Ecology Review Part I

Levels of Organization

Define “ecology”-

Define the terms “biotic” and “abiotic”-

List the five levels of organization in Ecology from simplest to most complex and DEFINE Each:

Population Dynamics

Define the following population changing factors and explain how they change a population:

Birth rate:

Death rate:

Emmigration:

Immigration:

In terms of population studies, What is a limiting factor?:

What is exponential growth? Draw a graph of this type of growth curve:

What is logistic growth? Draw a graph of this type of curve:

List 3 density dependent limiting factors:

List 3 density independent limiting factors:

Continued 🡪

Invasive Species

What is the difference between an exotic species and invasive species?

How can invasive species get to a new habitat?

What are some possible negative results of invasive species?

What are the 3 main strategies for controlling invasives? Give an example of each: