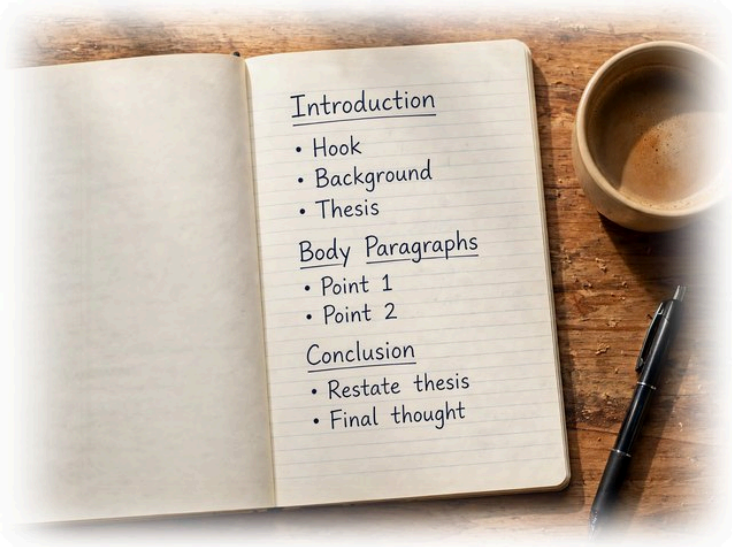
ONTARIO SCIENCE, GRADE 10, ACADEMIC (SNC2D) · UNIT B · 5 QUESTIONS

Chemistry: Chemical Reactions — 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 to let Brett know so he can fix it.

1 **An open notebook showing a handwritten essay outline with introduction, body paragraphs and conclusion, a pen and a cup of coffee beside it. Two solutions are mixed and the colour changes and heat is released. The best conclusion is that**



A a chemical reaction has occurred

B only a physical change has occurred

C no change of any kind has occurred

D the solutions have evaporated

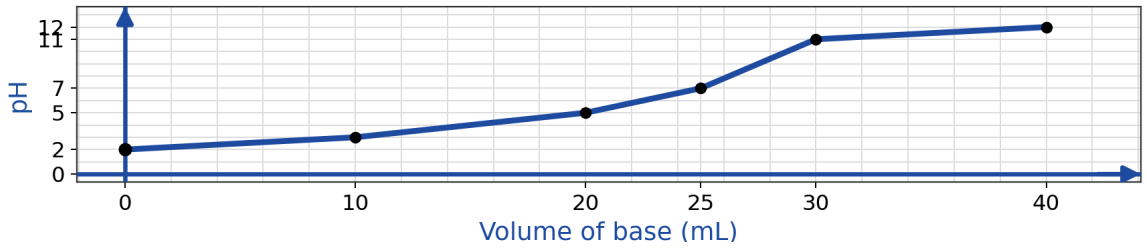
Understand It with Pulse | Flag a mistake

2 **An antacid tablet relieves excess stomach acid because the antacid**

- **A** stops digestion permanently
- **B** is a base that neutralizes some stomach acid
- **C** is an acid that adds to the stomach acid
- **D** absorbs all water from the stomach

Understand It with Pulse | Flag a mistake

3 **The graph shows measured pH values as base is added during a titration. The volume of base added when the pH first reaches 7 , in millilitres, is**



ANSWER _____

Understand It with Pulse | Flag a mistake

4 **Solution R has pH 11 and solution S has pH 8 . Which statement is correct?**

A R and S are both acidic

B R and S are both neutral

C R is more basic than S

D S is more basic than R

Understand It with Pulse | Flag a mistake

5 **Nitric acid reacts with sodium hydroxide. The salt produced is**

A Sodium chloride

B Sodium sulfate

C Sodium carbonate

D Sodium nitrate

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. A
2. B
3. 25
4. C
5. D

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