

# Chemistry Test Practice Test Questions and Answers

## 1. What is electrolysis?

- A) Spontaneous redox reaction producing electricity
- B) Using electrical energy to drive a non-spontaneous reaction
- C) Measuring electrode potential
- D) Converting chemical energy to heat

## 2. What is nuclear fusion?

- A) Splitting a uranium nucleus
- B) Combining two light nuclei to form a heavier nucleus
- C) Emitting gamma radiation from an excited nucleus
- D) Capturing an electron by the nucleus

## 3. What is nuclear fission?

- A) Combining two light nuclei into a heavier one
- B) Splitting a heavy nucleus into smaller fragments releasing energy
- C) Emitting an alpha particle from a nucleus
- D) Converting a proton to a neutron

## 4. Which compound is known as quicklime?

- A) Calcium carbonate
- B) Calcium oxide
- C) Calcium hydroxide
- D) Calcium chloride

**Answers: 1-B 2-B 3-B 4-B**

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