

AP Biology 047 – Ecosystems

Video Review Sheet

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1. What is an ecosystem?
2. What is primary productivity?
3. Name and describe the two impacts on an ecosystem.
4. Humans often times make changes, that are quick and can lead to:
5. What are producers?
6. What do we measure primary productivity in? (units)
7. How is carbon added?
8. How is primary productivity measured in an aquatic environment?
9. What do food chains measure?
10. What is a trophic level? And what is Level 1? 2? 3? 4?
11. Define consumer
12. Which way do the arrows go in a food chain?....and how can you remember?
13. What does a food web show?
14. Each organism has an _____ to live where they are.
15. Initially, all growth is:
16. As you grow, there start to be _____ factors. Name the two.
17. All growth, eventually become _____

18. What is “K”?

19. Describe what happened in Yellowstone Park with the introduction of the wolves? (Just the wolf population)

20. How does the wolf population relate to the elk population?

21. Example of man’s impact on an ecosystem:

a. Whitebark Pine produces:

b. _____ feed on them. The nuts are stored in _____

c. Grizzly bears _____ the abandoned middens.

d. Global climate change is impacting the number of Whitebark Pine populations which will eventually impact...DRAW A FLOWCHART (simple diagrams) showing the impact: