

Population Growth—Questionnaire

Islands, goats, dogs, and feedback

1. Scientists study organisms which live on islands because:
 - a. Islands are small and easy to cover
 - b. Change happens more rapidly on islands
 - c. Islands are a model for what could happen to earth
 - d. Planet earth is an island in space
 - e. All of these answers are correct.

2. Name some things that might limit the growth of populations. Write as many as you can:

_____, _____, _____, _____,
_____, _____, _____.

3. What is a negative feedback loop? _____

Give an example of such a loop. _____

4. What is a positive feedback loop? _____

Give an example of such a loop _____

5. Give an example of homeostasis. _____

Population Reproduction and Evolution

6. Define sexual reproduction and give an example _____

7. Define asexual reproduction and give an example _____

8. List Darwin's 4 tenets below and give an example for each:

a. _____

b. _____

c. _____

d. _____

9. What is a gene pool? _____.

10. How would you express a gene frequency? _____

Influences on Human Populations

11. When graphing human population, what year is often used to begin? _____

12. Name at least four factors which could decrease human population. _____,
_____, _____, _____.

13. Name four factors which could increase human population _____,
_____, _____, _____.

14. What are the three largest nations on earth in terms of population? _____,
_____, _____.

15. Are resources distributed evenly among all the peoples of the world? _____

16. What are some resources that make a nation wealthy? _____, _____,
_____, _____

17. What are the two most important influences which slow the pace of
population growth in humans? _____, _____.

18. Name one suggestion which would slow down human population growth. _____