

Ecosystems

Choose the correct answer.

1. A worm is an example of a(n) _____.



- ☐ decomposer
- ☐ herbivore
- ☐ carnivore
- ☐ omnivore

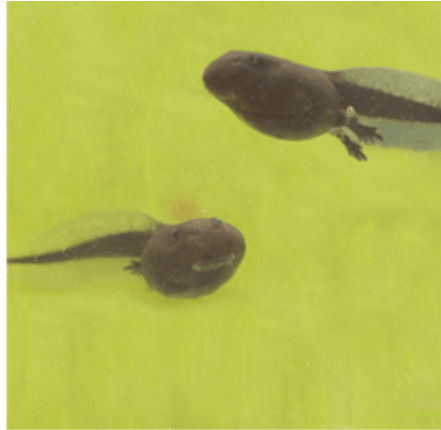
2. Where does all energy come from in an ecosystem?

- ☐ Plants
- ☐ Water
- ☐ Consumers
- ☐ The sun

3. Why can't mosquito larvae and tadpoles share the same niche?



Mosquito Larva



Frog Tadpoles

- ☐ Mosquito larvae and tadpoles can't share the same niche, because they would compete for food. They can only share the same habitat.
- ☐ Mosquito larvae and tadpoles can't share the same niche, because they would compete for habitat. They can only share the same food.
- ☐ Mosquito larvae and tadpoles can share the same niche.

4. Which of these is an example of an organism that always changes niches during its life cycle?

☐



Frog

☐



Human being

☐



Both frog and human being

State whether the following statement is true or false.

5. Natural disasters have destroyed more than half of the world's tropical forests.

- ☐ True
- ☐ False

Choose the correct answer.

6. A scorpionfish can change its coloring to match its surroundings. This is an example of _____.



- ☐ habitat
- ☐ competition
- ☐ adaptation

7. What is the best explanation for why diversity is important to a healthy ecosystem?

- ☐ It makes the environment look better and less boring.
- ☐ It's more fun for people to use for hunting, fishing, and recreation.
- ☐ It makes it more likely that all of the organisms in the ecosystem will survive.

State whether the following statement is true or false.

8. In the image below, the zebra is the predator and the lion is the prey.



- ☐ True
- ☐ False

Choose the correct answer.

9. Which of the following communities is likely to be found in a savanna?

- ☐ Wildebeests, gazelles, hyenas
- ☐ Tree frogs, toucans, pumas
- ☐ Caribou, polar bear, fox

10. What is the best name for the ecosystem shown below?



- ☐ Coral reef
- ☐ Savanna
- ☐ Rainforest

11. Two-thirds of the planet's estimated 250,000 plant species can be found in the _____.

- ☐ Tropics, near the equator
- ☐ Rocky Mountains
- ☐ Polar caps

12. Which of the following is an example of something that is abiotic?

☐



Tree

☐



Fish

☐



Bird

☐



Rain

State whether the following statement is true or false.

13. Muddy soil, shady areas, and water are all abiotic parts of an ecosystem.

- ☐ True
☐ False

14. The best way for people to protect an ecosystem is to introduce new plant species into the community.

- ☐ True
☐ False

Choose the correct answer.

15. Look at the following photo. Is it an example of tundra or taiga?



- ☐ Tundra
☐ Taiga