**Unit 7: Assignment 1**

Quiz Instructions

Use your notes and textbook to answer the following questions.

Question 1 1 pts

This is how a species finds food and lives out its life.

Limiting factors

Resources

Habitat

Niche

Question 2 1 pts

These cause a populations growth to slow. They include availability of food, predators, lack of space etc.

Niche

Resources

Limiting Factors

Genetic Fitness

Question 3 1 pts

These are non-living factors which can influence population growth in an ecosystem. Such as temperature, availability of water etc.

Selection

Abiotic Factors

Interactions

Biotic Factors

Question 4 1 pts

These are all living things that live in an environment.

Selection

Niche

Biotic Factors

Carrying Capacity

Question 5 1 pts

This is the maximum number of individuals that an environment can support.

Limiting Factors

Habitat

Niche

Carrying Capacity

Question 6 1 pts

An organism’s reproductive pattern.

Life History Pattern

Density Independent Factor

Density Dependent Factor

Predator-Prey Relationship

Question 7 1 pts

Life history pattern where organisms have small body size, mature rapidly, reproduce early, and have short life spans. (example: mosquitos);

Rapid life-history patterns

Slow life history pattern

Density Dependent Factor

Density Independent Factor

Question 8 1 pts

This life history pattern include larger species that live in stable environments. They reproduce and mature slowly and are long-lived. They maintain population sizes at or near the carrying capacity. (example: elephants)

Slow life history patterns

Rapid Life history patterns

Density Dependent Factors

Density Independent Factors

Question 9 1 pts

These include disease, competition, predators, parasites, and food. These factors have an increasing effect as the population increases.

Demography

Exponential Growth

Density Independent Factors

Density Dependent Factors

Question 10 1 pts

a population that gets larger and grows at a faster rate. It is unchecked growth. Unrestricted growth. J shaped graph/curve

Exponential Growth

Demography

Logistical Growth

Niche

Question 11 1 pts

These can affect populations regardless of their size or density. They include abiotic factors such as volcanic eruptions, temperature, storms, floods, drought, chemical pesticides, and major habitat disruptions. They are not dependent on population size.

Density Dependent Factors

Density Independent Factors

Demography

Birth-rates

Question 12 1 pts

The study of human population size, density, and distribution, movement and birth and death rates.

Phylogeny

Botany

Demography

Taxonomy

Question 13 1 pts

is the number of live births per 1000 in a population in a given year.

Birth-rate

Death-Rate

Exponential growth

Cohort factors

Question 14 1 pts

the number of deaths per 1000 in a population in a given year.

Phylogeny

Birth-rate

Death-rate

Taxonomy