

國立中山大學 114 學年度 碩士班考試入學招生考試試題

科目名稱：經濟學【企管系企管甲班碩士班甲組、乙組、丙組】

— 作答注意事項 —

考試時間：100 分鐘

- 考試開始鈴響前不得翻閱試題，並不得書寫、劃記、作答。請先檢查答案卷（卡）之應考證號碼、桌角號碼、應試科目是否正確，如有不同立即請監試人員處理。
- 答案卷限用藍、黑色筆(含鉛筆)書寫、繪圖或標示，可攜帶橡皮擦、無色透明無文字墊板、尺規、修正液（帶）、手錶(未附計算器者)。每人每節限使用一份答案卷，請衡酌作答。
- 答案卡請以 2B 鉛筆劃記，不可使用修正液（帶）塗改，未使用 2B 鉛筆、劃記太輕或污損致光學閱讀機無法辨識答案者，後果由考生自負。
- 答案卷（卡）應保持清潔完整，不得折疊、破壞或塗改應考證號碼及條碼，亦不得書寫考生姓名、應考證號碼或與答案無關之任何文字或符號。
- 可否使用計算機請依試題資訊內標註為準，如「可以」使用，廠牌、功能不拘，唯不得攜帶書籍、紙張（應考證不得做計算紙書寫）、具有通訊、記憶、傳輸或收發等功能之相關電子產品或其他有礙試場安寧、考試公平之各類器材入場。
- 試題及答案卷（卡）請務必繳回，未繳回者該科成績以零分計算。
- 試題採雙面列印，考生應注意試題頁數確實作答。
- 違規者依本校招生考試試場規則及違規處理辦法處理。

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共 4 頁第 1 頁

單選題 (共 20 題，每題 5 分，合計 100 分)

1. When a competitive market reaches equilibrium, it indicates:

- (A) All firms have equal costs
- (B) All consumers have equal utility
- (C) Individual consumers and firms have no incentive to change their decisions
- (D) The total welfare of consumers equals the total welfare of producers

2. Assuming other conditions remain unchanged, in the IS-LM model, a reduction in government spending will cause:

- (A) The IS curve shifts right, and the interest rate rises
- (B) The IS curve shifts right, and interest rates fall
- (C) The IS curve shifts left, and the interest rate rises
- (D) The IS curve shifts left, and interest rates fall

3. If an economy was originally in trade balance and the government reduces taxes without decreasing government spending, which of the following is correct?

- (A) The government's debt to foreign countries increases, resulting in a trade surplus
- (B) The government's debt to foreign countries increases, resulting in a trade deficit
- (C) The government's debt to foreign countries decreases, resulting in a trade surplus
- (D) The government's debt to foreign countries decreases, resulting in a trade deficit

4. Which of the following is a cause of cost-push inflation?

- (A) High unemployment rate
- (B) Low unemployment rate
- (C) High oil prices
- (D) Low oil prices

5. In the Lucas model, an unexpected reduction in the money supply will lead to:

- (A) The actual unemployment rate is lower than the natural unemployment rate
- (B) Actual real GDP is less than natural real GDP
- (C) Actual price levels equal expected price levels
- (D) Actual real wages equal expected real wages

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共 4 頁第 2 頁

6. According to Walras' Law, if there are five markets in an economic system:

- (A) At equilibrium, supply and demand are equal in some markets
- (B) The total value of excess demand across all five markets is zero
- (C) At equilibrium, supply and demand are equal in only four markets
- (D) Each of the five markets independently determines its price

7. A farmer can produce up to 150 pounds of cabbage per week. By giving up the production of 2 pounds of cabbage, the farmer can produce an additional 1 pound of peas. Which statement is incorrect?

- (A) The farmer can produce up to 75 pounds of peas per week
- (B) The opportunity cost of producing 1 pound of cabbage is 0.5 pounds of peas
- (C) The farmer has a comparative advantage in producing peas
- (D) The production possibility frontier is a straight line

8. Given the market demand for good X is $p=250-0.5q$ and the supply is $p=75+2q$, if the government imposes a unit tax of 10 per X:

- (A) The reduction in consumer surplus is less than the reduction in producer surplus
- (B) The reduction in consumer surplus is greater than the reduction in producer surplus
- (C) Consumer surplus decreases, while producer surplus increases
- (D) Consumer surplus increases, while producer surplus decreases

9. If the curve of the marginal product of the labor is an inverted U-shape, the short-run marginal cost curve will be:

- (A) U-shaped
- (B) M-shaped
- (C) L-shaped
- (D) Inverted U-shaped

10. Steven has the following three job opportunities: job A has a monthly salary of 40,000 NTD, job B has a 50% chance of 50,000 NTD, and a 50% chance of 32,000 NTD, and job C has a 10% chance of 500,000 NTD, 90% chance of 10,000 NTD. If Steven is a risk-averse person, which job will he choose?

- (A) A job
- (B) B job
- (C) C job
- (D) Unable to determine

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共 4 頁第 3 頁

11. Assuming that the war destroys oil refining equipment and the public expects oil prices to rise, what will happen in the equilibrium market for gasoline, given other conditions remaining unchanged?

- (A) Price increases and quantity increases
- (B) Price increases and quantity decreases
- (C) Price increases and quantity changes cannot be determined
- (D) Changes in price and quantity cannot be determined

12. It is known that the production function is $Q = 2L + 4K$, and the prices of L and K are both 8. Which of the following factor combinations (L, K) will minimize the production cost of 16 units of products?

- (A) (8, 0)
- (B) (4, 2)
- (C) (2, 3)
- (D) (0, 4)

13. If banks fail en masse, then:

- (A) The ratio of currency to deposits increases
- (B) The ratio of currency to deposits decreases
- (C) The ratio of currency to deposits remains unchanged
- (D) If the central bank takes no action, the currency will decrease

14. If a country has a deficit in its international balance of payments, what policy can be adopted to reduce the deficit?

- (A) Lower domestic interest rates
- (B) Depreciation of the domestic currency
- (C) Increase minimum salary
- (D) Appreciation of the domestic currency

15. Compared with neoclassical economics, the emphasis of the endogenous growth theory is different. Which of the following is not its focus?

- (A) Decreasing returns to scale
- (B) Human capital accumulation
- (C) Endogenizing externality
- (D) Learning by doing

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共 4 頁第 4 頁

16. The slope of the demand line reflects the characteristics of the commodity. Possible reasons for the steep slope of the demand line are:

- (A) Lack of complementary goods
- (B) Lack of substitute goods
- (C) Flooding with substitute goods
- (D) Flooding with complementary goods

17. Assume that the market demand curve for Coke is $Q_d = 20 - 2P$ and the market supply curve is $Q_s = -7 + P$, where P is the price and Q_d is Market demand of Coke, and Q_s is the market supply. Suppose the government sets a price ceiling of 8. At this price ceiling, What is the consumer surplus?

- (A) 1
- (B) $5/4$
- (C) $6/4$
- (D) $7/4$

18. The factory director finds that the marginal product of labor for producing a certain product is less than the wage. If he increases the number of employees, it will result in:

- (A) Decline in production
- (B) Decline in marginal cost
- (C) Revenue decline
- (D) Decline in profits

19. According to the Solow growth model, assuming that the population growth rate and the technology growth rate are both zero, in the long-term equilibrium state (steady state), if the marginal product of capital is 0.1, the depreciation rate is 0.1, and the savings rate is 0.2, What is the long-term equilibrium state of capital stock?

- (A) Greater than the Golden Rule level of capital
- (B) Less than the Golden Rule level of capital
- (C) Equal to the Golden Rule level of capital
- (D) May be above or below the Golden Rule level of capital

20. Assume that the price elasticity of demand for game consoles is equal to -2. After the price of game consoles increases, which of the following statements is correct?

- (A) Manufacturer's revenue increases
- (B) Manufacturer's revenue decreases
- (C) Manufacturer's revenue remains unchanged
- (D) Increase in social welfare