**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ #\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Review for Final: Ecosystems**

1. What is an ecosystem?

All the living and nonliving parts of an environment

1. What are three things you could find in the desert?
   1. \_\_\_cactus\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. \_\_\_snake\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. \_\_\_little vegetation \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What is a producer?

An organism that makes its own food

1. Which organism is a producer?
   1. Hawk
   2. Squirrel
   3. Trees
   4. Deer
2. If there is a shortage or no zebras on the African plains what would happen to that ecosystem? Explain

The ecosystem would die out\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. What are three organisms you would find in the swamp?

alligators, snakes, lots of vegetation

1. Which organism is a consumer?
   1. Grass
   2. Plants
   3. Lion
   4. Wheat
2. What is a food chain?

A specific feeding sequence in which organisms obtain energy in an ecosystem

1. What is a food web?

Interrelated food chains in an ecosystem

1. Definition of a herbivore.

An organism that only eats producers

1. Give an example of an organism that is a herbivore.

rabbit, cow, horse

1. Definition of a carnivore.

An organism that only eats other consumers

1. Give an example of an organism that is a conniver.

lion, tiger

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**Review for Final: Inherited and Learned Traits**

1. Definition of a learned behavior.

When skills are developed because of an experience; an organism learns

through his environment; a behavior that is taught or obtained from experience

1. Give 5 examples of a learned behavior.

reading, talking , writing, playing sports, learning to ride a bike

1. Definition of an inherited trait.

A distinguishing feature that is passed down from your family

1. Give 5 examples of an inherited trait.

hair color, eye color, skin color, rolling your tongue, height

|  |  |
| --- | --- |
| Mother | Father |
| Blue Eyes  Brown Hair | Brown Eyes  Blond Hair |

Which offspring did not come from these parents?

1. blue eyes, blond hair
2. brown eyes, brown hair
3. blue eyes, brown hair
4. brown eyes, red hair
5. Which characteristic is inherited rather than learned?
   1. throwing a football
   2. color of your skin
   3. reading
   4. playing catch
6. Learning to speak your home language is
   1. a learned behavior
   2. an inherited trait
   3. known at birth
   4. something you just know
7. A dog sees a cat and starts jumping up and down on all four legs and starts to bark. Which of the following best explains why the dog reacts this way?
   1. the dog was taught to react this way by its owner
   2. the dog learned to react this way from its parents and siblings
   3. the dog reacts this way naturally because it inherited the behavior
   4. the dog tried different ways to react and decided this was the best way
8. Which example below might be learned characteristics that a parent and child might share?
   1. both can roll their tongues
   2. both have brown hair
   3. both have attached ear lobes
   4. both can ride bikes
9. House plants need lots of sunlight therefore they lean towards the window for sunlight. This is an example of
   1. a learned trait
   2. a random act
   3. an accident of nature
   4. an inherited trait

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**Review for Final: Adaptations & Metamorphosis**

1. How are the woolly mammoth and the elephant similar?

Both have tusks

1. Why do extinct species look similar to some species that are alive today?

Species alive today look similar to certain extinct species because they share

ancestry and a common gene pool

1. How has the snowshoe hare adapted to its environment?

Shedding and blending into its environment depending on the season

1. The tiger would be closely related to what prehistoric animal?

Saber-tooth tiger

1. What is the correct order of the life cycle for a butterfly?

egg

larva

pupa

adult

1. What is the definition of molting?

shedding

1. What is the life cycle of a frog?

egg

tadpole

froglet

frog

1. What are 3 things that can happen in a complete metamorphosis?

4 stages, adults usually have wings, butterflies go through,

1. What are 3 things that can happen in an incomplete metamorphosis?

molting can occur, 3 stages, crickets have an incomplete metamorphosis

1. What state is the caterpillar in the butterfly life cycle?

larva