

Chapter 10 Drill

Directions: Each of the questions or incomplete statements below is followed by four suggested answers or completions. Select the one that is best in each case. For answers and explanations, see Chapter 13.

- The release of CFCs was banned under an international treaty written in which of the following cities?
 - Montreal
 - New York
 - New Delhi
 - Kyoto
- Which of the following is a function of the Hazardous Materials Transportation Act?
 - Dictates how sanitary landfills are to be built
 - Defines which materials are labeled “hazmat”
 - Limits point source water pollution
 - Defines the maximum amounts of six different air pollutants
- Which of the following policies prevents the harassment, capture, injury, or killing of all species of whales, dolphins, seals, and sea lions, as well as walruses, manatees, dugongs, sea otters, and polar bears?
 - National Fisheries Act
 - CITES
 - Clean Water Act
 - The Marine Mammal Protection Act
- When a large federal project might have a significant impact on the environment, which of the following must be drafted?
 - A cost-benefit analysis
 - An interagency review
 - A report from the geographical information system
 - An environmental impact statement
- Rachel Carson described which of the following problems to Americans?
 - Pesticide bioaccumulation and poisoning
 - The beauty of nature
 - Loss of sustainable forest practices
 - The problem of the “Tragedy of the Commons”
- Which of the following established the “emissions trading policy”?
 - Clean Water Act
 - Resource Conservation and Recovery Act
 - Asbestos Hazard Emergency Response Act
 - Clean Air Act
- All of the following deal with the study of environmental economics EXCEPT
 - the study of the impact of goods on the ecosystem
 - understanding the economic cost of pollution
 - developing policy alternatives to pollution-based industry
 - the location of new mineral reserves
- The listing of threatened species and the purchase of land to protect their habitats is legislated in which of the following?
 - Federal Noxious Weed Act
 - Endangered Species Act
 - Convention on Biological Diversity
 - Fish and Wildlife Conservation Act
- Which of the following philosophies would be held by someone with a holistic viewpoint on the management of the Earth’s resources?
 - There are no problems; let’s do whatever we want.
 - The free market works best, and the government should not interfere.
 - We can manage most problems with technology.
 - The biodiversity of the Earth is the most important issue, and we need it to sustain us.

10. Which of the following best describes the goal of environmentally sustainable economic growth?
- (A) Allowing rapid population growth so there will be more workers
 - (B) Exploration to find more natural resources
 - (C) Increasing the quality of goods without depleting the natural resources needed to make the goods
 - (D) Cutting down forests and replacing them with rangeland
11. A cap-and-trade policy might be effective in controlling which type of the following pollutants?
- (A) Thermal pollution in rivers
 - (B) Organic waste pollution in oceans
 - (C) Underground water pollutants
 - (D) Carbon dioxide in the atmosphere
12. Which of the following can be classified as an NGO?
- (A) World Wildlife Fund
 - (B) Bureau of Land Management
 - (C) Fish and Wildlife Commission
 - (D) International Trade Commission

Free-Response Question

1. The town council of Hilltop Valley has just received a proposal from its advisory panel to build a new coal-fired power plant on the western edge of the county where Hilltop Valley is located. The plant will be located along the back of the county's major river so that water can easily be transported to the plant.
 - (a) **Describe** TWO parts of the Clean Air Act that will impact the building of this plant. Give ONE example of a compound that would be impacted under the National Ambient Air Quality Standards (NAAQS) and discuss the regulation of hazardous air pollutant levels.
 - (b) **Describe** TWO positive and TWO negative impacts that the plant might have on the region.
 - (c) Opponents of the plant say that they will use the Endangered Species Act (ESA) to prevent the plant's construction. **Describe** how the ESA could be successfully used to stop construction.
 - (d) **Describe** a goal of the Pollution Prevention Act of 1990 and give ONE example of how the plant can reduce a pollutant it might emit.