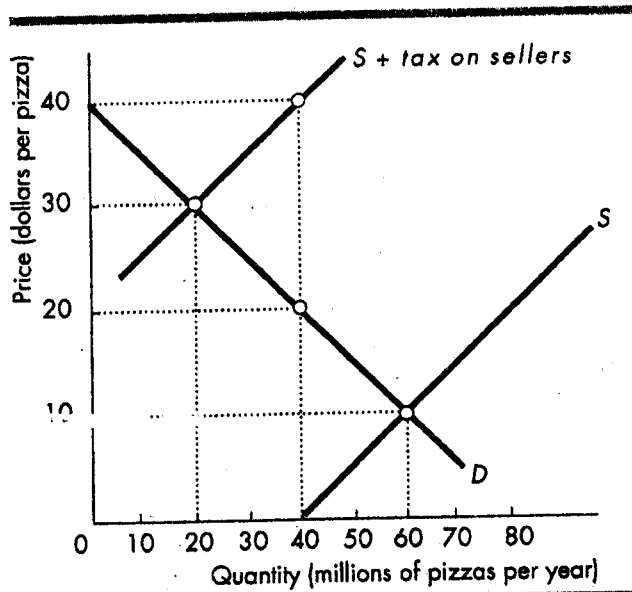


編號： 418 系所：交通管理科學系丁組

科目：經濟學

本試題是否可以使用計算機： 可使用， 不可使用（請命題老師勾選）

DD 單選題 (每題 2.5 分, 共 40 題)

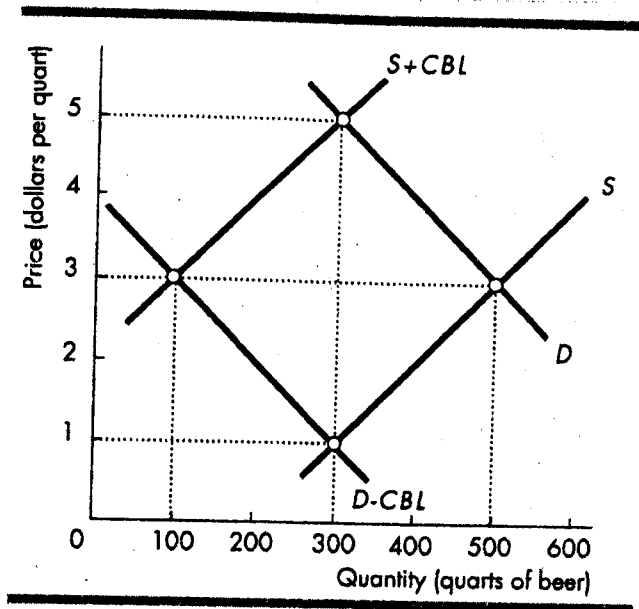


- In the above figure, the government has imposed a tax on sellers of pizza. The amount of the tax
 - is \$40.
 - is \$10.
 - is \$30.
 - cannot be determined without more information.
- In the above figure, the government has imposed a tax on sellers of pizza. The tax increases
 - the amount received by sellers by \$30.
 - the price paid by buyers by \$30.
 - the quantity of pizza sold from 40 million per year to 60 million per year.
 - the after-tax price by \$40.
- In the above figure, the government has imposed a tax on sellers of pizza. After the tax has been imposed, the after-tax price of a pizza is _____ and the equilibrium quantity is _____ per year.

A) \$20; 40 million	B) \$10; 60 million	C) \$20; 20 million	D) \$30; 20 million
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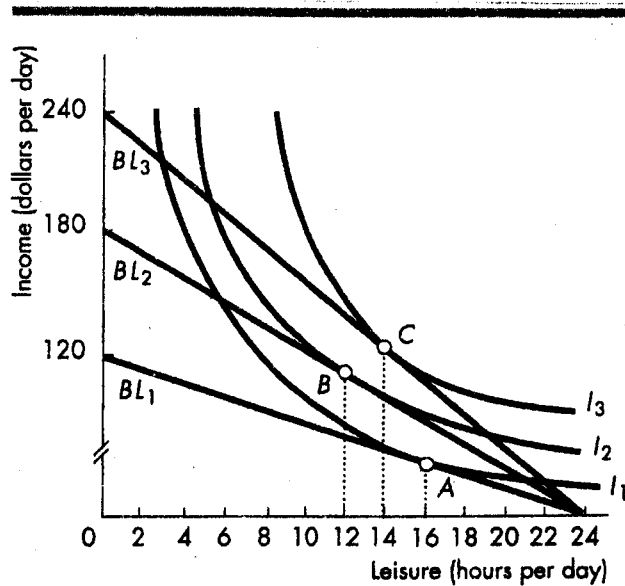
(背面仍有題目,請繼續作答)

本試題是否可以使用計算機： 可使用， 不可使用（請命題老師勾選）



- 4) Suppose the government has declared beer to be an illegal substance and has imposed equal penalties on any person caught buying a beer and on any person caught selling a beer. Using the above figure, in which *CBL* is the cost of breaking the law, by how much is beer consumption decreased by the penalties?
- A) Beer consumption is decreased by 200 quarts.
 - B) Beer consumption is decreased by 400 quarts.
 - C) Beer consumption is decreased by 300 quarts.
 - D) Beer consumption is decreased by 500 quarts.
- 5) Which of the following is a correct statement about markets for prohibited goods?
- A) Taxing a good at a sufficiently high rate can achieve the same consumption level as prohibition.
 - B) Penalizing sellers of an illegal good decreases supply and penalizing buyers decreases demand.
 - C) Penalizing either buyers or sellers of an illegal good decreases the quantity bought.
 - D) All of the above are correct statements.

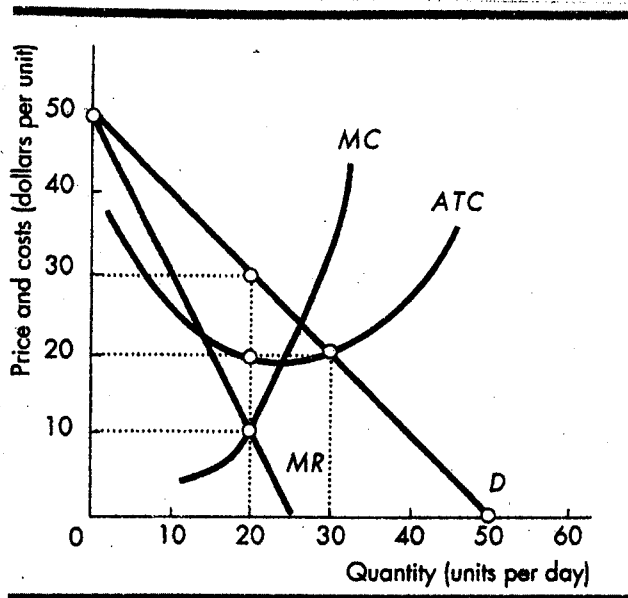
編號: 418 系所: 交通管理科學系丁組 科目: 經濟學

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- 6) In the above figure, when his wage rate increases from \$5.00 to \$7.50 per hour, which of the following does Bob experience?
- a change in his preferences
 - an increase in the opportunity cost of leisure
 - an increase in the opportunity cost of working
 - all of the above
- 7) In the above figure, when the wage rate increases from \$5.00 to \$7.50 an hour, Bob chooses less leisure because of
- the substitution effect.
 - the income effect.
 - both of the above
 - neither of the above
- 8) Market power is the
- political power of monopolies.
 - size of the market.
 - forces of supply and demand.
 - ability of a firm to set its price.

(背面仍有題目,請繼續作答)

本試題是否可以使用計算機： 可使用， 不可使用（請命題老師勾選）



- 9) The figure above shows the demand and cost curves for a single-price monopolist. What level of output maximizes the firm's economic profit?

A) 0 units B) 30 units C) 20 units D) 50 units
- 10) The figure above shows the demand and cost curves for a single-price monopolist. What price will the firm charge?

A) \$50 per unit B) \$30 per unit C) \$10 per unit D) \$20 per unit
- 11) The figure above shows the demand and cost curves for a single-price monopolist. What economic profit does this firm earn?

A) \$400 B) \$200 C) zero D) \$600

		Gateway	
		<u>Cut price</u>	<u>Hold price</u>
Dell	<u>Cut price</u>	G: \$10 D: \$10	G: \$5 D: \$20
	<u>Hold price</u>	G: \$20 D: \$5	G: \$15 D: \$15

- 12) Dell and Gateway must decide whether to lower their prices, based on the potential profits shown in the payoff matrix above. (The profits are in millions of dollars.) In the Nash equilibrium,

A) both Dell and Gateway lower prices.
 B) Dell keeps its prices high and Gateway lowers its prices.
 C) Gateway keeps its prices high and Dell lowers its prices.
 D) both Dell and Gateway keep prices high.

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13) Dell and Gateway must decide whether to lower their prices, based on the potential profits shown in the payoff matrix above. (The profits are in millions of dollars.) In the Nash equilibrium, Dell's profit is _____ million and Gateway's profit is _____ million.

A) 5; 20

B) 15; 15

C) 10; 10

D) 20; 5

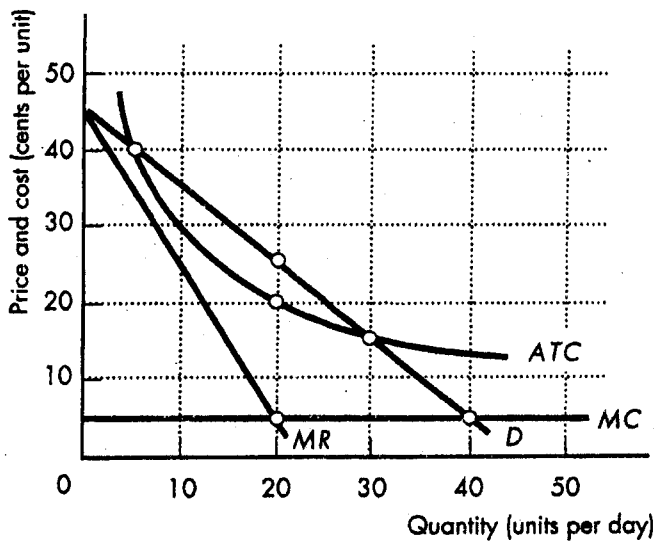
14) Dell and Gateway must decide whether to lower their prices, based on the potential profits shown in the payoff matrix above. (The profits are in millions of dollars.) If the firms collude and don't cheat, Dell's profit is _____ million and Gateway's profit is _____ million.

A) 5; 20

B) 15; 15

C) 10; 10

D) 20; 5



15) The firm shown in the figure above is

A) not a natural monopoly because its MC curve is below its ATC curve.

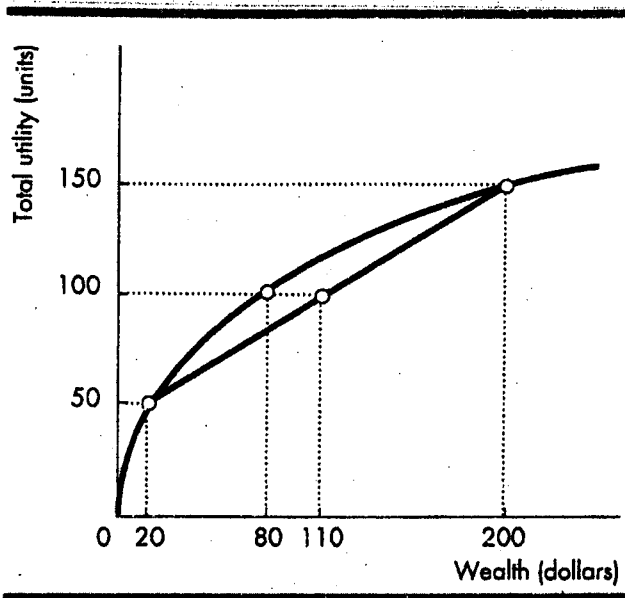
B) not a natural monopoly because its MC curve is horizontal.

C) not a natural monopoly because its ATC curve slopes downward where it intersects the demand curve.

D) a natural monopoly because its ATC curve slopes downward where it intersects the demand curve.

(背面仍有題目,請繼續作答)

本試題是否可以使用計算機：可使用，不可使用（請命題老師勾選）

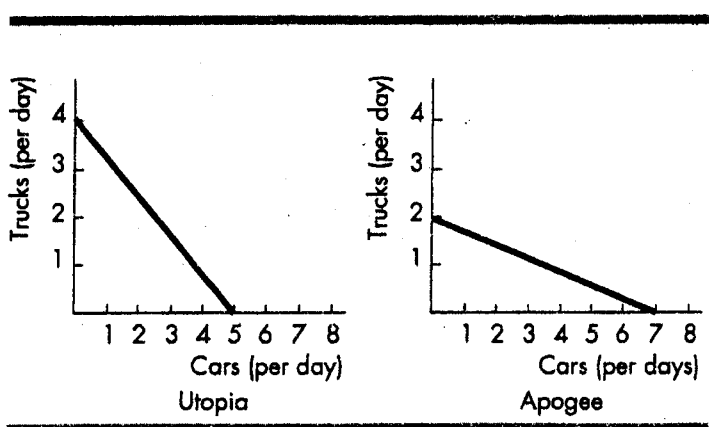


- 16) In the above figure, the utility of wealth curve shown indicates that individual is
- risk averse.
 - risk preferring.
 - risk neutral.
 - risk averse or risk neutral, depending on income.
- 17) The above figure shows how an individual evaluates a bet in which he or she has a 0.5 probability of receiving \$20 and a 0.5 probability of receiving \$200. The individual would be indifferent between
- \$200 with certainty or the expected value of the bet.
 - \$20 with certainty or the expected value of the bet.
 - \$110 with certainty and the expected value of the bet.
 - \$80 with certainty or the expected value of the bet.

本試題是否可以使用計算機： 可使用， 不可使用（請命題老師勾選）

Income (dollars)	Total utility
0	0
100	100
200	150
300	175
400	190
500	198
600	200

- 18) James has a utility of wealth schedule in the above table. He is offered a job selling video games at Games Galore. James' compensation depends on how much he sells. In a poor sales period, a salesperson makes \$100 per month. In a good sales period, a salesperson makes \$600 per month. James is told by the manager that, in any given month, there is a 25 percent chance of a poor sales period and a 75 percent chance of a good sales period. What is James' expected income from taking this job?
- A) \$600 B) \$350 C) \$475 D) \$100
- 19) James has a utility of wealth schedule in the above table. He is offered a job selling video games at Games Galore. James' compensation depends on how much he sells. In a poor sales period, a salesperson makes \$100 per month. In a good sales period, a salesperson makes \$600 per month. James is told by the manager that, in any given month, there is a 25 percent chance of a poor sales period and a 75 percent chance of a good sales period. What is James' expected utility from taking this job?
- A) 150 B) 175 C) 100 D) 200



- 20) Based on the above figure that shows the pre-trade PPFs for the nations of Utopia and Apogee, when trade begins between Utopia and Apogee, it will be profitable
- I. for Utopia to export cars.
 - II. for Utopia to export trucks.
 - III. for Apogee to export cars.
- A) I and III B) I only C) II only D) II and III

(背面仍有題目,請繼續作答)

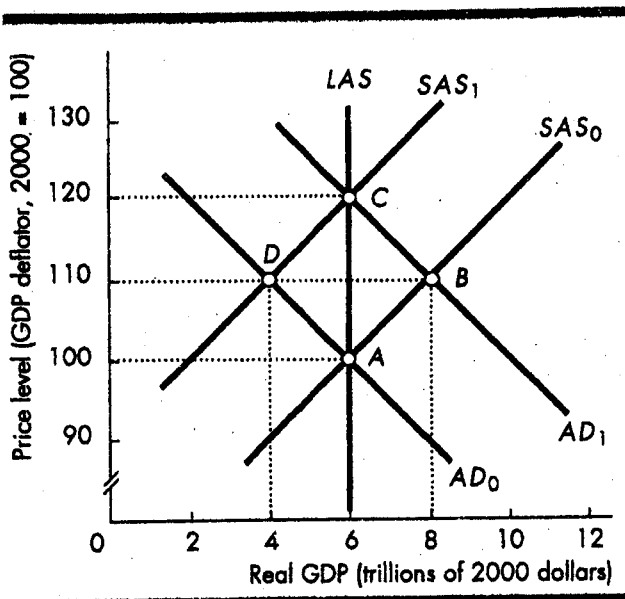
本試題是否可以使用計算機: 可使用, 不可使用 (請命題老師勾選)

31) Which of the following is true?

- I. Checks are considered money because they can be used as a medium of exchange.
 - II. Checks represent a transfer of money.
- A) I only B) neither I nor II C) II only D) both I and II

32) Credit cards are

- A) a part of M1 but not of M2.
- B) not a part of money because they are not a means of payment.
- C) a part of M2 but not a part of M1.
- D) a part of money because they are used to purchase goods and services.



33) In the above figure, suppose the economy is at point D. Which of the following occurs as a result of an open market purchase of bonds?

- A) an increase in exports
- B) a decrease in interest rates
- C) an increase in investment
- D) All of the above occur.

34) In the above figure, suppose the economy was initially in an equilibrium at point A. In the short run, where would the economy move if the Fed makes an open market purchase of bonds?

- A) A, that is, the economy would not change its equilibrium.
- B) B
- C) C
- D) D

本試題是否可以計算機： 可使用， 不可使用（請命題老師勾選）

35) In the above figure, suppose the economy is at a short run equilibrium at point B. Which of the following policy options for the Fed will move the economy toward its LAS?

- A) lowering the required reserve ratio
- B) open market sale of bonds
- C) lowering the discount rate
- D) None of the above policy options will move the economy toward its LAS.

Real GDP	C	I	G	X	M
100	75	25	95	10	1
200	150	25	95	10	2
300	225	25	95	10	3
400	300	25	95	10	4
500	375	25	95	10	5
600	450	25	95	10	6
700	525	25	95	10	7
800	600	25	95	10	8
900	675	25	95	10	9
1000	750	25	95	10	10

36) In the above table, C is consumption expenditure, I is investment, G is government purchases, X is exports, and M is imports. All entries are in dollars. What is the marginal propensity to consume?

- A) 0.75
- B) 0.25
- C) 0.80
- D) 0.20

37) In the above table, C is consumption expenditure, I is investment, G is government purchases, X is exports, and M is imports. All entries are in dollars. What is the level of aggregate planned expenditure when real GDP is equal to \$900 billion?

- A) \$675
- B) \$796
- C) \$1,714
- D) \$814

38) In the above table, C is consumption expenditure, I is investment, G is government purchases, X is exports, and M is imports. All entries are in dollars. What is the unplanned inventory change when GDP is equal to \$400?

- A) \$26
- B) -\$5
- C) -\$26
- D) \$5

39) In the above table, C is consumption expenditure, I is investment, G is government purchases, X is exports, and M is imports. All entries are in dollars. What is the equilibrium expenditure?

- A) \$200
- B) \$1,000
- C) \$500
- D) \$700

40) In the above table, C is consumption expenditure, I is investment, G is government purchases, X is exports, and M is imports. All entries are in dollars. If investment were to increase by \$26 to a level of \$51 then equilibrium expenditure will

- A) increase by \$25.
- B) decrease by \$100.
- C) increase by \$100.
- D) decrease by \$50.