

High School Biology Fundamentals

Biology · Answer Key · 10 Questions

1. What is the basic unit of all living organisms?

- A) Molecule
- B) Atom
- C) Cell**
- D) Tissue

2. Which organelle is responsible for photosynthesis in plant cells?

- A) Mitochondrion
- B) Nucleus
- C) Ribosome
- D) Chloroplast**

3. What is the process by which plants make their own food?

- A) Respiration
- B) Fermentation
- C) Photosynthesis**
- D) Digestion

4. Which gas do plants absorb from the atmosphere during photosynthesis?

- A) Oxygen
- B) Nitrogen
- C) Carbon Dioxide**
- D) Hydrogen

5. What is the primary function of red blood cells?

- A) Fighting infection
- B) Clotting blood
- C) Transporting oxygen**
- D) Producing antibodies

6. Which of the following is a characteristic of all living things?

- A) Producing electricity
- B) Moving constantly
- C) Reproducing**
- D) Having bones

7. What is the powerhouse of the cell, responsible for generating energy?

- A) Nucleus
- B) Lysosome
- C) Golgi apparatus

D) Mitochondrion

8. What type of organism breaks down dead organic matter?

- A) Producer
- B) Consumer

C) Decomposer

D) Autotroph

9. What are the building blocks of proteins called?

- A) Nucleotides
- B) Fatty acids

C) Amino acids

D) Monosaccharides

10. Which part of the plant absorbs water and nutrients from the soil?

- A) Leaves
- B) Stem
- C) Flower

D) Roots