Fundamentals of Chemistry

Chemistry · Answer Key · 8 Questions

1. Which subatomic particle carries a negative electrical charge?

A) Proton
B) Electron
C) Neutron
D) Nucleus

2. What is the chemical symbol for the element Gold?

A) Gd
B) Go
C) Au
D) Ag

3. Which state of matter has a definite volume but no definite shape?

A) Solid
B) Gas
C) Liquid
D) Plasma

4. What is the center of an atom called?

A) Shell
B) Nucleus
C) Orbit
D) Electron cloud

5. Which gas do humans primarily exhale as a product of cellular respiration?

A) Oxygen
B) Nitrogen
C) Carbon dioxide
D) Hydrogen

6. What is the pH level of pure water at room temperature?

A) 1
B) 7
C) 10
D) 14

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7. Which of these is a pure substance made of only one type of atom?

A) Compound
B) Mixture
C) Element
D) Solution

8. What process involves a substance changing from a solid directly into a gas?

A) Sublimation
B) Condensation
C) Evaporation
D) Freezing

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