

TEST NAME: **Ecology**
TEST ID: **188002**
GRADE: **08**
SUBJECT: **Life and Physical Sciences**
TEST CATEGORY: **My Classroom**

Student: _____

Class: _____

Date: _____

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21. Which would **most likely** be the top predator in a food web?

- A. seagull
- B. seaweed
- C. crab

22. The white-tailed deer found in North Carolina are herbivores. What will **most likely** happen to the deer if there is a drought and most of the plant life dies?

- A. Deer population will not change.
- B. Deer population will increase due to a lack of food.
- C. Deer population will decrease due to a lack of food.

23. What **best** describes the reaction of a new population to an increase in the amount of space it occupies?

- A. The population will die out.
- B. The population will remain constant.
- C. The population will grow exponentially.

24. Which statement about parasitism is **most** true?

- A. Both organisms benefit.
- B. Both organisms are negatively impacted.
- C. One organism benefits and the other is negatively impacted.

25. Which **best** describes mutualism?
- A. Ticks live and feed on dogs and other animals' blood to survive.
 - B. Mushrooms send out long, underground structures which allow them to grow in other areas.
 - C. Ants attack animals that try to feed on the acacia tree, and the ants feed on the nectar of the tree.
26. A wolf and a rabbit are an example of which ecological relationship?
- A. predator/prey
 - B. cooperation
 - C. mutualism
27. Dead matter and waste would pile up without which type of organism?
- A. decomposer
 - B. consumer
 - C. producer
28. Which is an example of a coexistent relationship between two organisms?
- A. Bees need flowers for pollen.
 - B. Meerkats need a cactus.
 - C. Birds need a rosebush.