

Chapter 15 Darwin's Theory of Evolution

Chapter Vocabulary Review

Matching On the line provided, write the letter of the definition that best matches each term on the left.

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|---------------------------------|---|
| _____ 1. evolution | a. change over time |
| _____ 2. fossil | b. differences among individuals within a species |
| _____ 3. natural variation | c. preserved remains of an ancient organism |
| _____ 4. struggle for existence | d. survival of the fittest |
| _____ 5. fitness | e. all species are derived from common ancestors |
| _____ 6. adaptation | f. structures that develop from the same embryonic tissues, but have different mature forms |
| _____ 7. natural selection | g. ability of an individual to survive and reproduce in a specific environment |
| _____ 8. common descent | h. organ with little or no function |
| _____ 9. homologous structures | i. competition for food, space, and other resources among members of a species |
| _____ 10. vestigial organ | j. inherited characteristic that increases an organism's chance of survival |

Defining Terms On the lines provided, write a definition for each of the following terms.

11. theory _____
12. artificial selection _____
13. survival of the fittest _____
14. descent with modification _____

Multiple Choice On the line provided, write the letter of the answer that best completes the sentence.

- _____ 15. Cows that give more milk than other cows are an example of
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|-----------------------|-----------------------------|
| a. natural variation. | c. survival of the fittest. |
| b. natural selection. | d. struggle for existence. |
- _____ 16. The practice of breeding dogs to produce offspring with specific traits is an example of
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|-----------------------|--------------------------|
| a. natural variation. | c. common descent. |
| b. natural selection. | d. artificial selection. |