

# Foundations of Nature Demography

Demography · Practice Test · 18 Questions

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**1. What is the term for the number of individuals of a single species living in a specific area?**

- A) Population size
- B) Habitat
- C) Ecosystem
- D) Biome

**2. Which demographic factor increases the size of an animal population?**

- A) Predation
- B) Birth rate
- C) Disease
- D) Emigration

**3. What is the movement of animals out of a population to a new location called?**

- A) Immigration
- B) Migration
- C) Emigration
- D) Extinction

**4. When a population has more births than deaths, what happens to the total number of individuals?**

- A) It decreases
- B) It stays the same
- C) It increases
- D) It disappears

**5. What is the study of human and animal population statistics called?**

- A) Demography
- B) Geography
- C) Geology
- D) Biology

**6. Which of these is a limiting factor that can stop a population from growing?**

- A) Abundant food
- B) Lack of space
- C) Low temperature
- D) High oxygen

**7. What term describes the number of deaths in a population over a specific period?**

- A) Fertility rate
- B) Mortality rate
- C) Growth rate
- D) Birth rate

**8. What does a 'carrying capacity' represent in an environment?**

- A) The maximum population size an area can support
- B) The speed of animal migration
- C) The total land area of a park
- D) The number of species in a forest

**9. If a population of squirrels is stable, what must be true about the birth and death rates?**

- A) Birth rate is higher than death rate
- B) Death rate is higher than birth rate
- C) Birth rate and death rate are equal
- D) Both rates are zero

**10. What is the movement of animals into a new population area called?**

- A) Immigration
- B) Emigration
- C) Adaptation
- D) Hibernation

**11. Which of these factors is most likely to decrease a population size?**

- A) Abundant resources
- B) High birth rate
- C) Disease outbreak
- D) Safe habitat

**12. What term describes the average number of offspring produced by a female in a population?**

- A) Mortality
- B) Fertility
- C) Migration
- D) Population density

**13. What is defined as the number of individuals per unit area or volume?**

- A) Population density
- B) Population age
- C) Population size
- D) Population distribution

**14. In demography, what does 'age structure' represent?**

- A) How old the oldest animal is
- B) The proportion of individuals in different age groups
- C) The total lifespan of a species
- D) The size of the habitat

**15. Which term refers to the variety of different species living in an ecosystem?**

- A) Population
- B) Community
- C) Biodiversity
- D) Habitat

**16. What is the primary source of population growth in a closed ecosystem?**

- A) Births
- B) Immigration
- C) Emigration
- D) Death

**17. Which of the following is an example of an abiotic factor that limits population size?**

- A) Predator population
- B) Parasite levels
- C) Water availability
- D) Prey density

**18. What is the name for the period between birth and the ability to reproduce?**

- A) Maturation
- B) Extinction
- C) Migration
- D) Mortality