CALIFORNIA BIOLOGY · UNIT 1 · 5 QUESTIONS

Molecules to Organisms: Structure, Function, and Energy Flow — 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 **The smooth endoplasmic reticulum is especially important for**

- A Photosynthesis
- B Lipid synthesis
- C Protein folding
- D DNA storage

Understand It with Pulse | Flag a mistake

2

A lysosome contains enzymes that

A Break down waste and worn out parts

B Copy DNA

C Make chlorophyll

D Build ribosomes

Understand It with Pulse | Flag a mistake

3

The cytoskeleton of a cell provides

A Hormones

B Structure and movement

C Energy storage

D Genetic code

Understand It with Pulse | Flag a mistake

4 **Facilitated diffusion differs from simple diffusion because it uses**

A Sunlight

B ATP directly

C Membrane transport proteins

D Endocytosis

Understand It with Pulse | Flag a mistake

5 **Blood donation bags filled with dark red blood hanging in a row. A red blood cell placed in a hypertonic solution will**



A Swell

B Divide

C Stay unchanged

D Shrivel

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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