ENGLAND GCSE CHEMISTRY AQA HIGHER · UNIT 4 · 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** **A castle wall is made of stone. What type of rock is limestone?**

- A igneous
- B sedimentary
- C metamorphic
- D volcanic

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**2** **A solution has a hydrogen ion concentration of $10^{-3}$mol per cubic decimetre. What is its pH?**

- A 2
- B 5
- C 4
- D 3

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**3** **What is the half equation for copper forming at the cathode?**

- **A** $Cu^{2+} \rightarrow Cu + 2e^{-}$
- **B** $Cu^{2+} + 2e^{-} \rightarrow Cu$
- **C** $2Cu^{2+} + 2e^{-} \rightarrow 2Cu$
- **D** $Cu + 2e^{-} \rightarrow Cu^{2+}$

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**4** **What is the pH of a neutral solution?**

- **A** 14
- **B** 1
- **C** 7
- **D** 0

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5 **How many moles are there in 80 g of a substance with a relative formula mass of 20 ?**

A 4

B 8

C 2

D 12

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## ANSWER KEY

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

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