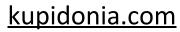


## Ecology Online Quiz: questions and answers







| 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?               |
| O Habitat  |
| O Hommunity  |
| O Population   |
| 3. A lion hunts and eats an antelope. Who is the lion in this case?  |
| O Predator   |
| O Virus  |
| O Prey   |
| 4. What is the example of a parasite-host relationship?  |
| O A fly eating food on a table   |
| O 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? |
| O Symbiosis  |
| O Predation  |
|  |

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| O Codependance   |
|--|
| 6. What are the factors that least likely affect populations of organisms on earth?      |
| O Number of cyclones and droughts  |
| <ul> <li>Movements of planets and stars in other solar systems</li> </ul>                |
| <ul> <li>Amount of food and disease</li> </ul>   |
| 7. Which physical factor in the environment affects the behavior of crabs the most?      |
| O Amount of rain   |
| O Tide height  |
| O Tree height  |
| 8. Which organisms are most affected by the change of seasons?                           |
| O Plants   |
| O Humans   |
| O Tropical fish  |
| 9. What is the water condition for oxygen gas to dissolve more rapidly?                  |
| O Warm and stationary  |
| O Warm and moving  |
| O Cooler and moving  |
| 10. Fish are streamlined in shape for faster movement in water. This is an example of a: |
| O Physiological adaptation   |
| Nehavioural adaptation   |
| O Structural adaptation  |
|  |



## **Ecology Online Quiz: questions and answers**

## Right answers

- 1. What are the examples of abiotic or physical factors in the environment? Temperature and amount of water
- 2. What is the number of a particular species of organism in a given area at a particular time called? Hommunity
- 3. A lion hunts and eats an antelope. Who is the lion in this case? Predator
- 4. What is the example of a parasite-host relationship? A tick living on a dog
- 5. What is the relationship between two different organisms living closely together for long periods of time called?

**Symbiosis** 

- 6. What are the factors that least likely affect populations of organisms on earth? Movements of planets and stars in other solar systems
- 7. Which physical factor in the environment affects the behavior of crabs the most? Tide height
- 8. Which organisms are most affected by the change of seasons?
- 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