

# 100 Best Science Quiz Questions

Science is everywhere around us, shaping the way we understand the world. This list of the best 100 science questions covers topics like biology, physics, chemistry, and astronomy. Test your [general knowledge in English](#) or use these for fun quizzes. Let's get started 100 science quiz questions with answers.

## General Science Questions

1. What is the boiling point of water in Celsius?  
**Answer:** 100°C.
2. What gas do plants absorb from the atmosphere?  
**Answer:** Carbon dioxide.
3. What is the chemical symbol for water?  
**Answer:** H<sub>2</sub>O.
4. What part of the cell contains the genetic material?  
**Answer:** Nucleus.
5. What is the process by which plants make their food?  
**Answer:** Photosynthesis.
6. Who is known as the Father of Modern Physics?  
**Answer:** Albert Einstein.
7. What gas is most abundant in the Earth's atmosphere?  
**Answer:** Nitrogen.
8. What unit is used to measure force?  
**Answer:** Newton.
9. Which organ in the human body is responsible for pumping blood?  
**Answer:** Heart.
10. What is the hardest natural substance on Earth?  
**Answer:** Diamond.

## Biology Questions

11. What is the powerhouse of the cell?  
**Answer:** Mitochondria.
12. What is the largest organ in the human body?  
**Answer:** Skin.
13. What type of blood cells help fight infection?  
**Answer:** White blood cells.
14. What is the smallest unit of life?  
**Answer:** Cell.
15. What process converts glucose into energy in cells?  
**Answer:** Cellular respiration.

16. What is the term for animals that eat both plants and meat?  
**Answer:** Omnivores.
17. Which organ filters waste from the blood?  
**Answer:** Kidney.
18. What is the human body's largest artery?  
**Answer:** Aorta.
19. What pigment gives plants their green color?  
**Answer:** Chlorophyll.
20. What is the name of the human body's longest bone?  
**Answer:** Femur.

## Chemistry Questions

21. What is the chemical symbol for gold?  
**Answer:** Au.
22. What is the pH level of pure water?  
**Answer:** 7.
23. What element is found in all organic compounds?  
**Answer:** Carbon.
24. What is the most abundant element in the universe?  
**Answer:** Hydrogen.
25. What is the chemical formula for table salt?  
**Answer:** NaCl.
26. Who is known as the Father of the Periodic Table?  
**Answer:** Dmitri Mendeleev.
27. What type of bond involves the sharing of electrons?  
**Answer:** Covalent bond.
28. What acid is found in vinegar?  
**Answer:** Acetic acid.
29. What is the main component of natural gas?  
**Answer:** Methane.
30. What element has the atomic number 1?  
**Answer:** Hydrogen.

## Physics Questions

31. What is the speed of light?  
**Answer:** 299,792 kilometers per second.
32. What is the force that causes objects to fall to the ground?  
**Answer:** Gravity.
33. Who developed the three laws of motion?  
**Answer:** Isaac Newton.
34. What is the SI unit of energy?  
**Answer:** Joule.

35. What is the term for the bending of light as it passes through different mediums?

**Answer:** Refraction.

36. What is the term for stored energy?

**Answer:** Potential energy.

37. What is the study of motion and forces called?

**Answer:** Mechanics.

38. What subatomic particle has a positive charge?

**Answer:** Proton.

39. What is the phenomenon of producing electric current using a magnetic field?

**Answer:** Electromagnetic induction.

40. What is the law that states energy cannot be created or destroyed?

**Answer:** The Law of Conservation of Energy.

## Astronomy Questions

41. What is the name of the galaxy we live in?

**Answer:** Milky Way.

42. What is the closest planet to the Sun?

**Answer:** Mercury.

43. What is the largest planet in our solar system?

**Answer:** Jupiter.

44. What is the name of Earth's only natural satellite?

**Answer:** Moon.

45. What type of celestial body is the Sun?

**Answer:** Star.

46. What is the term for a star explosion?

**Answer:** Supernova.

47. What is the red planet?

**Answer:** Mars.

48. What is the term for the path of a planet around the Sun?

**Answer:** Orbit.

49. What is the smallest planet in our solar system?

**Answer:** Mercury.

50. Who was the first human to walk on the Moon?

**Answer:** Neil Armstrong.

## Environmental Science Questions

51. What is the term for the variety of life in a particular habitat or ecosystem?

**Answer:** Biodiversity.

52. What is the main cause of global warming?

**Answer:** Greenhouse gases.

53. What type of energy is derived from the Sun?

**Answer:** Solar energy.

54. What process removes salt from seawater to make it drinkable?  
**Answer:** Desalination.
55. What is the term for the cutting down of forests?  
**Answer:** Deforestation.
56. What is the main component of air pollution?  
**Answer:** Carbon dioxide.
57. What is the name of the layer that protects Earth from UV radiation?  
**Answer:** Ozone layer.
58. What is the term for rain that contains harmful chemicals?  
**Answer:** Acid rain.
59. What type of energy comes from the Earth's heat?  
**Answer:** Geothermal energy.
60. What is the primary source of energy on Earth?  
**Answer:** Sun.



# ENVIRONMENT QUIZ QUESTIONS



G KQ

Answer the following questions about eco-friendly products

- 1 What type of bag is an eco-friendly alternative to single-use plastic bags?  
a) Paper bag      b) Cloth tote bag  
c) Styrofoam bag      d) Plastic bag
- 2 Which of the following is biodegradable alternative to plastic straws?  
a) Metal straws      b) Bamboo straws  
c) Plastic straws      d) Styrofoam straws
- 3 What kind of light bulbs are considered eco-friendly due to their energy efficiency?  
a) LED bulbs      b) Fluorescent bulbs  
c) Halogen bulbs      d) Incandescent bulbs
- 4 Which of the following materials is commonly used to make eco-friendly toothbrushes?  
a) Plastic      b) Bamboo  
c) Metal      d) Glass
- 5 What type of product is used to replace single-use plastic wrap in eco-friendly kitchens?  
a) Aluminum foil      b) Wax paper  
c) Plastic wrap      d) Beeswax wraps
- 6 Which of the following is an eco-friendly alternative to disposable plastic water bottles?  
a) Glass bottles      b) Plastic bottles  
c) Styrofoam cups      d) Aluminum cans
- 7 Which of the following materials is commonly used to make eco-friendly clothing?  
a) Synthetic fibers      b) Cotton  
c) Polyester      d) Nylon
- 8 What type of product is used to replace disposable plastic utensils in eco-friendly dining?  
a) Electric vehicles      b) Diesel vehicles  
c) Hybrid vehicles      d) Gasoline vehicles
- 9 Which of the following is an eco-friendly alternative to traditional gasoline-powered vehicles?  
a) Wooden utensils      b) Plastic utensils  
c) Styrofoam utensils      d) Metal utensils
- 10 What type of household cleaning product is eco-friendly and biodegradable?  
a) Bleach      b) Green cleaners  
c) Ammonia-based cleaners      d) Chemical-based cleaners

## Earth Science Questions

61. What is the outermost layer of the Earth called?  
**Answer:** Crust.
62. What is the term for molten rock beneath the Earth's surface?  
**Answer:** Magma.
63. What is the largest ocean on Earth?  
**Answer:** Pacific Ocean.
64. What is the term for the movement of tectonic plates?  
**Answer:** Plate tectonics.
65. What is the main cause of earthquakes?  
**Answer:** Movement of tectonic plates.
66. What type of rock is formed from cooled lava?  
**Answer:** Igneous rock.
67. What is the term for the continuous movement of water on Earth?  
**Answer:** Water cycle.
68. What is the name of the deepest point in the ocean?  
**Answer:** Mariana Trench.
69. What is the term for the process by which water vapor turns into liquid?  
**Answer:** Condensation.
70. What is the imaginary line that divides Earth into northern and southern hemispheres?  
**Answer:** Equator.

## What's inside Earth?

If you slice Earth in half, you'll see that it has four major layers: the crust, the mantle, the outer core, and the inner core.

Each layer's unique composition and properties affect what we experience here on the surface.



Earth Science Quiz Questions

### Technology and Science Questions

71. Who invented the light bulb?  
**Answer:** Thomas Edison.
72. What does DNA stand for?  
**Answer:** Deoxyribonucleic acid.
73. What is the term for machines that mimic human intelligence?  
**Answer:** Artificial intelligence (AI).
74. What is the study of computers and computing called?  
**Answer:** Computer science.
75. What is the device used to measure temperature?  
**Answer:** Thermometer.

76. What is the term for a device that converts chemical energy into electrical energy?  
**Answer:** Battery.
77. What is the branch of science concerned with robots?  
**Answer:** Robotics.
78. What is the fastest means of communication today?  
**Answer:** Internet.
79. Who is credited with inventing the World Wide Web?  
**Answer:** Tim Berners-Lee.
80. What type of energy does a solar panel produce?  
**Answer:** Electrical energy.

## Space Exploration Questions

81. What was the first man-made satellite to orbit Earth?  
**Answer:** Sputnik 1.
82. Which planet is known for its rings?  
**Answer:** Saturn.
83. What year did humans first land on the Moon?  
**Answer:** 1969.
84. What is the term for a scientist who studies space?  
**Answer:** Astronomer.
85. What is the name of the telescope launched into space to observe distant stars?  
**Answer:** Hubble Space Telescope.
86. What is the nearest star to Earth?  
**Answer:** The Sun.
87. Which planet is often called Earth's twin?  
**Answer:** Venus.
88. What is the term for a space rock that burns upon entering Earth's atmosphere?  
**Answer:** Meteor.
89. What is the spacecraft that carried the first astronauts to the Moon?  
**Answer:** Apollo 11.
90. What is the name of NASA's Mars rover launched in 2020?  
**Answer:** Perseverance.

## Science in Everyday Life Questions

91. What household item uses the principle of refraction to magnify objects?  
**Answer:** Magnifying glass.
92. What ingredient in toothpaste helps prevent cavities?  
**Answer:** Fluoride.
93. What is the main gas used in fire extinguishers?  
**Answer:** Carbon dioxide.
94. What metal is commonly used in electrical wiring?  
**Answer:** Copper.



95. What household appliance uses the principle of conduction to heat food?

**Answer:** Stove.

96. What is the term for the mixture of gases we breathe?

**Answer:** Air.

97. What process is used to clean water by removing impurities?

**Answer:** Filtration.

98. What is the term for a lens that corrects nearsightedness?

**Answer:** Concave lens.

99. What everyday device uses electromagnetic waves for communication?

**Answer:** Mobile phone.

100. What scientific principle causes ice to float on water?

**Answer:** Density (ice is less dense than water).

For more science questions you can [visit Pinterest @stylervibe](#).

## FAQs

### **Are these science questions suitable for advanced learners?**

Yes, they cover a wide range of topics suitable for beginners to advanced learners.

### **Can I use these questions in a science competition?**

Yes, these questions are ideal for science competitions, quizzes, and educational activities.

### **Do these questions include answers?**

Yes, each question is accompanied by a clear and concise answer.

### **How can I test my knowledge with these questions?**

You can use them in a self-quiz format or challenge a friend to see who scores higher.

### **Can I suggest additional science questions for the list?**

Of course! Feel free to share your suggestions, and we'll add them to the list.