ENGLAND GCSE COMBINED SCIENCE AQA SYNERGY HIGHER · UNIT 5 · 5 QUESTIONS

Building Blocks for Understanding — 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 **An ice cream cone melts. What is the melting point of the ice cream?**

A around minus 20 degrees Celsius

B around 100 degrees Celsius

C around 37 degrees Celsius

D around 0 degrees Celsius

Understand It with Pulse | Flag a mistake

2 **How many moles are there in 20 g of a substance with a relative formula mass of 20?**

- A 0.5
- B 1
- C 2
- D 3

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3 **How many electrons are in the outer shell of a Group 7 element?**

- A 1
- B 8
- C 2
- D 7

Understand It with Pulse | Flag a mistake

4 **Lemons contain citric acid. What is the pH of lemon juice likely to be?**

A 7

B 12

C 14

D 2

Understand It with Pulse | Flag a mistake

5 **Which particle has no charge?**

A the proton

B the electron

C the neutron

D the nucleus

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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