**Environmental Science Chapter 8 Test Review**

**Vocabulary**

Coevolution

Population

Density of a population

Parasite

Parasitism

Predator Pray

Parasite and host

Competition

Mutualism

Commensalism

Reproductive potential

Exponential growth

Carrying capacity

Symbiotic relationship (symbiosis)

Indirect competitors

Direct competitors

Generation time

**Concepts**:

Thick fur on a deer is an example of? (Adaptation, evolution due to cold climate, coevolution)

Which population listed has a random dispersion? (flock of flamingos, pine trees in a forest, herd of bison, solitary snakes in a dessert)

Density independent deaths are caused by what?

Put the following organisms in order by reproductive potential high to low. (dogs, elephants, bacteria)

What is the relationship between acacia trees and the ants that live on them? They both help each other.

A dogs niche would not include which of the following? Fleas that infest the dog, number of puppies the dog has, how the dog protects its owner, or the neighbors enclosed yard

Reproducing earlier in life, having a longer life span or producing more offspring at a time has the greatest effect on reproductive potential.

If reindeer of the Pribilof Islands eat all the lichens (only food source) will they have exponential growth?

Carrying capacity is determined by?(the supply of the most limited resources or reproductive potential of the species)

Competition for food can occur between two different ecosystems (True or False)

What is the difference between a predator and a parasite?

3 properties used to describe a population are?