

## Study Questions

### Lecture 5 Tariffs

#### Part 1: Multiple Choice

Select the **best** answer of those given.

1. A specific tariff is
  - a. Any tax on a particular imported good (as opposed to one on all imports).
  - b. An import tax that must be paid in kind (giving the government the good itself).
  - c. A requirement to pay the government a specified fraction of the monetary value of an imported good.
  - d. A tax on imports defined as an amount of currency per unit of the good.
  - e. The revenue that the government earns by auctioning off import quotas.
  
2. A tariff on imports benefits domestic producers of the imported good because
  - a. They get the tariff revenue.
  - b. It raises the price for which they can sell their product on the domestic market.
  - c. It prevents imports from rising above a specified quantity.
  - d. It reduces their producer surplus, making them more efficient.
  - e. All of the above.
  
3. When a large country levies a tariff on imports
  - a. The world price falls.
  - b. Demanders of the good on the domestic market are hurt
  - c. Foreigners are hurt.
  - d. The domestic price rises by less than the tariff.
  - e. All of the above.

4. Starting from free trade, when a tariff is applied to imports in a small country, which of the following increase?
- I. Domestic output
  - II. Domestic demand
  - III. Domestic price
  - IV. Tariff revenue
  - V. Quantity of imports
- a. I and III only
  - b. II, and IV only
  - c. I, III, and IV only
  - d. All but V
  - e. II and V only
5. According to the assigned article by Feenstra
- a. The efficiency costs of U.S. protectionism are quite small, less than one percent of U.S. GDP.
  - b. The rents from U.S. quantitative restrictions are much smaller than the deadweight losses that they cause.
  - c. The deadweight loss due to protection consists primarily of lost quota rents.
  - d. The deadweight loss due to U.S. protection is large, more than 7% of U.S. GDP.
  - e. The losses to foreigners due to U.S. protection are negligible, and can be ignored in estimating the global effects of U.S. trade policies.
6. Suppose that the tariff on shirts is 20% while the tariff on the cloth used to make the shirts is also 20% and there is no tariff on any of the inputs needed to produce cloth. The tariff on cloth is now reduced to 10%. Which of the following, if any, is *not* true? (Answer e if all of a-d are true.)
- a. The nominal rate of protection on cloth is reduced.
  - b. The effective rate of protection on cloth is reduced.
  - c. The nominal rate of protection on shirts is unchanged.
  - d. The effective rate of protection on shirts is unchanged.
  - e. None. All of the above are true.
7. Which of the following refers to the fact that a large country can benefit by levying a tariff?
- a. The “optimal tariff”
  - b. The “terms of trade effect of a tariff”
  - c. The “monopoly effect of a tariff”
  - d. All of the above
  - e. None of the above

8. The WTO's Agreement on Textiles and Clothing promised
  - a. To prevent job losses in these industries in developed countries.
  - b. To phase out all quotas on textiles and apparel by Dec. 31, 2004.
  - c. To eliminate tariffs on these products in the next round of trade negotiations.
  - d. To help developing countries escape from these dead-end industries.
  - e. To assign feasible export targets to each developing country.

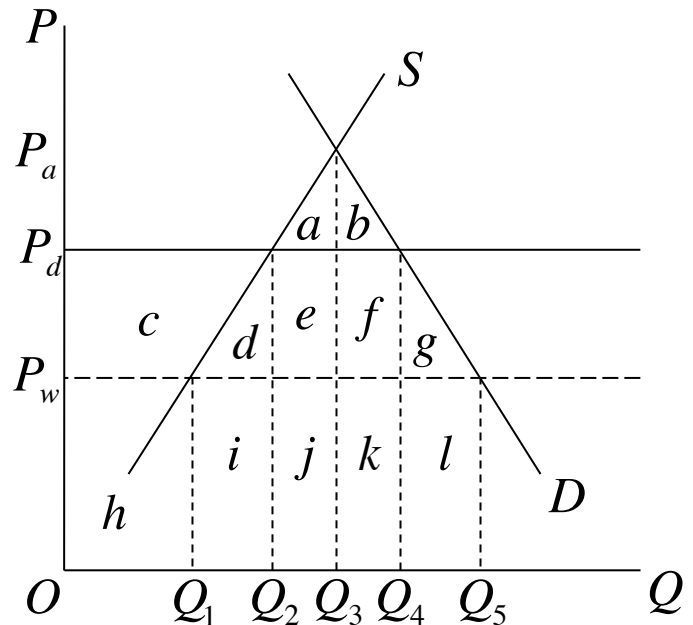
**Part II: Short Answer**

Answer in the space provided.

1. About how high are U.S. tariffs today? Answer this by checking one box in each row of the following table, indicating which of the ranges best describes the tariffs or tariff averages indicated.

	0 - 10%	10 - 40%	40 - 100%	100 - 500%
Average tariff on all US imports				
US tariff on cars				
US tariff on trucks				
US tariffs on textiles				
US tariff on steel				

2. The figure at the right shows a country's domestic supply and demand curves,  $S$  and  $D$ , for a good, as well as the world price of the good,  $P_w$ , that it faces, as a small country, on the world market. Initially, however, the country is not trading freely, but is instead imposing a tariff on imports of this good that causes the domestic price to be  $P_d$ , as shown.



- a. Identify the autarky price in the figure, and label it  $P_a$ .
- b. Identify the size of the tariff in the figure, and label it  $t$ .

- c. Various quantities are labeled on the axes as  $Q_1$ ,  $Q_2$ , ..., etc., while several areas in the figure have been labeled  $a$ ,  $b$ ,  $c$ , ... etc. Use these labels to identify the following in the blanks provided:

The quantity produced in autarky..... \_\_\_\_\_

The quantity produced domestically with the tariff \_\_\_\_\_

The change in quantity demanded if the tariff is removed..... \_\_\_\_\_

The value (price times quantity) of imports in the presence of the tariff, valued at the world price \_\_\_\_\_

The tariff revenue..... \_\_\_\_\_

The loss of producer surplus when the tariff is removed..... \_\_\_\_\_

The gain in consumer surplus when the tariff is removed..... \_\_\_\_\_

The dead-weight loss due to the tariff..... \_\_\_\_\_

3. Define the following terms:

a. Specific Tariff

b. Dead Weight Loss

c. Collective Action

d. Consumer Surplus

4. Compare the effects of a tariff of given size in a small country and a large country by filling in the blanks below with “more than,” “less than,” or “the same amount as.” (Assume that the countries you are comparing have the same domestic supply and demand curves and face the same initial world price.)

- |   |                            |
|---|----------------------------|
| a. Domestic price rises in the large country by _____             | _____ in the small country |
| b. Domestic quantity supplied rises in the large country by _____ | _____ in the small country |
| c. Quantity imported falls in the large country by _____          | _____ in the small country |
| d. Tariff revenue rises in the large country by _____             | _____ in the small country |
| e. Consumer surplus falls in the large country by _____           | _____ in the small country |