Chapter 3 Review

- Regular rules
- No notes, phones, books
- Top Group gets 5 points extra credit
- 2 points for a tie
- Regular Groups

- 20 QUESTIONS

QUESTION 1

- Collection of different populations that live together in an area

- **ANSWER-** Community

QUESTION 2

- Process in which bacteria convert nitrates into nitrogen gas

  - **ANSWER- Denitrification**

QUESTION 3

- Process in which organisms use chemical energy to produce carbohydrates

  - **Answer-** Chemosynthesis

- Group of ecosystems that have the same climate and similar dominant communities

- **Answer- Biome**

- Organism that can capture energy and use it to produce food

- **Answer-Autotroph**

- Total amount of living tissue within a trophic level

- **Answer – Bio**mass

■ Each step in a food chain or food web

■ **Answer- Trophic Level**

- Combined parts of the planet in which all life exists

- **Answer- Biosphere**

Question 9

- Process in which water evaporates from the leaves of plants

- **Answer- Transpiration**

Question 10

- Consumer that feeds on plant and animal remains and other dead matter

- **Answer- Detritivore**

Question 11

- A collection of all organisms that live in a particular place, together with their physical environment

- **Answer- Ecosystem**

Question 12

- Process in which autotrophs use light energy to make carbohydrates

- **Answer- Photosynthesis**

- **Heterotrophs that eat both plants and animals**

- **Answer- Omnivores**

- Rate at which organic matter is created by producers

- **Answer- Primary productivity**

Question 15

- A group of individuals that belong to the same species and live in the same area

- **Answer- Population**

- What are autotrophs also called?

- Answer- Producers

- Scientific study of interactions among organisms and between organisms and their environment

- Answer-Ecology

- When a chemical is stopping an autotroph from producing an unlimited supply of Sugar, what is it considered?

- Answer- Limiting Nutrient

QUESTION 19

- In the food web, what organism makes up the first trophic level?

- Answer- Producers or Autotrophs

Question 20 (Last)

- **What are heterotrophs also called?**

- Answer- Consumers

Homework

- Pg 83 1-10 Complete sentences

- Pg 85 1-7 Complete sentences

- In Notebook