

## Study Questions

### Lecture 23 Environment, Labor Standards, and Trade

#### Part 1: Multiple Choice

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

1. Which of the following is **not** an example of a negative externality?
  - a. Air pollution caused by coal-fired electricity generation.
  - b. Drowning of dolphins accidentally trapped in the nets of tuna fishers.
  - c. Reduced fertility of soil when a farmer fails to rotate crops on his land.
  - d. Emission of sulfur dioxide into the air by automobiles.
  - e. Runoff of fertilizer from cropland into streams and rivers.
  
2. Which of the following policies deals optimally with a polluting industry?
  - a. Pass and effectively enforce a law that prevents the industry from polluting.
  - b. Tax producers, setting the tax equal to the harm done to others by their pollution.
  - c. Issue permits for each producer to pollute at only half the level that they have done in the past, and make it illegal to pollute more than that.
  - d. Issue permits for each producer to pollute at only half the level that they have done in the past, and allow producers to buy and sell these permits among themselves.
  - e. Use no policy at all, except to let the market determine behavior in the industry.

3. Suppose that production of steel pollutes the air, causing respiratory problems both for the local population and for people in neighboring countries.
  - a. The steel industry will need to be subsidized, since otherwise no one will produce steel for fear of harming their neighbors.
  - b. Each country's government should provide health care for the affected people.
  - c. No policy is necessary, as steel producers will limit pollution themselves to the extent that they can do so at reasonable cost.
  - d. Each country's government will regulate steel for the benefit of their local population, and this will be optimal for the neighboring countries as well.
  - e. Separate country governments have incentive to under-regulate or under-tax their own producers, since part of the harm is borne abroad.
  
4. Should all countries have the same environmental standards?
  - a. Yes. Otherwise countries with low standards will have an advantage in international trade.
  - b. Yes. The environment is a global problem and needs to be dealt with globally.
  - c. No. Sovereign nations have the right to set their own standards.
  - d. No. The costs and benefits of environmental standards vary across countries, requiring different standards.
  - e. It doesn't matter. Environmental standards are ineffective anyway.
  
5. In the "shrimp-turtle" case,
  - a. The EU placed a tariff on imports of turtles under a certain size.
  - b. France banned imports of shrimp that had been genetically modified to taste like turtles.
  - c. The United States banned imports of shrimp from countries that failed to use turtle excluder devices.
  - d. Mexico complained to the WTO that its shrimp fishing industry was being devastated by hungry turtles exported by the US.
  - e. China was accused by Japan of dumping toys that were made from the shells of shrimp and turtles.

6. Which of the following is **not** included as one of the “Fundamental” labor standards according to the ILO?
  - a. Payment of a minimum wage
  - b. Elimination of child labor
  - c. The right to collective bargaining
  - d. Abolition of forced labor
  - e. Avoidance of discrimination
  
7. Which of the following best characterizes the extent to which countries have ratified the fundamental conventions of the International Labour Organization?
  - a. The United States and other developed countries have ratified all of them, while most developing countries have ratified only a few, if any.
  - b. The United States has ratified more of them than any other country and is putting pressure on others, both developed and developing, to do the same.
  - c. The ILO is a very new organization, and only a handful of countries have yet ratified any of its conventions.
  - d. All but two of the fundamental conventions have been ratified by well over 100 countries, including the United States.
  - e. Most countries of the world have ratified most of the fundamental conventions, but the United States has not.
  
8. Which of the following is **not** one of the labor standards that the United States has required that certain developing countries enforce in return for preferential treatment of their exports into the U.S.?
  - a. Minimum wage
  - b. Minimum age for employment
  - c. Minimum hours of work
  - d. Freedom of association
  - e. The right to organize

9. What, according to the assigned reading by Porter, “Globalization That Works for Workers at Home,” might succeed in improving the conditions of workers in the United States?
- a. Reduce the minimum wage so that more workers will be employed.
  - b. Use a trade agreement with Europe to raise US labor standards to European levels.
  - c. Revise NAFTA to prevent US firms from relocating to Mexico.
  - d. Attract greater investment in the US by firms from China.
  - e. Nothing: US labor standards are already the highest in the world.

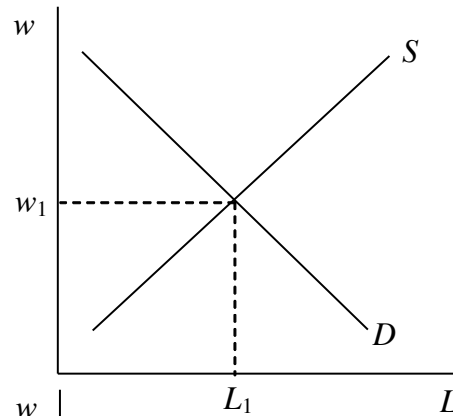
**Part II: Short Answer**

Answer in the space provided.

1. Define or explain:
  - a. Montreal Protocol
  
  
  
  
  
  
  
  - b. Race to the bottom
  
  
  
  
  
  
  
  - c. Pollution haven
  
  
  
  
  
  
  
  - d. Produce-more-pollute-more model
  
  
  
  
  
  
  
  - e. The tuna-dolphin case

2. Starting from the assumed equilibrium situations in the labor markets shown in the graphs below, show how the introduction of the stated labor standard would alter the situation. Determine in particular how the standard would change the wage, the income of employed workers, and the levels of employment and unemployment. What can you say, if anything, about whether the standard improves the average well being of those who want to work?

- a. A minimum wage set higher than  $w_1$ .



- b. A safety regulation that costs employers more per hour worked.

