

General Basic Science Quiz

Basic Science · Practice Test · 20 Questions

1. Which planet is known as the Red Planet?

- A) Venus
- B) Mars
- C) Jupiter
- D) Saturn

2. What is the primary source of energy for the Earth's atmosphere?

- A) The Moon
- B) The Sun
- C) Geothermal heat
- D) Wind

3. Which state of matter has a definite shape and volume?

- A) Gas
- B) Liquid
- C) Plasma
- D) Solid

4. What gas do humans need to breathe in to survive?

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

5. Which organ in the human body pumps blood?

- A) Lungs
- B) Stomach
- C) Brain
- D) Heart

6. What is the hardest natural substance on Earth?

- A) Gold
- B) Diamond
- C) Iron
- D) Quartz

7. Which force pulls objects toward the center of the Earth?

- A) Magnetism
- B) Gravity
- C) Friction
- D) Electricity

8. How many legs does an insect typically have?

- A) Four
- B) Six
- C) Eight
- D) Ten

9. What is the process by which plants make their own food?

- A) Photosynthesis
- B) Respiration
- C) Digestion
- D) Fermentation

10. Which planet is the largest in our solar system?

- A) Earth
- B) Mars
- C) Jupiter
- D) Neptune

11. What is the freezing point of water at sea level in degrees Celsius?

- A) 0
- B) 10
- C) 32
- D) 100

12. Which part of the plant grows underground and absorbs water?

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

13. What do we call a scientist who studies stars and planets?

- A) Biologist
- B) Chemist
- C) Astronomer
- D) Geologist

14. Which of these is a mammal?

- A) Shark
- B) Frog
- C) Eagle
- D) Dolphin

15. What is the chemical symbol for water?

- A) CO₂
- B) H₂O
- C) O₂
- D) NaCl

16. Which gas do plants absorb from the air to perform photosynthesis?

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

17. What is the center of an atom called?

- A) Nucleus
- B) Electron
- C) Shell
- D) Proton

18. Which type of animal eats only plants?

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

19. What color does the sky appear on a clear day due to light scattering?

- A) Red
- B) Yellow
- C) Blue
- D) Purple

20. How many planets are there in our solar system?

- A) 7
- B) 8
- C) 9
- D) 10