

Study Guide: An Overview of Environmental Science

Mrs. Côté

Name: _____

Enviro. Science 120

1. What is environmental science and what does it encompass?
2. Explain how the Environmental movement started, changed and what it is made up of today.
3. Give examples of local, regional and global issues and explain their environmental, social and economic factors or impacts.
4. What is an ecological footprint and how does it relate to the Earth? Was yours good, bad and how could you improve it?
5. What is the difference between the western and deep ecology worldviews?
6. Explain what the planetary management, stewardship and environmental wisdom worldviews are.
7. What is the value of industrialized hemp?
8. What is a population and what are the 7 limiting factors that can be put upon a population? Explain each of these limiting factors using a population of your choice.
9. What is a carrying capacity and how is it applied to populations? Why is it so hard to apply the carrying capacity to our population?
10. What happens to a population when it reaches its carrying capacity? What happens to a population when it does not have a carrying capacity applied to it? What tends to cause this in nature?
11. How has the human population grown? What are some occurrences in history that has caused our exponential growth and what has caused the one dip in our population?
12. When we look at the distribution of populations around the world why does it make sense that the most densely populated areas are where they are, think of our history while answering.
13. Explain why we see developing countries having a faster growth rate than developed countries? Is this getting better? Explain.
14. Is Canada's population decreasing, explain what factors are that cause of this. What are some positive and negative impacts of a declining population.
15. Is NB's population growing or decreasing, explain why this is so. Urbanization is a big part of NB's population movement currently, what is this and why does it happen?
16. What are Canada and NB's resources, give an example of one that is natural, non-renewable and replenishable.
17. What is natural capital and how does it relate to natural income? What are some examples of Canada's natural capital?
18. Explain what using natural capital sustainably does compared to using it unsustainably.
19. What is overpopulation and what are some of the causes, effects and solutions to it are.