

考試科目	經濟學	系所別	國發	考試時間	5月26日 上午第1節 星期六 下午
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國立政治大學圖書館

1. (10%) The chief economic advisor of a small economy makes the following announcement: "We have a good news and bad news: The good news is that we have just had a temporary beneficial productivity shock that will increase output; the bad news is that the increase in output and income will lead consumers to buy more imported goods, and our current account balance will fall." Analyze this statement.
2. (10%) Two countries are identical in every way except that one has a much higher capital-labor ratio than the other. According to the Solow model, which country's total output will grow more quickly? Does your answer depend on whether one country or the other is in a steady state? In general terms, how will your answer be affected if the two countries are allowed to trade with each other?
3. (15%) Assume that prices and wages adjust rapidly so that the markets for labor, goods and assets are always in equilibrium. What effects of each of the following on output, the real interest rate, and the current price level?
 - (a) A temporary increase in government purchases.
 - (b) A reduction in expected inflation.
 - (c) A temporary increase in labor supply.
 - (d) An increase in the interest rate paid on money.
4. (15%) You have been appointed as economic advisor to a law-maker who is preparing to make a TV appearance explaining why he favor \$ 10 billion stimulus package that would build new highway in his election region. Write a brief of 400 words or less to outline the economic argument in favor of a national policy to increase investment.
5. [25分] 甲的效用函數為 $C_x^{0.5} C_y^{0.5}$ ，乙的效用函數為 $C_x^{0.6} C_y^{0.4}$ 。甲擁有 10 單位的 X 財及 20 單位的 Y 財。乙擁有 10 單位的 X 財及 20 單位的 Y 財。
 - [a] (5分) 甲及乙二人會進行交易嗎？為什麼？
 - [b] (10分) 請計算出甲及乙二人的需求函數。
 - [c] (10分) 計算完全競爭均衡時，甲乙人數同比例增加時，對均衡的價格會有什麼影響？請詳述理由。
6. [25分] 比較利益是分析國際貿易很重要的觀念。請問比較利益形成的原因有那些？一國的教育政策如何影響該國產業在國與國間的比較利益型態？

考試科目	英文	所別	國貿所	考試時間	5月26日 星期六	第二節
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國立政治大學圖書館

一、請改正下列的句子。(40%)

1. She is so a lovely girl that she is loved by everyone.
2. Numbers of applicants are going to call on his office.
3. The earthquake had them worried all night.
4. Do you like to go on a hike tomorrow?
5. I am studying French these three years.
6. I would give you my favorite book had she had smiled at you.
7. The climate of Japan is milder than Canada.
8. Juliet is taller than any girl in her class.
9. Jim has lived in that house for five years, when he decided to move to Los Angeles.
10. Her thesis is more perfect than his.

二、英翻中。(30%)

I set out for India by going due east, via Frankfurt. I had Lufthansa business class. I knew exactly which direction I was going thanks to the GPS map displayed on the screen that popped out of the armrest of my airline seat. I landed safely and on schedule. I too encountered people call Indians. I too was searching for the source of India's riches. Columbus was searching for hardware—precious metals, silk, and spices—the source of wealth in his day. I was searching for software—brainpower, complex algorithms, knowledge workers, call centers, transmission protocols, breakthroughs in optical engineering—the sources of wealth in our day. Columbus was happy to make the Indians he met his slaves, a pool of free manual labor. I just wanted to understand why the Indians I met were taking our work, why they had become such an important pool for the outsourcing of service and information technology work from American and other industrialized countries. (T. Friedman, 2005)

三、中翻英。(30%)

賽局理論是一套有系統的策略分析工具。它假設參賽者對於對手會採取的行動有合理的預期，根據這些預期，每一位參賽者會選擇對自己最有利的策略。經濟學家常利用賽局理論來分析寡占廠商之間的互動行為，也從中獲得豐碩的研究成果。不過要學好賽局理論並不容易：學生除了要有紮實的數學基礎外，也要能精確掌握各種均衡的定義。

備 考 試 題 隨 卷 繳 交

命 題 委 員 : 083 (簽章) 96 年 5 月 14 日

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2. 書寫時請勿超出格外，以免印製不清。
3. 試題由郵寄遞者請以掛號寄出，以免遺失而示慎重。