

[Neutralisation and salt production]

Q1.(2018)

A metal carbonate reacts with an acid.

What products are made?

- A Salt and carbon dioxide
- B Salt and water
- C Salt, carbon dioxide and water
- D Salt, hydrogen and carbon dioxide

Your answer

☐

[1]

Q2.(2018)

Sodium hydroxide reacts with hydrochloric acid.

Sodium chloride and water are made.

(a) Write a **word** equation for this reaction.

..... [1]

Q3.(2022)

Which particles in an aqueous solution of sodium hydroxide, NaOH(aq), make it alkaline?

- A H^+
- B H_2O
- C OH^-
- D Na^+

Your answer

☐

[1]

Q4.(2022)

5 The table shows the colours of universal indicator in solutions of different pH.

pH	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Colour	red		orange		yellow		green	blue			purple			

A sample of water has a pH of 7. A small amount of dilute hydrochloric acid is added to the water.

Which colour does universal indicator turn in this solution?

- A Blue
- B Green
- C Orange
- D Purple

Your answer

[1]

Q5.(2023)

Which is an example of a **neutralisation** reaction?

- A A metal reacting with an acid
- B A non-metal reacting with oxygen
- C A salt dissolving in water
- D An acid reacting with an alkali

Your answer

[1]

Q6.(2024)

The table shows the colours of an indicator at different pH values.

1	2	3	4	5	6	7	8	9	10	11	12
Pink			Orange			Purple			Green		

Which colour is this indicator in a **neutral** solution?

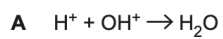
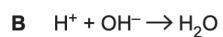
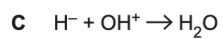
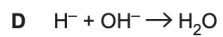
- A Green
- B Orange
- C Pink
- D Purple

Your answer

[1]

Q7.(2024)

What is the ionic equation for an aqueous neutralisation reaction?



Your answer

[1]