

Biology Chapters 4 and 5 Ecology Cumulative Test Review

Name: _____ Date: _____ Period: _____

1. What did Charles Darwin view as a detailed record of evolution?
2. Where are proteins assembled in the cell?
3. Which type of organisms produces its own food?
4. This type of symbiosis results in one benefitting and the other not being affected.
5. What term represents the maximum number of individuals an environment can provide for?
6. Primary succession will begin on what type of surface?
7. Name one example of a natural disaster that will result in primary succession.
8. How does a lethal recessive remain in a population?
9. What type of symbiosis results in two species benefitting?
10. When two organisms fight until the death over a niche, this is called what?
11. Identify the biotic factor: soil, plant life, temperature, river
12. What happens to population size when birth rate exceeds the death rate?
13. Name two things that species usually compete for.
14. Name two ways to reduce the competition identified in number 13.
15. What are the two uses of energy in a food pyramid?
16. A series of predictable changes in a community is called what?
17. What happens to biodiversity when an invasive species grows out of control?
18. What is a random change in alleles called?
19. Which part of Darwin's theory of natural selection is represented by camouflage or speed to escape predators?
20. What was the driving force of the evolution of the Galapagos finches?
21. What do genes contain instructions to make?
22. Where does meiosis occur?
23. What differs in their number and sequence of amino acids?
24. Identify the RNA sequence from the following DNA: TACTGAC
25. Which of Mendel's laws is proven by a dihybrid cross?