Basic Science Essentials

General Science · Answer Key · 8 Questions

1. Which gas do plants primarily absorb from the atmosphere for the process of photosynthesis?

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

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

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

3. In physics, what is the unit used to measure electrical resistance?

A) Volt
B) Ohm
C) Ampere
D) Watt

4. Which part of the human cell is often referred to as the 'powerhouse' because it generates most of the cell's supply of adenosine triphosphate?

A) Nucleus
B) Ribosome
C) Mitochondria
D) Cytoplasm

5. What is the most abundant gas in Earth's atmosphere?

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

6. Which planet in our solar system is known for its prominent ring system?

A) Mars
B) Jupiter
C) Saturn
D) Neptune

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7. What type of rock is formed from the cooling and solidification of molten magma or lava?

A) Sedimentary
B) Metamorphic
C) Igneous
D) Mineral

8. What is the process called when a liquid turns into a gas at a temperature below its boiling point?

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