

## ***Biology***

### Chapter 10: Principles of Evolution

#### **Multiple Choice**

*Identify the choice that best completes the statement or answers the question.*

- \_\_\_\_\_ 1. Which of the following is a term for a group of similar organisms that can reproduce and produce fertile offspring?
  - a. individual
  - b. population
  - c. species
  - d. fossil
  
- \_\_\_\_\_ 2. Which scientist proposed that if an organism used a structure so much that it grew, the trait of that larger structure could be passed to its offspring?
  - a. Erasmus Darwin
  - b. Jean-Baptiste Lamarck
  - c. Georges de Buffon
  - d. Charles Lyell
  
- \_\_\_\_\_ 3. The “present is the key to the past” describes the theory of
  - a. uniformitarianism.
  - b. catastrophism.
  - c. natural selection.
  - d. evolution.
  
- \_\_\_\_\_ 4. Which of the following is a fossil?
  - a. a plant that has recently died
  - b. a group of similar organisms that can reproduce
  - c. a structure or organ that no longer functions
  - d. a trace of an organism that existed in the past
  
- \_\_\_\_\_ 5. The theory that landforms on Earth’s surface, such as mountains, waterfalls, and canyons, were created as the result of sudden spectacular events is called the theory of
  - a. uniformitarianism.
  - b. catastrophism.
  - c. gradualism.
  - d. evolution.
  
- \_\_\_\_\_ 6. The difference in the physical traits of an individual from those of other individuals in a group is called a(n)
  - a. change.
  - b. adaptation.
  - c. species.
  - d. variation.

# Mcdougal Littell Biology Study Guide Answers Chapter 4

**R Sanford**



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