**Test on the topics covered on 11/12/2011 for water quality.**

1. What cycle involves evaporation?
2. Carbon cycle b. nitrogen cycle c. water cycle d. none of the above
3. What kind of community interaction is illustrated by a mosquito sucking the blood of human?
4. Commensalisms b. mutualism c. Parasitism d. predator prey
5. Which of the factors does not affect the population size?
6. Climate b. Competition c. resources d. time
7. What does the term ‘guano’ mean in phosphorous cycle?
8. Define the terms assimilation, nitrification, DE nitrification, nitrogen fixation, and ammonification.
9. What are biotic and abiotic factors with examples?
10. Define a population, community, ecosystem, and biosphere.
11. What is parasitism and give an example.
12. What are the abiotic factors that are supposed to be considered when studying an ecosystem?
13. How would you define a niche, habitat, biome and biosphere?
14. What are the different species interactions? Explain with an example.
15. What is the theory of competitive exclusion and what do we mean by resource partitioning.
16. Explain the types of competition.
17. Two male deer’s lock horns as they battle over territory. What type of competition is this?
18. Lichens benefit from living on a tree but tree is not harmed what type of interaction is this?
19. How is parasitism different from commensalism?
20. Killer whales cooperate in groups called --------------------------, this is an example of what type of interaction.
21. An interaction in which organisms work in a way that benefits them all is called \_\_\_\_\_\_\_\_\_\_\_\_\_
22. A robin competes with flicker to get a caterpillar, what type of interaction is this………………….
23. Explain carbon cycle with a diagram.