

國立台灣科技大學九十五學年度博士班招生試題

系所組別：企業管理系博士班乙組

科 目：經濟學

[總分 100 分]

- 1、(25 分) 自公元 2000 年至今，在六年間共計有十三位極端傑出之經濟學家榮獲諾貝爾經濟學獎之殊榮。請至少舉出其中五位得獎學者，並具體說明其在經濟學術領域的主要成就與貢獻。

- 2、(25 分) 去年(94)12月9日政府三讀通過「所得基本稅額條例」，並於95年1月1日起正式實施。請回答下列問題：
 - (1) 何謂「所得基本稅額條例」？(5分)
 - (2) 為何我政府要實施「所得基本稅額條例」？(10分)
 - (3) 請分析實施「所得基本稅額條例」對個人稅負的影響效果。(10分)

- 3、(15分) Consider two firms competing in a semiconductor industry. One firm – TSMC – is contemplating an investment in a new production technology. This new technology will result in efficiencies that will lower its variable costs of production. TSMC's competitor, United, Co., does not have the resources to undertake a similar investment. TSMC's corporate financial planning staff has studied the proposed investment and reports that at current output levels, the present value of the cost savings from the investment is less than the cost of the project, but just barely so. Now, suppose that TSMC hires you as a consultant. You point out that a complete analysis would take into account the effect of the investment on the market equilibrium between the TSMC and United Co. What would this more complete analysis say about the desirability of this investment? (**You must use reaction-curve diagram to explain your answer.**)

國立台灣科技大學九十五學年度博士班招生試題

系所組別： 企業管理系博士班乙組

科 目： 經濟學

- 4、(5分) Please answer the following questions:
- (a) A steals from B successfully. Is that a production? Why?
 - (b) A new invention displaces some other producers. Is that a production? Why?
- 5、(10分) A new professor hits upon a sparkling teaching style and is rewarded with a high salary. Has she had a profit? Why?
- 6、(10分) “Large corporations have so much of their own funds that they do not have to borrow in the capital-funds markets in order to make new investments. They are therefore immune to interest rates in the capital markets so that their investments are not screened as are those of investors seeking funds in the capital markets. Compare to small corporations, large corporations, therefore, can make their investments to pursue the long term benefits.” Make a comment on this statement.
- 7、(10分) “A rise in the price of residential land tends to push up the price in housing market.” Make a comment on this statement.