

SCA Science 5 – Study Guide

Chapter 7

Name: \_\_\_\_\_

**I. Fill in the blanks:** Write the correct term for each statement

1. An \_\_\_\_\_ consists of all the living organisms and their environment in a certain section of the earth.
2. A consumer that eats only other consumers is a \_\_\_\_\_.
3. A \_\_\_\_\_ keeps the ecosystem clean by eating what has already died.
4. The nonliving part of an ecosystem is the \_\_\_\_\_.
5. The original source of energy for all living things is the \_\_\_\_\_.
6. A special characteristic or skill that helps a living thing survive in its environment is an \_\_\_\_\_.
7. The movement of a whole group of animals from one ecosystem to another ecosystem is \_\_\_\_\_.
8. Any organism that lives on or in another organism and takes its food from that organism is a \_\_\_\_\_.
9. The plant or animal that a parasite lives on or in is its \_\_\_\_\_.
10. Behaviors that cannot be inherited are \_\_\_\_\_ behaviors.
11. An animal's \_\_\_\_\_ are its God-given basic knowledge and skills that it needs for survival.

**II. Multiple Choice:** Write the letter of the correct answer in the blank.

\_\_\_\_\_1. An organism that gets its energy directly from the sun and changes the energy into a form that other organisms can use is a \_\_\_\_\_.

- A. consumer                      B. producer                      C. decomposer

\_\_\_\_\_2. An organism that breaks down dead things and wastes is a \_\_\_\_\_.

- A. consumer                      B. producer                      C. decomposer

\_\_\_\_\_3. An organism that depends on producers for food is a \_\_\_\_\_.

- A. consumer                      B. producer                      C. decomposer

\_\_\_\_\_4. A \_\_\_\_\_ is all the organisms of the same species that live in an ecosystem.

- A. population                      B. community                      C. habitat

\_\_\_\_\_5. An organism's specific job or function in an ecosystem is its \_\_\_\_\_.

- A. habitat                      B. role                      C. niche

\_\_\_\_\_6. The transfer of energy and nutrients through a community is called a \_\_\_\_\_.

- A. food web                      B. food chain                      C. competition

\_\_\_\_\_7. Animals that hunt and eat other animals are called \_\_\_\_\_.

- A. herbivores                      B. prey                      C. predators

\_\_\_\_\_8. A food chain always begins with a \_\_\_\_\_.

- A. producer                      B. consumer                      C. decomposer

\_\_\_\_\_9. \_\_\_\_\_ are usually the second link of a food chain.

A. Herbivores

B. Predators

C. Decomposers

\_\_\_\_\_10. Several food chains linked together form a \_\_\_\_\_.

A. pyramid

B. biome

C. food web

**III. True – False:** Write “T” for True or “F” for False.

\_\_\_\_\_1. Competition occurs when two or more organisms try to use the same resources.

\_\_\_\_\_2. Competition helps keep an ecosystem in balance.

\_\_\_\_\_3. Organisms can be affected when one part of their food web changes.

\_\_\_\_\_4. Animals that herbivores hunt are called prey.

\_\_\_\_\_5. All living things need food, water, shelter, and protection from predators.