

Use the Red Earth Science text book for the following questions. Section 1: Start reading on p392. Section 2: pages 404-409

1) What basic needs are provided by an organisms habitat?

\_\_\_\_\_

2) Living parts of a habitat are called \_\_\_\_\_

3) List 5-8 biotic factors that are unique for a prairie dog: \_\_\_\_\_

\_\_\_\_\_

4) Abiotic factors are \_\_\_\_\_ of a habitat

5) What is **photosynthesis**?

\_\_\_\_\_

6) What are 5 abiotic factors? \_\_\_\_\_

\_\_\_\_\_

7) List in order from smallest to largest: population, organism, ecosystem, community.

\_\_\_\_\_ < \_\_\_\_\_ < \_\_\_\_\_ < \_\_\_\_\_

8) Section 2: Read pages 404 - 409. Skip pages 399-405:

9) Name the 3 energy roles that organisms fill in an ecosystem

\_\_\_\_\_

10) Producers can/cannot produce their own food.

11) What are some examples of producers ? \_\_\_\_\_

12) Consumers can/cannot produce their own food.

13) What are 3 classes of consumers?

\_\_\_\_\_

14) What do decomposers do, example? \_\_\_\_\_

\_\_\_\_\_

15) Why is a food web more realistic than a food chain? \_\_\_\_\_

\_\_\_\_\_

Looking at your ecosystem notes, what is an example of a:

Herbivore: \_\_\_\_\_

Carnivore: \_\_\_\_\_

Omnivore: \_\_\_\_\_

Primary consumer: \_\_\_\_\_

Secondary consumer: \_\_\_\_\_

Tertiary consumer: \_\_\_\_\_