

Ecology test example

[Business](#), [Industries](#)



I. Write the letter of the correct answer. _____

1. Why did plants call producers? They _____.

1. Consume food
2. Make their own food
3. Provide food for other organisms
4. All of the above _____

2. Why did animals call consumers? They _____.

1. Do not eat plants
2. Produce their own food
3. Depend on other plants' food
4. Depend on plants for protection _____

3. Which of the following can cause dead plants and animals to decay and turn into useful substances?

1. Mosses
2. Producers
3. Consumers
4. Decomposers _____

4. Which of these materials is NOT needed during photosynthesis?

1. Carbon dioxide
2. Water
3. Sunlight
4. Oxygen _____

5. The transfer of food energy from the producers to a series of the consumer is called

1. Food web
2. Food chain
3. Food cycle
4. All of the above _____

6. The plant gives off _____ which animals and human beings breathe in order to live.

1. Carbon dioxide
2. Oxygen
3. Carbon monoxide
4. Hydrogen _____

7. What activity can disturb the carbon dioxide oxygen cycle in an aquarium?

1. Placing enough amount of water.
2. Placing an equal amount of plants and fishes.
3. Putting too many fishes with a small number of plants.
4. Placing the aquarium in a place where there is enough sunlight.

8. Which is the correct sequence of organisms in a food chain?

1. Rice grain chick hawk decomposers
2. Chick hawk rice grains decomposers
3. Hawk rice grains decomposers chicks
4. Rice grains decomposers chick hawk _____

9. What does a food web show? It shows

1. A series of food links
2. The role of the consumers
3. A series of eating activities
4. An interlink among food chain _____

10. What is the role of producers in a food chain?

1. They make their own food.
2. They feed primary consumers.
3. They replace nutrients in the soil.
4. They provide oxygen in the air. _____

11. Photosynthesis is performed by

1. Herbivores
2. Producers
3. Primary consumers
4. decomposers _____

12. The role or profession of an organism in an ecosystem is it's

1. Habitat
2. Consumption
3. Ecological niche
4. Production _____

13. What happens in a food chain?

1. Energy is lost to the air.
2. Energy is transferred from producer to consumer.

3. Energy is transferred from consumer to producer.
4. Energy is increased from consumer to another consumer. _____

14. Why are decomposers important?

1. They break down complex wastes into simple materials.
2. They provide carbon dioxide and oxygen to the soil.
3. They deplete the soil of nitrogen and other minerals.
4. They make the soil dry. _____

15. What is transferred in a food web?

1. Parasites
2. Predators
3. Energy
4. Water

II. Fill in the blanks. Choose your answer from the list below.

16. Plants are called _____ because they manufacture their own food.

17. _____ shows the path way of food from producers to a series of consumers.

18. When several food chains are interwoven and taking place in a particular community, a _____ results.

19. The chemical energy of food taken from the plants is transformed in the bodies of _____.

20. The _____ is the main source of energy for all living things.