Name:

Ecology test

Answer each question fully. Be sure to use the vocabulary that we have learned in your answers.

1. Explain why fish like tuna and large sea mammals have a much higher concentration of toxins like mercury or PCBs than the surrounding water. What is the term for this process?
2. Explain what humans are doing to add more carbon dioxide to the atmosphere and what affect this is having on our planet. Throw in why we’re having more hurricanes.
3. What are the two leading causes of species extinction? Explain each and give an example.
4. Draw a population growth curve for rabbits when they were introduced into Australia and another to show the mosquito population in Gallup every year. For each explain each part of them.
5. Explain why cold blooded creatures (lizards, snakes etc.) are often found in deserts.
6. what are the typical features of a desert biome?
7. knowing this what are the important features of a cold blooded creature that gives it an advantage?
8. In ‘The Story of Stuff’, Annie Leonard mentions two ways that manufacturers and advertisers convince you to buy more stuff. Explain each one. What are ways you can avoid them?
9. Explain why old refrigerators were causing more skin cancer and what we collectively did about it.

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