

3. You own and operate a gas station. Your demand curve is given by $P = 0.3 - 0.001Q$, where P is in dollars and Q is in liters of gasoline. Your marginal cost curve is $MC = 0.001Q$. Your fixed costs equal \$10. There is no other gas station in the nearby neighborhood.

(8) Calculate your profit maximizing quantity.

(9) Calculate your profit.

(10) Calculate consumer surplus at the profit maximizing P and Q .

4. George and Mary's hourly productivity in fruit picking are specified in the table below.

	Apple	Orange
George	7/hour	3/hour
Mary	8/hour	15/hour

Use the information to answer the following questions.

(11) What is Mary's opportunity cost of picking one orange?

(12) Who has comparative advantage in apple picking?

(13) Who has absolute advantage in apple picking?

(14) If they each work 8 hours a day and together they need 35 apples and as many oranges as possible. How many hours should Mary spend on apples picking each day?

(15) If they each work 8 hours a day and together they need 35 apples and as many oranges as possible. How many oranges can they pick in one day?

二、單選題

(16) Assume I bring 50 candies into a class with 50 students. Which of the following situations is Pareto efficient?

- I give one candy to each student.
- I give all 50 candies to one student.
- I divide all of the candies equally among the female students.
- I let the best 25 students have 2 candies each.
- all of the above

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(17) If the government places a tax on sellers in a market, who will pay the tax?

- a. it depends on the situation in the market
- b. more the sellers than buyers
- c. buyers and sellers equally
- d. only buyers
- e. only sellers

(18) When the real interest rate rises, which of the following is true?

- a. Consumption and planned investment spending rise.
- b. Consumption and planned investment spending fall.
- c. Consumption spending rises while planned investment spending falls.
- d. Consumption spending falls while planned investment spending rises.
- e. Consumption spending falls while planned investment spending is unchanged.

(19) To fight a recession, the central bank should do which of the following?

- a. Raise the real interest rate.
- b. Lower the real interest rate.
- c. Keep the real interest rate constant.
- d. Allow the real interest rate to fluctuate with the market.
- e. Raise the nominal interest rate.

(20) A recession in the U.S. may temporarily cause which of the following in Taiwan?

- a. AD to shift right.
- b. AD to shift left.
- c. AS to shift right.
- d. AS to shift left.
- e. AD and AS to both shift right

Note: AD stands for aggregate demand curve and AS stands for aggregate supply curve.