

Animal Physiology 4th Edition Hill Test Bank

Chapter 1: Animals and Environments: Function on the Ecological Stage

TEST BANK QUESTIONS

Multiple Choice

1. Which statement about the discipline of physiology is *false*?

- a. It is a key discipline for understanding how animals change over Earth's history.
- b. It is a key discipline for understanding the fundamental biology of all animals.
- c. It is a key discipline for understanding human health and disease.
- d. It is a key discipline for understanding the health and disease of nonhuman animals.

Answer: a

Textbook Reference: The Importance of Physiology

Bloom's Category: 5. Evaluating

2. To understand how a fish propels itself by applying forces to the water, physiologists would study its

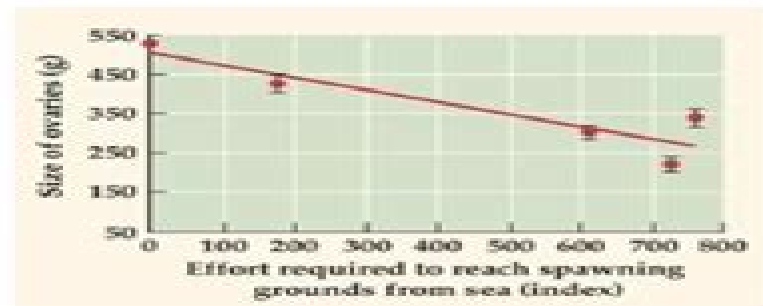
- a. biomechanics.
- b. evolution.
- c. ecology.
- d. cell physiology.

Answer: a

Textbook Reference: The Highly Integrative Nature of Physiology

Bloom's Category: 2. Understanding

3. The data in the graph below would be relevant to which subdiscipline of physiology?



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Douglas H. Slatter



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