

Life Science Essentials

Life Science · Answer Key · 8 Questions

1. Which part of a plant is primarily responsible for absorbing water and nutrients from the soil?

A) Leaves

B) Roots

C) Flowers

D) Stem

2. Which life process describes how organisms produce offspring to ensure their species continues?

A) Respiration

B) Photosynthesis

C) Reproduction

D) Digestion

3. What substance do plants take in from the air to perform photosynthesis?

A) Carbon dioxide

B) Oxygen

C) Nitrogen

D) Helium

4. Which of the following animals is classified as an amphibian?

A) Shark

B) Frog

C) Eagle

D) Lizard

5. What is the main source of energy for almost all life on Earth?

A) Water

B) Moonlight

C) Soil

D) Sunlight

6. Which of these organisms is a primary producer in a food chain?

A) Lion

B) Grass

C) Hawk

D) Snake

7. What is the correct order of the stages in the life cycle of a butterfly?

A) Egg, Pupa, Larva, Adult

B) Egg, Larva, Pupa, Adult

C) Larva, Egg, Pupa, Adult

D) Adult, Pupa, Larva, Egg

8. Which organ in the human body is responsible for pumping blood throughout the circulatory system?

A) Lungs

B) Stomach

C) Heart

D) Brain