

## Changes Over Time Worksheet

\_\_\_\_\_ 7. The effect caused by limited food and other resources is called:

- a. Overproduction
- b. Competition
- c. variations

\_\_\_\_\_ 8. Which term refers to a species creating more offspring than can possibly

survive?

- a. natural selection
- b. overproduction
- c. evolution
- d. Variation

\_\_\_\_\_ 9. How does natural selection lead to evolution?

- a. Stronger offspring kill weaker members of the species.
- b. Helpful variations accumulate among surviving members of the species.
- c. Overproduction provides food for stronger members of the species.
- d. Environmental changes favor weaker members of the species.

\_\_\_\_\_ 10. The preserved remains of an organism that lived long ago is a(n)

- A adaptation
- B Galápagos
- C fossil
- D *Beagle*

\_\_\_\_\_ 11. Only the organisms with a desired characteristic are bred in

- A artificial selection
- B natural selection
- C England
- D South America

\_\_\_\_\_ 12. Which of the following is NOT a factor that leads to natural selection.

- a. Overproduction
- b. Competition
- c. Evolution
- d. variations

**Answer true or false:**

\_\_\_\_\_ 13. Without variation, all the members of a species would have the same traits.

\_\_\_\_\_ 14. Darwin thought the ancestors of Galapagos animals and plants came from mainland South America.

\_\_\_\_\_ 15. Without variation, all the members of a species would have the same traits.

\_\_\_\_\_ 16. Selective Breeding helped Darwin understand how evolution might occur.

\_\_\_\_\_ 17. Individuals with variations that make them better adapted to their environment will not survive.

\_\_\_\_\_ 18. The effect caused by limited food and other resources is called:

\_\_\_\_\_ 19. Only traits that are controlled by genes can be acted upon by natural selection.

\_\_\_\_\_ 20. Today scientists know that organisms are much less diverse than Darwin imagined.