

Name _____ Date _____ Period _____

Chapter 10 Review

Directions: Define the following terms and answer the following questions using your notes and textbook.

1. What contributions did **Charles Lyell** and **James Hutton** provide for Charles Darwin's development of his theory of evolution?
2. What specific **trait** (adaptation) did Charles Darwin study concerning the **finches** found on the Galapagos Islands?
3. What was the name of the book **Charles Darwin** published in 1859 that detailed his theory of Natural Selection?
4. What was the theory of evolution proposed by **Lamarck**?
5. What does a **peacock** use its brightly colored plumage (feathers) for?
6. Natural selection acts directly on _____.
7. Why did the black moths begin to outnumber the white moths with the beginning of the Industrial Revolution in England?

Define the following terms:

8. homologous structures-

9. analogous structures-

10. vestigial structures-

11. natural selection-

12. artificial selection-

13. fitness-

14. variation-

15. adaptation-