

Exploring the Living World

Biology · Answer Key · 15 Questions

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

- A) Leaf
- B) Flower
- C) Root**
- D) Stem

2. Which of the following is a producer in an ecosystem, meaning it makes its own food?

- A) Rabbit
- B) Grass**
- C) Fox
- D) Bear

3. What is the primary function of the heart in the human body?

- A) Digest food
- B) Pump blood**
- C) Help us see
- D) Store energy

4. Which of these is a characteristic of all living things?

- A) They have fur
- B) They can move quickly
- C) They grow and reproduce**
- D) They can fly

5. What gas do plants take in from the atmosphere during photosynthesis?

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

6. What is the process by which living organisms change over time, leading to new species?

- A) Photosynthesis
- B) Respiration
- C) Evolution**
- D) Germination

7. Which animal group lays eggs and has scales or feathers?

- A) Mammals
- B) Amphibians
- C) Reptiles**
- D) Insects

8. What is the basic unit of life that makes up all living things?

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

9. What part of a flower typically attracts pollinators like bees and butterflies?

- A) Stem
- B) Root
- C) Petal**
- D) Seed

10. Which of the following is an example of a herbivore, an animal that eats only plants?

- A) Lion
- B) Shark
- C) Cow**
- D) Eagle

11. What is the name for the hard outer covering that protects some animals, like snails and turtles?

- A) Fur
- B) Skin
- C) Shell**
- D) Feathers

12. What is the main purpose of the lungs in the human respiratory system?

- A) To pump blood
- B) To help us taste
- C) To exchange gases (oxygen and carbon dioxide)**
- D) To digest food

13. Which of these is a decomposer, an organism that breaks down dead plants and animals?

- A) Tree
- B) Flower
- C) Mushroom**
- D) Grasshopper

14. What is the process called when a seed starts to grow into a new plant?

- A) Pollination
- B) Fertilisation
- C) Germination**
- D) Transpiration

15. What is the largest organ of the human body, which covers the outside of the body?

- A) Brain
- B) Heart
- C) Skin**
- D) Stomach