Interactions of Living things with their Environment

Write the letter of the correct answer inside the box.

_____1. The caterpillar is an example of a/an:

a. Carnivore b. Herbivore c. Omnivore d. Producer

_____2. The omnivores in the food web are the:

a. Field mouse and aphid
b. Garden snake and vulture
c. Human and field mouse
d. Vulture and ladybird

_____3. Which of the following pairs of animals has a "predator-prey" relationship?

a. Field mouse and garden snake

b. Garden snake and vulture

c. Ladybird and field mouse

d. Vulture and lady bird

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_____4. What could be a possible result of a sudden decrease in the population of garden snakes?

a. The populations of vultures will increase
b. The populations of vultures will decrease
c. The populations of chickens will decrease
d. The populations if field mice will decrease

_____5. If the organisms are arranged in a food pyramid, the topmost level will be occupied by:

a. Aphids b. Chicken c. Ladybird d. Vultures

_____6. A food chain derived from this food web could be:

a. ladybird ----- caterpillar ----- chicken ----- snake ----- vulture
b. corn plant ----- caterpillar ----- chicken ----- aphid ----- vulture
c. field mouse ----- lady bird ----- snake ----- chicken ----- human
d. corn plant ----- field mouse ----- chicken ----- snake ----- vulture

_____7. Which of the following is an abiotic factor in an ecosystem?

a. animals b. microorganisms c. plants d. sunlight

_____8. The greatest amount of energy in an ecosystem is available to :

a. decomposers
b. primary consumers
c. producers
d. secondary consumers

_____9. Competition, predation, and symbiosis are all types of :

a. biotic relationship
b. commensalism
c. mutualism

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d. parasitic relationship

_____10. Which of the following will result from drastic change in the biotic and abiotic factors of habitat?

a. New habitat will exist
b. Weather will be affected
c. Food supply will increase
d. Population size of living things will increase or decrease

Science 7

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