**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