

## **Sustainability and Understanding the Environment Exam STUDY GUIDE**

1. What is sustainable development?
2. What is sustainable yield?
3. Be able to recognize practices and policies that support a sustainable environment.
4. What is meant by carrying capacity?
5. Know the difference between perpetual, renewable, and nonrenewable resources.
6. Be able to cite examples of perpetual, renewable, and nonrenewable resources.
7. Who wrote Tragedy of the Commons? What is the main message of Tragedy of the Commons?
8. Be able to recognize real life examples of Tragedy of the Commons.
9. Be able to analyze a situation and be able to identify which environmental ethic it is most in line with.
10. Know the differences between the 3 types of environmental ethics.
11. Be able to answer any of the Lorax study guide questions.
12. How is environmental science different from the study of ecology?
13. What is environmental degradation?

14. Be able to recognize situations that lead to environmental degradation.
15. What are the two main purposes of governmental subsidies?
16. Understand the difference between subsidies, tax credits, tax breaks, and rebates.
17. What are two main government practices/policies that are put into place to deter nonsustainable behavior?
18. Know the case studies concerning the Grand Banks cod and the Barents Sea and how they relate to Tragedy of the Commons.
19. What are the four main stages in cultural development that have affected sustainability?
20. Know all of the historical facts and environmental impacts of the four main stages in cultural development.
21. What was the key transition that helps define the Industrial Revolution?
22. Be able to calculate savings as a result of tax credits and other incentives, as performed in the "Schneck Case Study"
23. What are the advantages of vegetated (green) roofs?
24. What are the two classifications of mineral resources? Give examples of each.
25. What are the 4 main examples of energy resources?
26. Know the Tragedy of the Commons vocabulary (3 out of 11 words will be tested).
27. Tragedy of the Commons discussion questions (2 out of the 15, either exactly as written or slightly adjusted)