



KEC

K Education Centre



KS3 Year 8 Science

Chemistry – Reaction with acids and alkalis

Assignment Questions

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Reaction with acids and alkalis

Q1: What is an alkali? How it is different from a base.

Q2: What is neutralisation reaction?

Q3: Why we use PH scale? What does PH scale of 8 suggests about a substance.

Q4: What is universal indicator? Give example.

Q5: Complete the following reactions:

Lithium Hydroxide + Hydrochloric acid \longrightarrow

Potassium Hydroxide + Sulfuric Acid \longrightarrow

Q6: What are antacids? How do they work?

Q7: Complete the following reaction.

Calcium Carbonate + Hydrochloric acid \longrightarrow

Magnesium Carbonate + Hydrochloric acid \longrightarrow

Q8: Give the name of any three acids and alkalis with formulas.

Q9: With diagrams outline the method of formation of common salt.

Q10: Classify the following as acid, base or salt

- a) Magnesium Chloride b) Magnesium Oxide c) Nitric acid d) Sodium hydroxide e) Magnesium Carbonate