

國立臺北科技大學九十八學年度碩士班招生考試

系所組別：4220 商業自動化與管理研究所乙組

第二節 經濟學 試題

第一頁 共一頁

注意事項：

1. 本試題共 5 題，每題 20 分，配分共 100 分。
2. 請標明大題、子題編號作答，不必抄題。
3. 全部答案均須在答案卷之答案欄內作答，否則不予計分。
4. 作答時可採用中文。
5. 題型皆為「是非問答題」，請先回答「是」或「否」，再依題目要求，用圖形及文字說明你的理由。

1. If a small country imposes a tariff on an imported good, domestic sellers will gain producer surplus, the government will gain tariff revenue, and domestic consumers will gain consumer surplus.

Is the above statement true or false? Please draw a graph to show the effect of international trade on an importing country, and then the effect of tariff imposed on this imported product. In addition, make a table to explain the changes of consumer surplus, producer surplus, government revenue, and total surplus before and after the tariff. Is there a deadweight loss?

2. “Efficiency wages create structural unemployment.”
“Firms might offer efficiency wages in order to attract a better pool of applicants.”

Are the above two statements true or false? In your answer, explain the theory of efficiency wage, give 2 to 3 underlying reasons to explain how the efficiency wages might work.

3. “An increase in the government budget deficit would cause a surplus of loanable funds at the original interest rate, which would lead to rising interest rate.”

Is the above statement true or false? In your answer, please draw a diagram of the loanable funds market, and show the effect of government budget deficit on the interest rate and the equilibrium quantity of loanable funds.

4. “Improvement in farm technology which increases the farm productivity can be bad for farmers.”

Is the above statement true or false? In your answer, draw a supply-demand diagram of the farm product market (e.g., rice or wheat), and show the effect on farmers’ revenue after the introduction of new farm technology. In addition, what is the major underlying assumption you have made to tell whether farmers are hurt or helped by this farm technology?

5. “Reducing tax rates would increase tax revenues.”

Is the above statement true or false? What is the major underlying assumption you need to make to draw the conclusion? In your answer, illustrate on three supply-demand diagrams how the size of a tax (small, medium and large) can alter the tax revenue and deadweight loss.

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