**APES Unit 1 Review Guide**

You should try to answer the questions on your own first to see how much you remember. The questions you don’t remember, use your study guides, notes, labs, book, etc. to help you answer the questions correctly. Remember ­ it takes your brain at least 3 times to remember a piece of information!!

1. What is exponential growth? Be able to recognize the graph that exhibits exponential growth and discuss the effects exponential growth has on the environment.

2. Describe environmental science. What is it? What is not?

3. Define sustainability. What are the 3 principles of sustainability?

4. What is natural capital and why is it important?

5. Define environmental degradation.

6. Explain a basic nutrient cycle. Why is this important to environmental science?

7. Define the GDP and what it shows about a country. Compare the GDP to the per capita GDP.

8. Explain the GDP PPP.

9. Explain some difference between developed and developing countries.

10. Differentiate between renewable, non­renewable, and perpetual resource.

11. Define sustainable yield.

12. Define ecological footprint. Discuss some ways to reduce your ecological footprint.

13. What is poverty? How is this related to population growth?

14. Define Pollution and its sources.

15. Discuss the role of Environmental Ethics. What are the examples of Environmental Ethics?

16. What are the 5 basic causes of environmental problems.

17. Compare Tentative and Reliable Science

18. Be able to define the 3 different environmental worldviews.

19. Identify Fossil Fuels and know how they are used.

20. What is the Tragedy of the Commons and what can we learn from this to improve our future.