

Ecology Online Quiz: questions and answers



1. What are the examples of abiotic or physical factors in the environment?

- Temperature and amount of water
- Tide height and number of parasites
- Amount of food and light

2. What is the number of a particular species of organism in a given area at a particular time called?

- Habitat
- Hommunity
- Population

3. A lion hunts and eats an antelope. Who is the lion in this case?

- Predator
- Virus
- Prey

4. What is the example of a parasite-host relationship?

- A fly eating food on a table
- A tick living on a dog
- A vine using a larger tree for support

5. What is the relationship between two different organisms living closely together for long periods of time called?

- Symbiosis
- Predation

Codependance

6. What are the factors that least likely affect populations of organisms on earth?

- Number of cyclones and droughts
- Movements of planets and stars in other solar systems
- Amount of food and disease

7. Which physical factor in the environment affects the behavior of crabs the most?

- Amount of rain
- Tide height
- Tree height

8. Which organisms are most affected by the change of seasons?

- Plants
- Humans
- Tropical fish

9. What is the water condition for oxygen gas to dissolve more rapidly?

- Warm and stationary
- Warm and moving
- Cooler and moving

10. Fish are streamlined in shape for faster movement in water. This is an example of a:

- Physiological adaptation
- Behavioural adaptation
- Structural adaptation

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Right answers

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7. Which physical factor in the environment affects the behavior of crabs the most?
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9. What is the water condition for oxygen gas to dissolve more rapidly?
Cooler and moving
10. Fish are streamlined in shape for faster movement in water. This is an example of a:
Structural adaptation