NEW JERSEY BIOLOGY · NEW JERSEY

New Jersey Biology

Practice Test

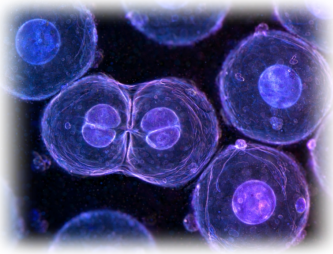
Unit 1: Cells and Molecular Biology

5 Questions

Original practice test based on the New Jersey curriculum. Work through each question, then check your answers at the end.

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.

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Question 1

The network of protein fibers that gives a cell its shape and helps it move is the

A) Cytoskeleton

B) Cell wall

C) Nucleolus

D) Chloroplast

Understand It with Pulse | Flag a mistake

Question 2

Rough endoplasmic reticulum is covered with ribosomes and helps make

A) Lipids

B) Proteins

C) DNA

D) ATP

Understand It with Pulse | Flag a mistake

Question 3

Facilitated diffusion differs from simple diffusion because it uses

A) ATP energy

B) Light energy

C) Membrane proteins

D) Heat energy

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Question 4

An animal cell placed in a hypertonic solution will most likely

A) Swell and burst

B) Stay the same size

C) Divide rapidly

D) Shrivel as water leaves

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Question 5

Endocytosis is a process by which a cell

A) Takes in material by folding its membrane inward

B) Releases material in vesicles

C) Divides its nucleus in two

D) Makes ATP from glucose

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ANSWER KEY

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

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