ENGLAND GCSE COMBINED SCIENCE EDEXCEL HIGHER · UNIT 12 · 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 **Lemons contain citric acid. What do acids make with metals?**

- A a salt and oxygen gas
- B a salt and hydrogen
- C a salt and water, never hydrogen
- D water only, nothing else

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2 **Paintbrushes are used with paint. What is paint an example of?**

- A an element
- B a pure substance
- C a compound
- D a formulation

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3 **Why is the filtrate evaporated when making a salt?**

- A to remove the acid from it completely
- B to get crystals of the salt
- C to make the salt melt
- D to dissolve the salt again

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4 **Why is extracting aluminium by electrolysis expensive?**

- A it uses a lot of electricity
- B the process needs very high pressure
- C aluminium ore is very rare
- D cryolite is hard to find

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5

Why does a solution of hydrogen chloride in water conduct electricity?

A it contains free electrons

B it contains ions

C water conducts electricity alone

D it is a metal in solution

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ANSWER KEY

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

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