

Environmental Science Fundamentals

Environmental Science · Answer Key · 8 Questions

1. Which process involves green plants converting light energy into chemical energy?

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

2. What is the primary gas that makes up the Earth's atmosphere by volume?

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

3. Which biome is characterized by low temperatures and a layer of permanently frozen subsoil known as permafrost?

- A) Tundra**
- B) Taiga
- C) Savanna
- D) Chaparral

4. Which group of animals is primarily responsible for the majority of global pollination for flowering plants?

- A) Birds
- B) Bats
- C) Insects**
- D) Small mammals

5. What is the term for the total variety of life in a particular habitat or ecosystem?

- A) Biomass
- B) Biodiversity**
- C) Population density
- D) Succession

6. Which layer of the Earth's atmosphere contains the ozone layer that absorbs ultraviolet radiation?

- A) Troposphere
- B) Mesosphere
- C) Stratosphere**
- D) Thermosphere

7. What is the term for an organism that primarily consumes both plants and animals?

- A) Herbivore
- B) Carnivore
- C) Detritivore
- D) Omnivore**

8. Which natural phenomenon is caused by the gravitational pull of the Moon and the Sun on Earth's oceans?

- A) Tides**
- B) Currents
- C) Upwelling
- D) Tsunamis