

注意：考試開始鈴響前，不得翻閱試題，  
並不得書寫、畫記、作答。


國立清華大學 112 學年度碩士班考試入學試題

系所班組別：計量財務金融學系  
乙組(財務工程組)

科目代碼：5201

考試科目：經濟學

### — 作答注意事項 —

1. 請核對答案卷(卡)上之准考證號、科目名稱是否正確。
2. 考試開始後，請於作答前先翻閱整份試題，是否有污損或試題印刷不清，得舉手請監試人員處理，但不得要求解釋題意。
3. 考生限在答案卷上標記「 由此開始作答」區內作答，且不可書寫姓名、准考證號或與作答無關之其他文字或符號。
4. 答案卷用盡不得要求加頁。
5. 答案卷可用任何書寫工具作答，惟為方便閱卷辨識，請儘量使用藍色或黑色書寫；答案卡限用 2B 鉛筆畫記；如畫記不清(含未依範例畫記)致光學閱讀機無法辨識答案者，其後果一律由考生自行負責。
6. 其他應考規則、違規處理及扣分方式，請自行詳閱准考證明上「國立清華大學試場規則及違規處理辦法」，無法因本試題封面作答注意事項中未列明而稱未知悉。

# 國立清華大學 112 學年度碩士班考試入學試題

系所班組別：計量財務金融學系 甲組、乙組

考試科目（代碼）：經濟學（5101）（5201）

共 6 頁，第 1 頁 \*請在【答案卷】作答

一.(60% 每題 5 分) 請依題號依序作答，不要跳題號作答，否則不計分。作答時請寫上題號。除了要寫上答案以外，也必需解釋原因。若解釋不正確即使答案正確也不計分。

1. Because resources are not equally well suited to producing all goods
  - (A) as more of a good is produced the inputs used to produce that good will increase in price.
  - (B) the opportunity costs of producing a good will increase as more of that good is produced.
  - (C) the opportunity costs of producing a good will decrease as more of that good is produced.
  - (D) as more of a good is produced the quality of that good declines and therefore the costs of production increase.
2. If the market for blue tooth headsets is unregulated and is presently characterized by excess demand, you can accurately predict that price will
  - (A) increase, the quantity demanded will rise, and the quantity supplied will fall.
  - (B) increase, the quantity demanded will fall, and the quantity supplied will rise.
  - (C) decrease, the quantity demanded will rise, and the quantity supplied will fall.
  - (D) decrease, the quantity demanded will fall, and the quantity supplied will rise.
3. Michael can buy either pizzas or submarine sandwiches. If the prices of pizza and submarine sandwiches double and so does Michael's money income, we can deduce that Michael's budget constraint will
  - (A) shift in but remain parallel to the old one.
  - (B) shift out but remain parallel to the old one.
  - (C) swivel in so that the slope of the budget constraint is doubled.
  - (D) remain unchanged
4. If the product derived from the last dollar spent on labor is greater than the product derived from the last dollar spent on capital, then the firm should
  - (A) make no changes since it is minimizing costs.
  - (B) increase the price paid to labor and decrease the price paid to capital to minimize costs.
  - (C) use less labor and more capital to minimize costs.
  - (D) use more labor and less capital to minimize costs.

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共 6 頁，第 2 頁

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5. We can derive a firm's total cost curve from its isoquant and isocost curves by varying
- (A) the prices of capital and labor and keeping total expenditure constant.
  - (B) the production technologies, but keeping input prices and total expenditures constant.
  - (C) the price of either capital or labor while keeping total expenditures and the production technology constant.
  - (D) total expenditures while keeping input prices and the production technology constant.
- 6.

Demand and cost conditions facing Trollio's T-shirts

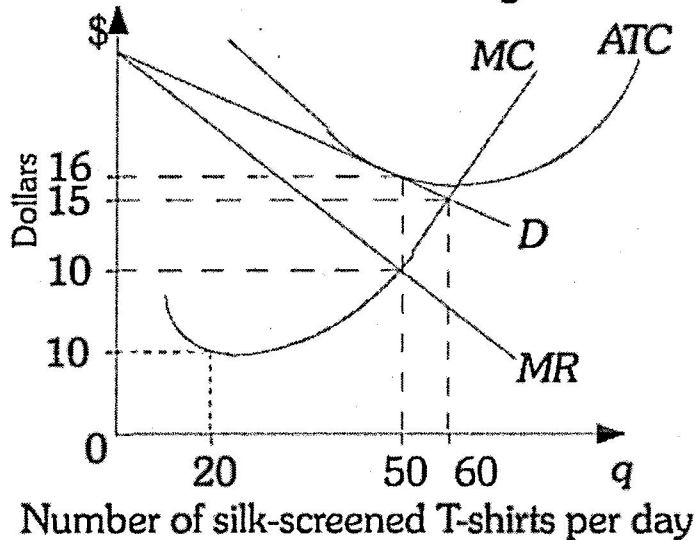


Figure 1.

Refer to Figure 1 above. If Trollio's T-shirts is in long-run equilibrium it is producing \_\_\_\_\_ silk-screened T-shirts and selling each T-shirt at a price of \_\_\_\_\_.

- (A) 20; \$5
- (B) 50; \$10
- (C) 60; \$15
- (D) 50; \$16

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共 6 頁，第 3 頁

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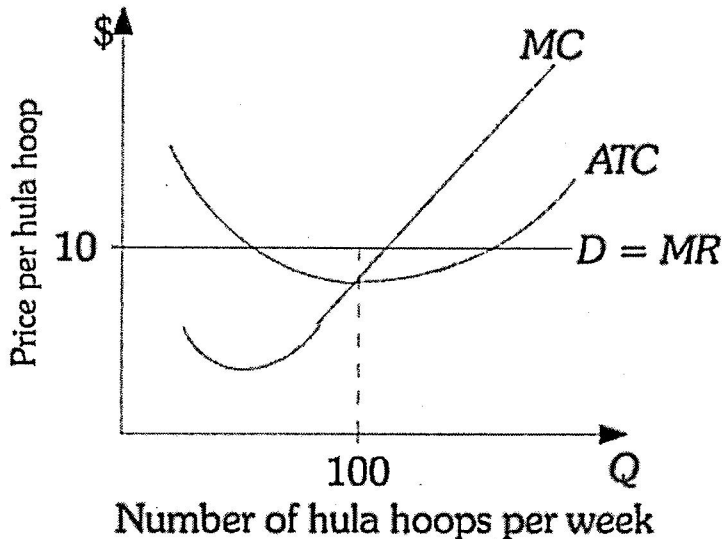


Figure 2.

7. Refer to Figure 2 above. A firm produces hula hoops in a perfectly competitive market and currently produces and sells 100 per week. Which of the following is TRUE?
- (A) Society would be better off if the firm produced fewer hula hoops because the firm's profits would increase if it reduced production.
  - (B) Because the firm is minimizing ATC, it is producing hula hoops at the efficient level.
  - (C) Because ATC is less than price, the firm should devote fewer resources to hula hoop production.
  - (D) Society would be better off if the firm produced more hula hoops because price is greater than marginal cost at the current production level.
8. Samuelson's theory of public expenditure demonstrates that
- (A) government is inefficient and will always engage in too much spending.
  - (B) an efficient mix of public goods is produced when local land/housing prices and taxes come to reflect consumer preferences.
  - (C) through government regulation of private industry the optimal level of public good provision is achieved.
  - (D) an optimal (or most efficient) level of output exists for every public good.

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共 6 頁，第 4 頁

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9. You are in the market for a used 2006 Honda Accord. You know that half of the 2006 Accords are lemons and half are peaches. If you could be assured that the Accord you were buying were a peach, you would be willing to pay up to \$10,000. On the other hand, you would only be willing to pay \$2,000 for a lemon. You have no ability to discern whether any particular Accord is a lemon or a peach. Sellers of Accords, on the other hand, are likely to know whether their particular car is a lemon or a peach. Suppose sellers of lemons will sell their cars for \$1,500 or more and peach sellers will be willing to sell their cars for \$8,500 or more. If you are risk neutral, you are willing to offer \_\_\_\_\_ and \_\_\_\_\_ are willing to sell you their car.
- (A) \$2,000 for a car of unknown quality; lemon owners only  
(B) \$5,000 for a car of unknown quality; lemon owners only  
(C) \$8,500 for a car of unknown quality; both lemon and peach owners.  
(D) \$6,000 for a car of unknown quality; lemon owners only
10. In the market for used motorcycles there are high- and low-quality motorcycles. Potential buyers cannot determine prior to purchase whether a motorcycle is high- or low-quality. The following statement that best describes what is likely to happen in this market is:
- (A) The price of a used motorcycle will be very close to the value of a high-quality motorcycle, which will encourage people to sell high-quality motorcycles.  
(B) This is an example of adverse selection, as the buyer will have more information about the quality of the used motorcycle than the seller will.  
(C) Over time the market price of a used motorcycle will increase, as there is more of an incentive for owners of high-quality motorcycles to sell than owners of low-quality motorcycles.  
(D) The price of a used motorcycle will be between the buyer and seller values for low-quality motorcycles. This will encourage people to withdraw high-quality motorcycles from the market

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共 6 頁，第 5 頁

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Demand and cost conditions facing Gwen's Country Curtains

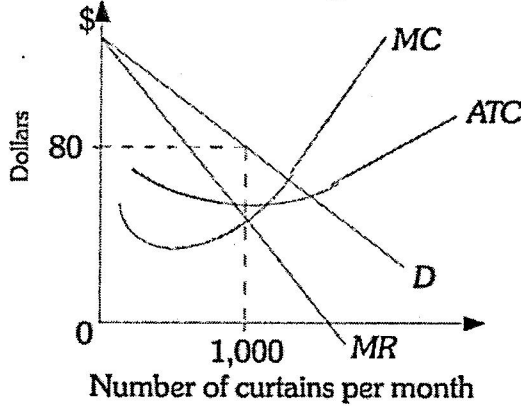


Figure 3.

11. Refer to Figure 3 above. Gwen's Country Curtains is currently manufacturing and selling 1,000 pairs of curtains per month. The firm
- (A) should reduce the number of pairs of curtains it produces and sells to maximize profit.
  - (B) should continue producing and selling 1,000 pairs of curtains; it is already maximizing profits.
  - (C) should raise the number of pairs of curtains it produces and sells to maximize profit.
  - (D) could increase profits by either increasing or decreasing the number of pairs of curtains it manufactures and sells.

Demand and cost conditions for the Chewing Gum Industry

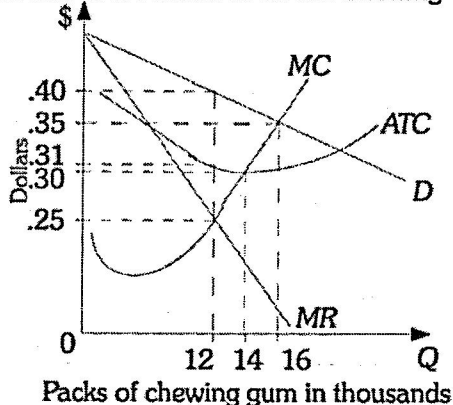


Figure 4

12. Refer to Figure 4 above. Six firms that produce chewing gum form a cartel. The cartel faces the market demand curve given by D. To maximize profits, the cartel should produce \_\_\_\_\_ packs of chewing gum and the price should be \_\_\_\_\_.
- (A) 12,000; \$.25
  - (B) 12,000; \$.40
  - (C) 14,000; \$.30
  - (D) 16,000; \$.35.

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1. 自 2022 年來，因通膨壓力加快美國聯準會 (Fed) 縮表 (shrink balance sheet) 升息腳步，請問 Fed 縮表升息對台灣經濟的影響效果為何？若你是台灣央行總裁會如何因應？
2. 假設 COVID-19 在全球的疫情都已結束，只剩下大陸尚未完全控制。請問大陸若解封時會對台灣經濟造成什麼影響效果？