

AP Biology Practice Test Questions and Answers

1. Which process converts glucose into ATP in the absence of oxygen?

- A) Aerobic respiration
- B) Fermentation
- C) Photosynthesis
- D) Glycolysis only

2. What is the primary function of ribosomes?

- A) DNA replication
- B) Protein synthesis
- C) Lipid production
- D) ATP generation

3. During which phase of mitosis do chromosomes align at the cell's equator?

- A) Prophase
- B) Metaphase
- C) Anaphase
- D) Telophase

4. What is the role of DNA polymerase in DNA replication?

- A) Unwinds the DNA double helix
- B) Synthesizes new DNA strands
- C) Proofreads for mutations
- D) Both B and C

Answers: 1-B 2-B 3-B 4-D

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