ENGLAND GCSE COMBINED SCIENCE AQA TRILOGY FOUNDATION · UNIT 11 · 5 QUESTIONS

Chemical Changes — 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 **A castle is built of limestone. What is limestone made of?**

- A magnesium oxide, a white powder
- B calcium carbonate
- C calcium sulfate, found in plaster
- D sodium chloride, common salt

Understand It with Pulse | Flag a mistake

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

- A 12
- B 2
- C 7
- D 14

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3 **What is made when an acid reacts with an alkali?**

A hydrogen only

B a salt and hydrogen

C a salt and water

D a salt and oxygen

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4 **How many moles are there in 20 g of a substance with a relative formula mass of 40 ?**

A 0.5

B 1.5

C 0.25

D 1

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5 **Will magnesium displace iron from its salt solution?**

A only when heated

B yes

C only with a catalyst

D no

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ANSWER KEY

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

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