

系所組別	考試科目
經濟學系二年級	經濟學

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※考生請於答案卷內作答

一、選擇題（每題 3 分，共 48 分）

- 1、The production possibilities frontier illustrates
 - A) all goods that can be produced by an economy
 - B) the combination of goods and services that can be produced efficiently
 - C) all goods and services that are desired but cannot be produced due to scarce resources.
 - D) all possible production of capital goods
- 2、Economic growth is the result of all of the following EXCEPT
 - A) technological change.
 - B) opportunity cost.
 - C) capital accumulation.
 - D) investment in human capital.
- 3、When the price of an inferior good falls, the substitution effect leads to _____ in the quantity purchased and the income effect leads to _____ in the quantity purchased.
 - A) an increase; an increase
 - B) a decrease; an increase
 - C) an increase; a decrease
 - D) a decrease; a decrease
- 4、If the price of salt increases and the quantity demanded does not change, then
 - A) the price elasticity of demand is equal to zero.
 - B) demand is perfectly inelastic.
 - C) the demand curve for salt is horizontal.
 - D) Both answers A and B are correct.
- 5、The **buyers** pay the entire sales tax levied on a good when demand is perfectly _____ or supply is perfectly _____.
 - A) inelastic; elastic
 - B) inelastic; inelastic
 - C) elastic; elastic
 - D) elastic; inelastic
- 6、Suppose the equilibrium wage is \$10 per hour. A minimum wage is a _____ and affects employment if it is set at _____.
 - A) price ceiling; \$12 per hour
 - B) price ceiling; \$10 per hour
 - C) price floor; \$8 per hour
 - D) price floor; \$12 per hour
- 7、A country opens up to trade and becomes an importer of some good. Consumer surplus will _____, producer surplus will _____, and total surplus will _____.
 - A) increase; decrease; increase
 - B) decrease; decrease; decrease
 - C) increase; decrease; decrease
 - D) decrease ; increase; increase

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8. If diseconomies of scale are present and the firm _____ all its inputs, its output _____.
- A) doubles; more than doubles
B) increases; increases by the same percentage
C) doubles; less than doubles
D) halves; doubles
9. To its maximize profit, the monopolist produces on the _____ portion of its demand where _____.
- A) elastic; $P = MC$
B) inelastic; $P = MC$
C) elastic; $MR = MC$
D) inelastic; $MR = MC$
10. Everything else the same, if consumption expenditure increases by \$200 billion and imports increase by \$200 billion, then GDP
- A) increases by \$400 billion.
B) increases by \$200 billion.
C) decreases by \$400 billion.
D) does not change.
11. In the labor market, an increase in labor productivity _____ the real wage rate and _____ the level of employment.
- A) raises; increases
B) raises; decreases
C) lowers; increases
D) lowers; decreases
12. The idea that a government budget deficit decreases investment is called
- A) government dissaving.
B) the Ricardo-Barro effect.
C) the crowding-out effect.
D) the capital investment effect.
13. If nominal interest rate is 4% and inflation rate is 2%, then the real interest rate equals
- A) 0.5%.
B) 2%.
C) 6%.
D) 8%.
14. If real GDP is \$10 trillion, the price level is 120, and the quantity of money is \$4 trillion, what is the velocity of circulation?
- A) 3
B) 2.5
C) 30
D) 25
15. Which of the following would increase the quantity of money?
- A) When the Central Bank lowers the required reserve ratio.
B) When the Central Bank sells government securities.
C) An increase in the price level.
D) An increase in real GDP.

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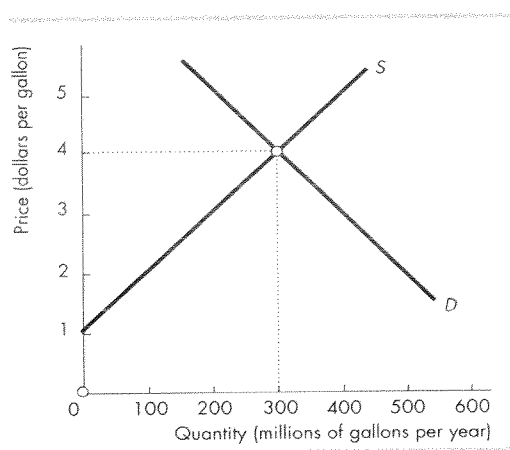
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16. Business cycles are the result of
- regular shifts of the AD curve only.
 - irregular shifts of the SAS curve only.
 - regular shifts of both the AD and SAS curves.
 - irregular shifts of both the AD and SAS curves.

二、問答題 (共 52 分)

1. (16 分) 下圖是牛奶市場的供需與均衡。若政府對每加侖牛奶的生產給予 1 元的補貼(subsidy)：



- 請於上圖中畫出並標示及說明牛奶市場補貼後的價格與數量如何變動。
- 請於上圖中標示出此一補貼對牛奶市場所造成的絕對損失(Dead-weight loss)。

2. (16 分) 若三星蔥價格由每台斤 10.5 元跌至 9.5 元，而需求量由 18,800 台斤增至 21,200 台斤。請將計算過程列出

- 試問三星蔥的需求彈性為_____；此一跌價將造成蔥農的總收益(TR)增加、減少或不變，為什麼？
- 若三星蔥此一跌價，造成 X 財貨需求量上升 20%，請算出兩財貨的交叉彈性，並用交叉彈性判別 X 財貨為替代品或互補品？

世新大學 106 學年度日間學制學士班二年級暑假轉學生招生考試試題卷

第 4 頁共計 4 頁

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3、(20 分) 下表是美麗島總體經濟的相關數據，請依下表回答問題，並將計算過程詳細列出：

Real GDP (trillions of 2000 dollars)	Aggregate expenditure (trillions of 2000 dollars)
0	0.3
1.0	1.2
2.0	2.1
3.0	3.0
4.0	3.9
5.0	4.8

- (1) 自發性支出等於_____trillion。
- (2) 均衡支出或實質 GDP 等於_____trillion。
- (3) 總支出曲線斜率等於_____。
- (4) 若投資增加\$0.2 trillion 所引發的支出乘數等於_____，將引起均衡實質 GDP 變動_____trillion。