

國立臺灣海洋大學 103 學年度研究所碩士班招生考試試題

考試科目：經濟學

系所名稱：航運管理學系碩士班乙組

1. 答案以橫式由左至右書寫。2. 請依題號順序作答。

1. Support that a market is described by the following supply and demand curves:
 $Q_S = 2 * P$
 $Q_D = 300 - P$
 - a. Solve for the equilibrium price and equilibrium quantity.
 - b. Suppose that a tax of \$10 is placed on buyers so what is the new demand curve?
 - c. What happens to the price received by sellers, the price paid by buyers, and the quantity sold? (25%)
2. What is Nash Equilibrium? Please give a numerical example, and explain it. (25%)
3. 請根據以下數字計算出各年的 Real GDP。並算出 GDP deflator。(25%)

	Price of A	Quantity of A	Price of B	Quantity of B
2005	\$ 2	150	\$ 4	200
2006	\$ 3	250	\$ 5	300
2007	\$ 4	350	\$ 6	400

4. 請問什麼叫做 Fisher Effect?(When the Fed increases the rate of money growth, the long-run result is both a higher inflation rate and a higher nominal interest rate. This adjustment of the nominal interest rate to the inflation rate is called the Fisher effect.) (25%)