ENGLAND GCSE CHEMISTRY OCR TWENTY FIRST CENTURY HIGHER · UNIT 5 · 10 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 **Lemons taste sour. What does sour taste show?**

- A a metal is present
- B a salt is present
- C an acid is present
- D an alkali is present

Understand It with Pulse | Flag a mistake

2 **A chocolate cake is baked. Is baking a chemical change?**

- A never
- B no
- C yes
- D sometimes

Understand It with Pulse | Flag a mistake

3 **What colour flame does potassium give in a flame test?**

- A green
- B lilac
- C yellow
- D brick red

Understand It with Pulse | Flag a mistake

4 **A sample containing calcium is put in a flame. What colour is the flame?**

- A orange-red
- B bright yellow
- C crimson red
- D pale lilac

Understand It with Pulse | Flag a mistake

5 **Paintbrushes are cleaned in water. Why does the paint wash off?**

A the paint burns in the water

B the paint dissolves

C the paint freezes in the water

D the paint melts in the water

Understand It with Pulse | Flag a mistake

6 **What is the residue in filtration?**

A the funnel

B the filter paper

C the solid left behind

D the liquid that passes through

Understand It with Pulse | Flag a mistake

7 **What is seen when sodium hydroxide is added to iron(III) chloride solution?**

A a blue precipitate forms at once

B a brown precipitate

C a green precipitate forms at once

D a white precipitate forms at once

Understand It with Pulse | Flag a mistake

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

A they dissolve in water

B they do not conduct electricity at all

C they conduct electricity

D they are brittle

Understand It with Pulse | Flag a mistake

9 **What is the test for carbon dioxide?**

A a lighted splint pops

B limewater turns cloudy

C bromine water turns colourless

D a glowing splint relights

Understand It with Pulse | Flag a mistake

10 **What is a titration used for?**

A finding a concentration

B finding a colour

C finding a temperature change

D finding a mass

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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