

Assessment

Quiz**Section: Developing a Theory**

In the space provided, write the letter of the term or phrase that best completes each statement.

- _____ 1. The voyage of the *Beagle* took Darwin to
a. Australia. c. South America.
b. the Galápagos Islands. d. All of the above
- _____ 2. Darwin believed that Malthus's hypotheses about populations applied to
a. all populations and species.
c. all species except humans.
b. only the human population.
d. only a specific population.
- _____ 3. Human breeding of animals or plants for desired traits is
a. Lamarckian selection. c. artificial selection.
b. inheritance. d. natural selection.
- _____ 4. Darwin and Lamarck agreed that
a. inherited trait are passed on to offspring through genes.
b. organisms are well adapted to their environmental conditions.
c. evolution results from the use or disuse of physical features.
d. populations show linear growth.
- _____ 5. Natural selection causes the frequency of favorable traits to
a. decrease in a population.
b. remain constant in a population.
c. increase in a population.
d. vary widely in a population.

In the space provided, write the letter of the description that best matches each scientist.

- _____ 6. Charles Darwin a. proposed an incorrect mechanism of inheritance
- _____ 7. Charles Lyell b. wrote an essay describing human population growth
- _____ 8. Thomas Malthus c. explained how evolution works
- _____ 9. Georges Cuvier d. proposed idea of species changing suddenly
- _____ 10. Jean Baptiste Lamarck e. supported idea of gradual change in geological processes on Earth