Resource Issues: Key Issue 4

**Why can resources be conserved?**

Rubenstein, pp 495-497

* **Sustainable Development**

1. What is sustainable development?
2. The Brundtland Report recognized sustainable development as a combination of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. When considering sustainable development one must consider the importance of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ growth while \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ natural resources.
4. Why is the above statement true?
5. As China developments what is happening to the environment, and why?
6. (Figure 14-19) As a country’s GDP per capita \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, discharge of sulfur dioxide \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, until GDP reaches about $5,000. Then, discharges tend to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ as a country begins to spend money on pollution-control devices.
7. Explain each of the criticisms about sustainability development.

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| World Wildlife Fund (WWF) |  |
| Others |  |

* **Biodiversity**

1. Define biodiversity.
2. Having a large diverse population of plants and animals is important to the value of Earth. How are human’s actions affecting biodiversity?
3. Biodiversity is more important in tropical rainforests. Tropical rainforests contain…….
   1. \_\_\_\_\_\_% of Earth’s land area
   2. \_\_\_\_\_\_\_\_\_\_world’s species
   3. \_\_\_\_\_\_\_\_\_\_vascular plant species
   4. \_\_\_\_\_\_\_\_\_\_ avian species
4. The principal reason for the high rate of extinction is because of rapid deforestation. So why would governments support this behavior?