

國立臺北大學 110 學年度碩士班一般入學考試試題

系（所）組別：財政學系
科 目：經濟學

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☐可 ☒不可使用計算機

Answer all questions. For full credit you must show all your work.

1. 名詞解釋 (30%, 5% each)

- (1) GDP
- (2) Unemployment rate
- (3) Marginal propensity to consume
- (4) Current account
- (5) The AD curve
- (6) Monetary neutrality

2. 請以 Solow Model 及 AK Model 分析說明人口成長率上升對長期經濟成長及平均每人產出的影響。(10%)

3. Use the IS—LM model with flexible exchange rate to determine the effects on the general equilibrium values of the real wage, output, the real interest rate, exchange rate, and the price level in the domestic and foreign economy when there is a foreign monetary expansion. (10%)

4. Analyze the income and substitution effects of the impact of a falling price with a step by step reasoning. (16%)

5. The normal form of a game between a husband and a wife is shown below.

		Player B (Husband)	
		Ballet	Boxing
Player A (Wife)	Ballet	2, 1	0, 0
	Boxing	0, 0	1, 2

(1) Is there any pure or mixed strategy equilibrium? If there are, what are they? (8%)

(2) Assume that the modern society follows the two principles: “Lady first” and “reciprocity”, which means they go to ballet together in the first round and then go to boxing together next time and so on. Show that the payoff of this “focal point” equilibrium is greater than that of mixed strategy. (6%)

(3) Which equilibrium is more plausible to you? Why? (4%)

6. Suppose buying health insurance is a behavior without externality, it follows that we better to let free market to decide its price. Do you agree or disagree the above statement. (Analyze it with appropriate models.) (16%)

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