

Anatomy & Physiology Test Bank

Chapter 1 Questions And Answers

2022/2023

- 1) Signs of aging at the cellular level are (Select all that apply)
A) graying hair, waning strength, and wrinkles.
B) unrepaired DNA and abnormal proteins.
C) impaired cell division and the ability to break down and recycle worn cell parts.
D) a fatty liver and clogged blood vessels. - ANS-B, CC
- 2) An investigator who conducts an experiment to determine how temperature changes affect the rate at which the heart beats is most likely a(n)
A) anatomist.
B) physiologist.
C) chemist.
D) biochemist. - ANS-B
- 3) Anatomy and physiology are difficult to separate because
A) physiological functions depend on anatomical structures.
B) physiological functions in an organism are ongoing.
C) body parts take up space.
D) our understanding of physiology is changing more than our understanding of anatomy. - ANS-A
- 4) The activities of an anatomist consist of _____, whereas those of a physiologist consist of _____
A) observing body parts; studying functions of body parts
B) conducting experiments; making microscopic examinations
C) studying molecules; observing forms of the body parts
D) sketching; dissecting - ANS-A
- 5) The origin of the term "anatomy" is related to
A) the Greek word for "function."
B) the name of the first anatomist.
C) the Greek word for "cutting up."
D) the function of internal organs. - ANS-C
- 6) The term "physiology" is related to
A) the Latin for "physical shape."
B) the structure of internal organs.
C) the Greek for "cutting up."
D) the Greek for "relationship to nature." - ANS-D
- 7) The recent discovery of taste receptors in the small intestine that detect sweetness illustrates that
A) chemical responses occur in only one part of the body.

Anatomy And Physiology Chapter 1 Test Review

Susan Perreira



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