ENGLAND GCSE COMBINED SCIENCE EDEXCEL FOUNDATION · UNIT 1 · 5 QUESTIONS

Key Concepts in 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 so it can be fixed.

1 **Glass marbles are shaken in a tray. What does this model?**

- A particles disappearing completely
- B particles bonding together
- C particles gaining energy
- D particles freezing into place

Understand It with Pulse | Flag a mistake

2 **Which part of a cell is where most of the chemical reactions happen?**

- A the nucleus
- B the ribosome
- C the cytoplasm
- D the cell membrane

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3 **Why do muscles ache after hard exercise?**

A oxygen builds up in the muscles

B glucose runs out completely

C the muscles run out of water

D lactic acid builds up

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4 **What is the pH of bile?**

A neutral

B strongly acidic

C acidic

D alkaline

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5 **One glucose molecule releases 30 molecules of ATP in respiration. How many ATP molecules are released from 10 glucose molecules?**

A 600

B 330

C 270

D 300

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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