

Introduction to Living Organisms and Biology

Biology · Answer Key · 15 Questions

1. Which of the following is NOT one of the seven characteristics of living things?

- A) Movement
- B) Respiration
- C) Thinking**
- D) Nutrition

2. What gas do plants take in from the air to perform photosynthesis?

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

3. Which organ system is responsible for pumping blood throughout the human body?

- A) Respiratory system
- B) Digestive system
- C) Circulatory system**
- D) Excretory system

4. What is the primary function of the nucleus in a cell?

- A) To act as the control center**
- B) To store water
- C) To provide structural support
- D) To break down food

5. Which structure is found in plant cells but NOT in animal cells?

- A) Cell membrane
- B) Nucleus
- C) Cell wall**
- D) Cytoplasm

6. What happens to limewater when carbon dioxide is bubbled through it?

- A) It becomes invisible
- B) It turns cloudy white**
- C) It turns bright red
- D) It bubbles over

7. Which of the following describes a 'tissue'?

- A) A single living cell
- B) A group of organs working together
- C) A group of specialized cells of the same type working together**
- D) The entire body of an organism

8. What is the main function of the leaves in a plant?

- A) To anchor the plant
- B) To produce flowers
- C) To absorb water
- D) To trap sunlight for photosynthesis**

9. Which organ is responsible for making urine and balancing the blood?

- A) Liver
- B) Kidney**
- C) Stomach
- D) Pancreas

10. What is the term for an organism made up of many cells?

- A) Unicellular
- B) Multicellular**
- C) Microscopic
- D) Simple

11. Which part of the microscope do you look through?

- A) Stage
- B) Objective lens
- C) Eyepiece lens**
- D) Focusing knob

12. Why is movement considered vital for animals?

- A) To look better
- B) To find food and avoid danger**
- C) To grow larger
- D) To breathe oxygen

13. What do animals produce as a waste product during respiration?

- A) Sugar
- B) Sunlight
- C) Carbon dioxide**
- D) Minerals

14. What is the jelly-like substance inside a cell where many jobs are performed?

A) Cytoplasm

B) Nucleus

C) Cell wall

D) Vacuole

15. Which system breaks down food and absorbs it into the blood?

A) Excretory system

B) Nervous system

C) Digestive system

D) Respiratory system