

Name: _____

Date: _____

1. A hermit crab lives in a shell abandoned by another animal and has one powerful claw. The claw and the shell are alike because they both

- A. grow.
- B. provide shelter.
- C. help in getting food.
- D. provide protection from enemies.

2. Which is a correct food chain?

- A. tree ~~moose~~ ~~horse~~ ~~dog~~
- B. leaf ~~grasshopper~~ ~~frog~~ ~~snake~~
- C. seed ~~pollen~~ ~~plant~~ ~~flower~~
- D. vine ~~berry~~ ~~honey~~ ~~bear~~

3. John's family plants a garden each year in the same place. Each year the plants do not grow as well as the year before. This is MOST LIKELY because

- A. the plants use up nutrients in the soil.
- B. the Sun shines less each year.
- C. the plants do not get enough water.
- D. the air is changing.

4. Which characteristic is NOT an example of protective adaptations?

- A. presence of an exoskeleton in a lobster
- B. camouflage of the walkingstick insect
- C. presence of long running legs in the ostrich
- D. well-developed circulatory system of a sparrow

5. Which of the following is a predator?

- A. fox
- B. rabbit
- C. grass
- D. the Sun

6. A producer is a living thing that makes its own food from sunlight. Which of the following is a producer?

- A. human
 - B. bee
 - C. cow
 - D. corn plant
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7. At the end of the summer, Agatha plows her garden plants under the soil. What will probably happen?

- A. The dead plants will harm the soil.
 - B. She will not be able to use her garden next year because the plants will not decay.
 - C. When the plants decay, they will put nutrients back into the soil.
 - D. After a few years, Agatha's garden will be ruined from so much decay.
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8. What will MOST LIKELY happen if runoff water from a farm goes into a pond ecosystem over a long period of time?

- A. Some organisms in the pond food web will disappear.
 - B. The fertilizer will cause most organisms in the pond to grow better.
 - C. The pond ecosystem will have many additional organisms.
 - D. The pond will become bigger and provide more water for the farmer.
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9. Green plants are important to animals because the plants

- A. consume both food and carbon dioxide.
 - B. consume food and give off oxygen.
 - C. produce food and give off oxygen.
 - D. produce food and give off carbon dioxide.
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10. The rattle helps the rattlesnake

- A. swallow food.
- B. scare predators.
- C. catch prey.
- D. stay warm.

Answer Key

1. D) provide protection from enemies.
2. B) leaf ~~grasshopper~~ ~~frog~~ ~~snake~~
3. A) the plants use up nutrients in the soil.
4. D) well-developed circulatory system of a sparrow
5. A) fox
6. D) corn plant
7. C) When the plants decay, they will put nutrients back into the soil.
8. A) Some organisms in the pond food web will disappear.
9. C) produce food and give off oxygen.
10. B) scare predators.