ENGLAND GCSE COMBINED SCIENCE AQA TRILOGY FOUNDATION · UNIT 15 · 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 **An ice cream cone melts in the Sun. What is happening to the particles in the ice cream?**

- A they stop moving
- B they get smaller
- C they gain energy and move more
- D they lose energy and slow down a lot

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2 **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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3 **A cup of coffee is hot. How is energy transferred to the air?**

A by conduction and convection

B by evaporation only, from the top

C by radiation only, from the surface

D by condensation on the cold cup

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4 **Silver coins are made of a metal. Which property do metals have?**

A they are brittle

B they conduct electricity

C they dissolve in water

D they do not conduct electricity at all

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5 **In a chromatogram, a spot moves 5 cm and the solvent moves 10 cm. What is the Rf value?**

- A 0.6
- B 0.5
- C 0.65
- D 1

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ANSWER KEY

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

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