Middle School Biochemistry Basics

Biochemistry · Answer Key · 5 Questions

1. Which macromolecule serves as the primary source of quick energy for living organisms?

A) Carbohydrates
B) Proteins
C) Lipids
D) Nucleic acids

2. What are the individual monomer building blocks that make up proteins?

A) Fatty acids
B) Nucleotides
C) Amino acids
D) Simple sugars

3. What type of biological molecule acts as a catalyst to speed up chemical reactions in cells?

A) Enzyme
B) Hormone
C) Vitamin
D) Lipid

4. Which molecule is known as the main energy currency of the cell?

A) DNA
B) ATP
C) RNA
D) Glucose

5. Nucleic acids, such as DNA and RNA, are composed of repeating units called:

A) Monosaccharides
B) Amino acids
C) Fatty acids
D) Nucleotides

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