

General Basic Science Quiz

Basic Science · Answer Key · 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