

國立臺北科技大學 114 學年度碩士班招生考試

系所組別：4203 經營管理系碩士班

第二節 經濟學 試題 (選考)

第 1 頁 共 1 頁

注意事項：

1. 本試題共 4 題，每題 25 分，共 100 分。
2. 不必抄題，作答時請將試題題號及答案依照順序寫在答案卷上。
3. 全部答案均須在答案卷之答案欄內作答，否則不予計分。

1. Refer to Figure 1, answer the following questions.

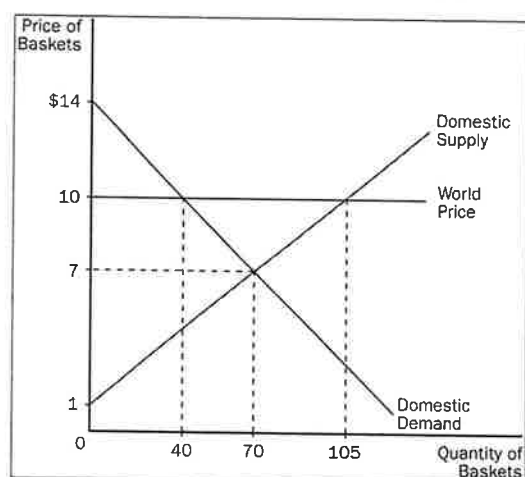


Figure 1

- (1) According to the graph, without trade, calculate the consumer surplus. (5 points)
- (2) According to the graph, without trade, calculate the producer surplus (5 points)
- (3) With free trade, will this country import or export baskets? (2 points) How many baskets would this country import/export? (3 points)
- (4) According to the graph, with free trade, calculate the consumer surplus. (5 points)
- (5) According to the graph, with free trade, calculate the producer surplus. (5 points)

2. Based on the following five statement:

- (A) Dora lost her job when the textile mill closed. She does not have skills to work in another industry and has been unemployed for over a year.
- (B) Marsha was laid off from her job with the airline because the recession has reduced the demand for airline travel. She expects to get her job back when the economy picks up.
- (C) George is an unskilled worker who mows lawns in the summer, but is unemployed the rest of the year.
- (D) Mike, an unskilled worker, had a job as sweeping the floors in a store until his employer fired him when the minimum wage was increased. He has been unemployed for several months since.
- (E) Hector looked for a job for five weeks after finishing college. He turned down several jobs that didn't use his skills, but now has a job requiring the expertise he gained in college.

Identify which statement (A to E) is an example of:

- 1) cyclical unemployment? (5 points)
- 2) structural unemployment? (5 points)
- 3) frictional unemployment? (5 points)

Choose your answer from (A-E), and then explain the reason for selecting these statements. (10 points)

3. The university bookstore is giving away a free calendar to every student who buys at least one new textbook before the first day of the semester. If you receive a calendar, the scarcity principle does not apply because the calendar is free.
Is the above statement true or false? (5 points) Explain. (20 points)
4. Suppose that the government decides to issue tradable permits for a certain form of pollution. Does it matter for economic efficiency whether the government distributes the permits or auctions the permits? (5 points) Why or why not? Explain. (20 points)