ENGLAND GCSE COMBINED SCIENCE EDEXCEL HIGHER · UNIT 10 · 5 QUESTIONS

Key Concepts in Chemistry — 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 hydrogen
- B a salt and water, never hydrogen
- C a salt and oxygen gas
- D water only, nothing else

Understand It with Pulse | Flag a mistake

2 **How does chlorine form an ion?**

- A it gains one electron
- B it shares one electron
- C it gains two electrons
- D it loses one electron

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3 **An atom of chlorine gains 1 electron. What is the charge on the ion formed?**

A -1

B +1

C 0

D -2

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4 **An atom has 6 protons and 10 neutrons. What is its mass number?**

A 10

B 6

C 16

D 18

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5

An element is in period 3 of the periodic table. How many electron shells do its atoms have?

A 4

B 3

C 5

D 2

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ANSWER KEY

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

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