ENGLAND GCSE COMBINED SCIENCE EDEXCEL HIGHER · UNIT 11 · 5 QUESTIONS

States of Matter and Mixtures — 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 **Paintbrushes are cleaned in water. Why does the paint wash off?**

- A the paint dissolves
- B the paint burns in the water
- C the paint melts in the water
- D the paint freezes in the water

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2 **A hot air balloon cools down. What happens?**

- A it stays still
- B it bursts
- C it rises faster
- D it sinks

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3 **Lemons contain citric acid. What do acids make with metals?**

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

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4 **A swimming pool is filled with water. What is the density of water?**

A about 10 kilograms per cubic metre

B about 100 kilograms per cubic metre, roughly

C about 1000 kilograms per cubic metre

D about 1 kilogram per cubic metre

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5 **An ice cream cone melts in the Sun. What is happening to the particles in the ice cream?**

A they get smaller

B they stop moving

C they gain energy and move more

D they lose energy and slow down a lot

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ANSWER KEY

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

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