ENGLAND GCSE COMBINED SCIENCE OCR TWENTY FIRST CENTURY HIGHER · UNIT 10 · 10 QUESTIONS

Material Choices — 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 **Silver coins conduct electricity well. Why?**

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

Understand It with Pulse | Flag a mistake

2 **Paintbrushes are used with paint. What is paint an example of?**

- A an element
- B a compound
- C a pure substance
- D a formulation

Understand It with Pulse | Flag a mistake

3 **Which of these is a use of nanoparticles in medicine?**

- A blocking X-rays in scans
- B making tablets much bigger
- C carrying drugs to cells
- D cooling the body down quickly

Understand It with Pulse | Flag a mistake

4 **Which stage of a life cycle assessment covers digging up raw materials?**

- A use
- B disposal
- C extraction
- D manufacture

Understand It with Pulse | Flag a mistake

5 **In which state do particles move most freely?**

- A plasma
- B solid
- C gas
- D liquid

Understand It with Pulse | Flag a mistake

6 **What is rust?**

- A pure iron metal with no oxygen
- B iron carbonate from the air
- C hydrated iron oxide
- D iron sulfate from acid rain

Understand It with Pulse | Flag a mistake

7 How many atoms of hydrogen are there in one molecule of methane?

- A 3
- B 5
- C 4
- D 6

Understand It with Pulse | Flag a mistake

8 What is bronze made from?

- A copper and zinc mixed together
- B copper and aluminium mixed together
- C iron and carbon mixed together
- D copper and tin

Understand It with Pulse | Flag a mistake

9 **A town recycles 25 percent of its 200 tonnes of waste. How many tonnes are recycled?**

- A 100 tonnes
- B 70 tonnes
- C 50 tonnes
- D 30 tonnes

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10 **A wooden footbridge crosses a stream. What force pulls the bridge down?**

- A gravity
- B upthrust
- C tension
- D friction

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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