ENGLAND GCSE CHEMISTRY EDEXCEL FOUNDATION · UNIT 6 · 10 QUESTIONS

Groups in the Periodic Table — 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 thermometer is placed in hot water. What happens to the liquid inside the thermometer?**

- A it contracts
- B it evaporates
- C it expands
- D it freezes

Understand It with Pulse | Flag a mistake

2 **Hardcover books are dropped. What happens to their speed as they fall?**

- A it increases
- B it becomes zero
- C it decreases
- D it stays the same

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3 **What is a property of copper?**

A it never reacts with oxygen in the air

B it is a good conductor

C it is soft and easy to cut with a knife

D it melts at a very low temperature

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4 **What is chlorine used for?**

A to make steel in a blast furnace

B to fill balloons so they float

C to treat water

D to ripen fruit in storage

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5 **What is a period in the periodic table?**

A a block of metals only

B a column running down the table

C a single element on its own

D a row

Understand It with Pulse | Flag a mistake

6 **Why are transition metals used as catalysts?**

A they dissolve in the reaction mixture

B they change colour during the reaction

C they speed up reactions

D they are used up in the reaction

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

A they are heavy

B they are cold

C they have free electrons

D they are shiny and reflective

Understand It with Pulse | Flag a mistake

8 **What is argon used for?**

A in light bulbs

B in balloons, to make them float

C in rockets, as a fuel for burning

D in medicine, to treat disease

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9 **What is bromine used for?**

A in street lights, to give a yellow glow

B in balloons, to make them float

C in disinfectants

D in fertilisers, to help crops grow

Understand It with Pulse | Flag a mistake

10 **What is formed when chlorine reacts with potassium bromide solution?**

A potassium iodide and bromine water

B potassium bromide and chlorine gas

C nothing, as no reaction happens

D potassium chloride and bromine

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. C
2. A
3. B
4. C
5. D
6. C
7. C
8. A
9. C
10. D

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