

## Assessment

**Quiz****Section: Populations**

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

- \_\_\_\_\_ 1. Population growth is determined by migration in and out of the population, birthrate, and  
a. logistic growth. c. abiotic factors.  
b. death rate. d. medical advances.
- \_\_\_\_\_ 2. Which characteristic of a real population does a population model attempt to show?  
a. growth c. death rate  
b. birthrate d. immigration
- \_\_\_\_\_ 3. In exponential growth, there are always more  
a. deaths than births. c. births than deaths.  
b. immigrants than emigrants. d. emigrants than immigrants.
- \_\_\_\_\_ 4. Which characteristic of a population increases the effects of starvation, predators, and disease?  
a. increasing density c. logistic growth  
b. exponential growth d. increasing death rate
- \_\_\_\_\_ 5. In the human population, better sanitation and hygiene, disease control, and agricultural technology are a few ways that science and technology have  
a. increased the birthrate. c. eliminated abiotic factors.  
b. damaged ecosystems. d. lowered the death rate.

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

- \_\_\_\_\_ 6. population a. the movement of individuals out of a population
- \_\_\_\_\_ 7. carrying capacity b. the movement of individuals into a population
- \_\_\_\_\_ 8. immigration c. all the individuals of a species that live together in one place at one time
- \_\_\_\_\_ 9. emigration d. population growth is limited by a density-dependent factor
- \_\_\_\_\_ 10. logistic growth e. the largest population an environment can support at any given time