NameLiving Things & Transfer of Energy Study Guide Class
1. Give an example of a biotic factor in a desert ecosystem.
2. An organism's habitat must provide all of the following: food, wall, shelfer
3. The nonliving parts of an ecosystem are called
abiotic
4. The place where an organism lives and that provides the things the organism needs is called its Habitat
5. All the different populations that live together in an area make up a(n) Community
6. The smallest unit of ecological organization is a single Olganiz
7. The study of how things interact with each other and with their environment is called ecology
8. Give an example of a population? (a) the trows in an area 9. List the six levels of ecology from smallest to largest. Organism, population, Community, ecosystem, biospheroganism, population, Community,
10. Why do ecologists study both biotic and abiotic factors in an ecosystem? to understand rely on abiotic factors to understand rely on abiotic factors 1. Would all fish in a pond be considered a population? Why or why not? No because they would need to be the same species it would be the 2. List five abiotic factors. Sun light, Soil, water,
temperature, wind
. What is a carnivore? Give an example. eats only reat

14. What is an herbivore? Give an example. eats only plants, cow
15. What is an omnivore? Give an example.
tumans
16. Give an example of a decomposer.
fung!
17. Give an example of a scavenger.
hyena, Raccoon, condor
18. What is a producer? Give an example. Creates it own foods autotroph 19. What is a consumer? Give an example of a primary (1st level consumer), a secondary (2nd level
consumer), and a tertiary (3 rd level consumer).
20. What happens if you remove an organism from an ecosystem?
21. Which way are the arrows supposed to point in a food chain and a food web?
of what is doing the eating
22. What do the arrows represent in a food chain and a food web?
shows the flow.
23. Define predator. an animal that preys or runts others
24. Define prey. an animal that is hunted
25. Give an example of a predator/prey relationship and label which is the predator and which is the prey.
snaker - frog
26. What is the source of all energy in an ecosystem?
Sun
27. Explain the difference between a food chain and a food web. Chair follows I path
Explain the difference between a food chain and a food web. food chain follows paths food web shows many paths

28. Which level of an energy pyramid has the most amount of energy? The least amount of energy?
29. What do you do if you break glassware in the lab? Consumers
Tell the teacher
30. List 5 lab safety procedures you should always follow in the lab. follow directions glass/accidents. Do not eat in lab. Do not eat in lab. Do not ently item 31. Explain the difference between a graduated cylinder and a beaker. Dealer do not give an accurate measurement
32. List the steps of the scientific method in the correct order and a brief explanation of each. State question or identify the problem
. research the problem
· make a Hypothesis
. follow the prodecure
· analyze the data
· state the conclusion
3. Define autotroph. Give an example.
makes it own food, plant,
Define heterotroph. Give an example. Pats its food, Humans
Draw a food chain with arrows pointing in the correct direction.
and a rabbit -> snake

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35.