

Biology Chapter 2 Self Quiz Answers In Appendix III Answer Key PDF

Biology Chapter 2 Self Quiz Answers In Appendix III Answer Key PDF

Disclaimer: The biology chapter 2 self quiz answers in appendix iii answer key pdf was generated with the help of StudyBlaze AI. Please be aware that AI can make mistakes. Please consult your teacher if you're unsure about your solution or think there might have been a mistake. Or reach out directly to the StudyBlaze team at max@studyblaze.io.

What is the primary function of ribosomes in a cell?

- A. Energy production
- B. Protein synthesis ✓**
- C. Lipid storage
- D. DNA replication

Which of the following are functions of the mitochondria in eukaryotic cells?

- A. ATP production ✓**
- B. Photosynthesis
- C. DNA replication
- D. Regulation of cellular metabolism ✓**

Explain the role of enzymes in biological reactions and how they affect the activation energy of a reaction. Provide examples to support your explanation.

Enzymes act as catalysts in biological reactions, lowering the activation energy required for reactions to occur, thus increasing the reaction rate. For example, amylase breaks down starch into sugars in the digestive system.