ENGLAND GCSE CHEMISTRY AQA HIGHER · UNIT 8 · 5 QUESTIONS

Chemical Analysis — 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 cup of coffee is left for an hour. What happens to its temperature?**

- A it stays the same all day
- B it rises above room temperature
- C it falls to zero degrees
- D it falls to room temperature

Understand It with Pulse | Flag a mistake

2 **Silver coins conduct electricity well. Why?**

- A they are shiny and reflective
- B they are heavy
- C they are cold
- D they have free electrons

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3 **What is flame emission spectroscopy?**

A weighing the sample in a flame

B measuring the temperature of a flame

C analysing the light from a flame

D counting the colours in a flame

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4 **How many atoms of oxygen are there in one molecule of water?**

A 2

B 3

C 0

D 1

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5 **In a chromatogram, a spot moves 3 cm and the solvent moves 12 cm. What is the Rf value?**

- A 0.25
- B 0.35
- C 0.5
- D 0.4

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ANSWER KEY

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

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