

Introduction to Living Organisms and Biology

Biology · Practice Test · 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