

Elementary Ecology Basics

Ecology · Practice Test · 20 Questions

1. Which of these is a non-living part of an ecosystem?

- A) A bird
- B) A rock
- C) A tree
- D) A fish

2. What do plants use from the sun to make their own food?

- A) Soil
- B) Energy
- C) Water
- D) Oxygen

3. What do we call an animal that only eats plants?

- A) Herbivore
- B) Carnivore
- C) Omnivore
- D) Decomposer

4. Which of these is a living thing?

- A) Water
- B) Sunlight
- C) Grass
- D) Sand

5. What is the primary source of energy for almost all ecosystems?

- A) The Moon
- B) The Wind
- C) The Sun
- D) The Ocean

6. Which animal is a predator that hunts for its food?

- A) A sheep
- B) A cow
- C) A lion
- D) A rabbit

7. Where does a fish naturally live and get what it needs to survive?

- A) Its habitat
- B) A city
- C) A library
- D) A car

8. What do we call animals that eat both plants and meat?

- A) Herbivores
- B) Omnivores
- C) Carnivores
- D) Producers

9. What helps break down dead plants and animals to enrich the soil?

- A) Sunlight
- B) Decomposers
- C) Predators
- D) Herbivores

10. Which of these animals is an example of a carnivore?

- A) Horse
- B) Shark
- C) Koala
- D) Sheep

11. What is a group of living things and their non-living environment working together called?

- A) An ecosystem
- B) A house
- C) A galaxy
- D) A school

12. What do plants release into the air that humans and animals need to breathe?

- A) Carbon dioxide
- B) Oxygen
- C) Dust
- D) Nitrogen

13. Which of these is a natural home for a desert animal?

- A) The ocean
- B) A snowy mountain
- C) A hot, sandy area
- D) A rainforest

14. What part of a plant usually grows underground and absorbs water?

- A) Leaves
- B) Flowers
- C) Roots
- D) Stem

15. What is a simple path showing how energy moves from one living thing to another?

- A) Food chain
- B) Traffic light
- C) Road map
- D) Circle

16. Which of these is a cold, icy habitat?

- A) Tropical jungle
- B) Antarctica
- C) Desert
- D) Grassland

17. What do bees collect from flowers to help plants reproduce?

- A) Pollen
- B) Rocks
- C) Water
- D) Soil

18. What is a large area of land with similar climate, plants, and animals called?

- A) A biome
- B) A store
- C) A classroom
- D) A vehicle

19. Which of these animals would most likely be found in a freshwater river?

- A) A camel
- B) A frog
- C) A kangaroo
- D) A polar bear

20. What is the role of a producer in a food chain?

- A) To eat other animals
- B) To make its own food
- C) To clean the water
- D) To hunt insects