
TEST BANK FOR:

Biochemistry: Concepts and Connections

2nd Edition

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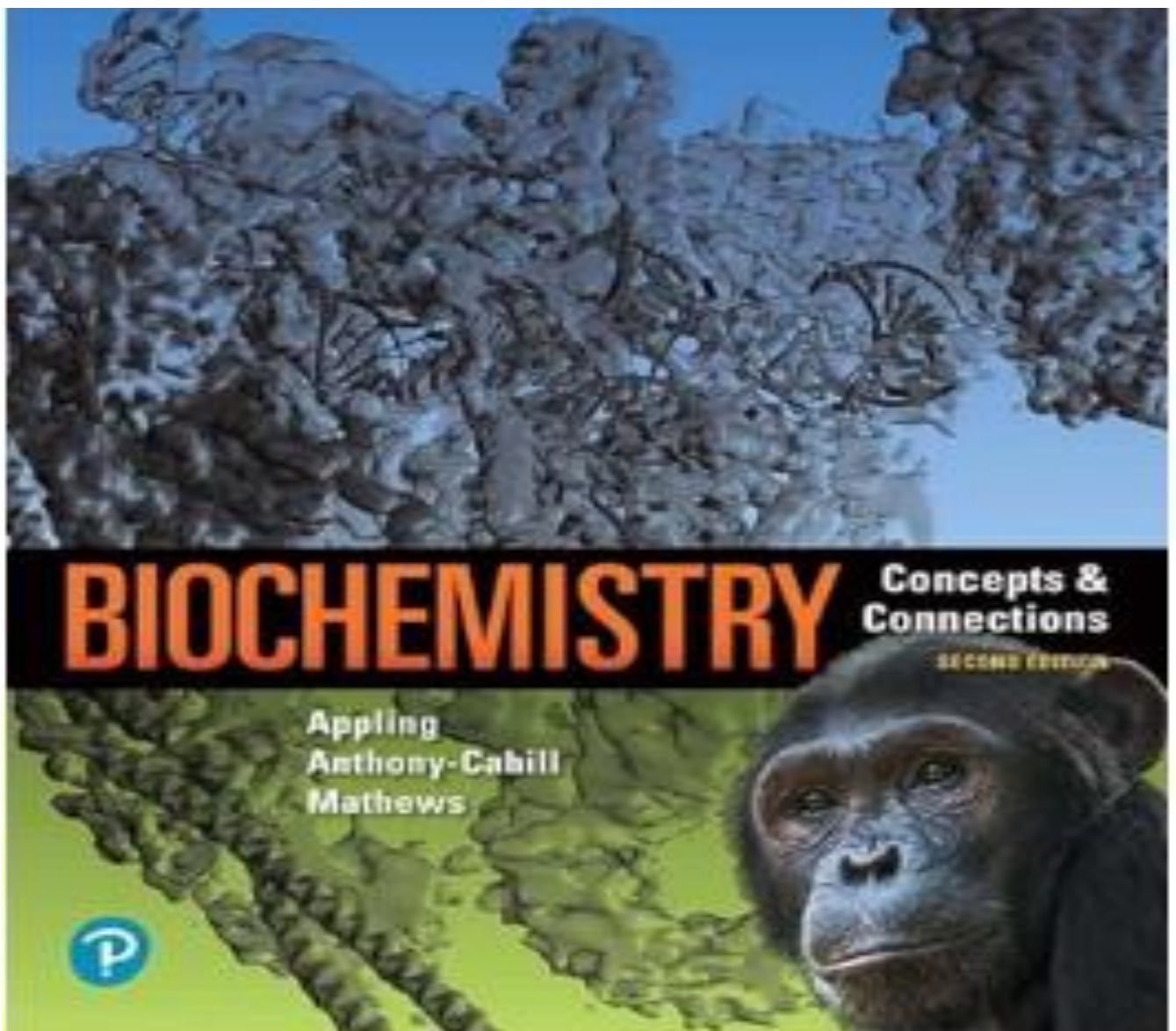


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Chapter 1 Biochemistry and the Language of Chemistry

1) The water content in the human body is approximately:

- A) 90%.
- B) 80%.
- C) 70%.
- D) 60%.
- E) 50%.

Answer: C

2) The four most abundant chemical elements in living systems are:

- A) hydrogen, oxygen, sulfur and phosphorus.
- B) hydrogen, carbon, nitrogen and oxygen.
- C) sodium, potassium, carbon and oxygen.
- D) sodium, potassium, nitrogen and sulfur.
- E) carbon, nitrogen, oxygen and potassium.

Answer: B

Objective: 1.2

3) Nearly all proteins contain:

- A) cobalt.
- B) phosphorus.
- C) selenium.
- D) sulfur.

E) none of the above.

Answer: D

Objective: 1.2

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4) Which of the following statements is FALSE?

A) Proteins can be structural components of cells.

B) Proteins can transmit signals between cells.

C) Proteins can transport molecules within cells and between cells.

D) Proteins can be both hormones and hormone receptors.

E) Proteins are the only biological polymer that can catalyze biochemical reactions.

Answer: E

Objective: 1.2

Global LO: G7