ARKANSAS BIOLOGY · UNIT 1 · 5 QUESTIONS

Cells and Molecular Biology — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **Carbohydrates are polymers built from monomers called**

- A Monosaccharides
- B Amino acids
- C Glycerol alone
- D Nucleotides

Understand It with Pulse | Flag a mistake

2 **A long printed paper store receipt lies flat on a light wooden counter, receipt text small and out of focus. Lipids are useful for long term energy storage mainly because they store**



A Genetic instructions

B More energy per gram than carbohydrates

C Water for osmosis

D Oxygen for respiration

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3 **Nucleic acids differ from carbohydrates and lipids because their main job is to**

A Insulate nerve cells

B Provide quick energy

C Store and transmit genetic information

D Form cell walls

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4 **In DNA, adenine always pairs with thymine and guanine always pairs with**

A Adenine

B Uracil

C Thymine

D Cytosine

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5 **A DNA strand reads ACGT in order, and its complement pairs A with T and C with G The complement in the same order is**

A TGCA

B ACGT

C UGCA

D AGCT

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ANSWER KEY

1. A
2. B
3. C
4. D
5. A

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