

# 國立臺北大學 102 學年度碩士班一般入學考試試題

系(所)組別：國際企業研究所

科 目：經濟學

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可 不可使用計算機

**Short-essay questions: All questions may be answered in EITHER English OR Chinese.** Please note that you are allowed to make necessary assumptions for conducting the analysis.

1. Please graphically analyze the impact of expansionary fiscal policy on the equilibrium interest rate, exchange rate, general price level, net export and GDP of the economy under: (20%)
  - (a) flexible exchange rate regime. (10%)
  - (b) fixed exchange rate regime. (10%)
2. The U.S. Fed's decision to implement a third round of quantitative easing (QE3) spurred global capital markets on September 14, 2012. In 2013, Japanese government of Shinzo Abe announced a large stimulus program of quantitative easing (QE), seeking to boost GDP growth by 2%. (30%)
  - (a) Please compare and contrast the QE1-QE3 of US, the QE of Japan, and the LTFO (Long-Term Refinancing Operation) of European Union. (4%)
  - (b) Please graphically explain why QE3 of US sent Taiwan shares up sharply on September 14, 2012. (8%)
  - (c) Please graphically analyze the impact of Japanese (Shinzo Abe's) quantitative easing on the equilibrium interest rate, exchange rate, general price level, net export and GDP of Japan and Taiwan economies, respectively. (10%)
  - (d) "Based on the corresponding status of the economy and general price level in Japan, Shinzo Abe's quantitative easing makes Japan have a 'free lunch' and eat it too!" If the above statement is correct, what does it mean by a 'free lunch' in the above statement? Please graphically justify the above statement if the above statement is correct. (8%)
3. A monopolist uses one input,  $X$ , which she purchases at the fixed price  $r = 4$  to produce her output,  $Q$ . Her demand and production functions are  $p = 80 - 3q$  and  $q = 2\sqrt{x}$  respectively. Please determine the values of  $p$ ,  $q$ , and  $x$  at which the monopolist maximizes her profit. (25%)
4. The long-run cost function for each firm that supplies  $Q$  is  $C = q^3 - 6q^2 + 15q$ . Firms will enter the industry if profits are positive and leave the industry if profits are negative. Describe the industry's long-run supply function. Assuming that the corresponding demand function is  $D = 2100 - 150p$ . Determine the equilibrium price, aggregate quantity, and number of firms. (25%)

試題隨卷繳交