

Science Trivia: Questions, Answers, and Facts  
Printable Trivia Pack

Science trivia brings together memorable questions about the universe, life on Earth, famous discoveries, and the principles that shape everyday experience. From family-friendly basics to funny prompts and tougher challenges, it offers an accessible way to test knowledge while highlighting how science has evolved through observation, experiment, and debate.

HARD SCIENCE TRIVIA

1. Who discovered the neutron in 1932?

Answer: James Chadwick

2. Enrico Fermi's team achieved the first controlled nuclear chain reaction in what year?

Answer: 1942

3. Which institute is associated with selecting Nobel laureates in Physiology or Medicine?

Answer: Karolinska Institute

4. What body actually selects the Nobel Prize in Physiology or Medicine?

Answer: Nobel Assembly

5. For how long are Nobel Prize nomination records kept secret?

Answer: 50 years

6. The very first Nobel Prizes were awarded in which year?

Answer: 1901

7. At most how many laureates can share the Nobel Prize in Physics in a single year?

Answer: 3 laureates

8. What is the exact speed of light in vacuum?

Answer: 299,792,458 meters per second

9. State the exact SI value of Planck's constant.?

Answer:  $6.62607015 \times 10^{-34}$  joule-second

10. What exact value is assigned to Avogadro's constant?

Answer:  $6.02214076 \times 10^{23}$  per mole

11. What exact value does the SI system assign to the elementary charge?

Answer:  $1.602176634 \times 10^{-19}$  coulomb

12. At what temperature does the triple point of water occur?

Answer: 273.16 kelvin

13. The pH scale is logarithmic with what base?

Answer: base 10

14. In which year was the Richter scale introduced?

Answer: 1935

#### FUNNY SCIENCE TRIVIA

1. What is the delightfully dramatic term for a group of flamingos?

Answer: flamboyance

2. Which animal is famous for producing roughly cube-shaped droppings?

Answer: wombat

3. Bananas are slightly radioactive mainly because they contain what isotope?

Answer: potassium-40

4. Which sweet pantry item does not need refrigeration to remain edible?

Answer: honey

5. Whose fingerprints are surprisingly similar to human fingerprints?

Answer: koalas

6. Which floating animals hold hands so they do not drift apart?

Answer: sea otters

7. Which punchy sea creature can strike with bullet-like speed?

Answer: mantis shrimp

8. Who can out-hold-breath a dolphin: sloths or squirrels?

Answer: sloths

9. Some turtles can breathe through which body opening during brumation?

Answer: cloaca

10. Which amphibian can regenerate entire limbs?

Answer: axolotl

11. Pineapple contains what protein-breaking enzyme?

Answer: bromelain

12. Which farm animals have best friends and show stress when separated?

Answer: cows

13. In seahorses, which sex carries developing young in a brood pouch?

Answer: male seahorses

#### FUN SCIENCE TRIVIA

1. Who co-wrote and hosted the 1980 TV series Cosmos?

Answer: Carl Sagan

2. Mission control check: which agency operates the Curiosity rover?

Answer: NASA

3. Which astronomer discovered Jupiter's four largest moons in 1610?

Answer: Galileo Galilei

4. How many recognized planets are in the Solar System?

Answer: 8

5. Which planet is best known for its standout ring system?

Answer: Saturn

6. What famous comet swings back into the inner Solar System about every 76 years?

Answer: Halley's Comet

7. On the periodic table, Au stands for which element?

Answer: gold

8. Which world is nicknamed the Red Planet?

Answer: Mars

9. Since what year has the International Space Station been continuously inhabited?

Answer: 2000

10. Who became the first person to walk on the Moon in 1969?

Answer: Neil Armstrong

11. Our Solar System lives inside which galaxy?

Answer: Milky Way

12. A light-year is a unit of what?

Answer: distance

13. At standard atmospheric pressure, water boils at what temperature in Celsius?

Answer: 100 degrees Celsius

#### SCIENCE FAMILY TRIVIA

1. Charles Darwin published On the Origin of Species in what year?

Answer: 1859

2. Henri Becquerel discovered radioactivity in which year?

Answer: 1896

3. Who developed the first successful smallpox vaccine in 1796?

Answer: Edward Jenner

4. Which scientist introduced the first inactivated polio vaccine in 1955?

Answer: Jonas Salk

5. Whose pea plant experiments laid the groundwork for modern genetics?

Answer: Gregor Mendel

6. The process called pasteurization was developed by whom?

Answer: Louis Pasteur

7. Who placed the Sun at the center of his system?

Answer: Nicolaus Copernicus

8. After looking at cork, who coined the term cell?

Answer: Robert Hooke

9. Who proposed continental drift in 1912?

Answer: Alfred Wegener

10. Evidence for seafloor spreading gained major attention in what period?

Answer: early 1960s

11. New oceanic crust forms at what kind of plate boundary?

Answer: divergent plate boundaries

12. Which plate setting involves plates sliding past one another?

Answer: Transform faults

#### EASY SCIENCE TRIVIA

1. What book did Galileo Galilei publish in 1610?

Answer: Sidereus Nuncius

2. Name Newton's 1687 masterpiece on motion and gravitation.?

Answer: Philosophiae Naturalis Principia Mathematica

3. Who created the periodic table in 1869?

Answer: Dmitri Mendeleev

4. In what year did Albert Einstein publish his special relativity paper?

Answer: 1905

5. Alexander Fleming discovered penicillin in which year?

Answer: 1928

6. The DNA double helix was announced in what year?

Answer: 1953

7. Sputnik 1 went into orbit in which year?

Answer: 1957

8. NASA's Curiosity rover landed on Mars in what year?

Answer: 2012

9. Most everyday weather happens in which layer of Earth's atmosphere?

Answer: troposphere

10. True or false: S waves can pass through liquids.?

Answer: False

11. Which part of Earth is liquid: the mantle, inner core, outer core, or crust?

Answer: outer core

12. The San Andreas Fault runs through which U.S. state?

Answer: California

13. The Galapagos Islands belong to which country?

Answer: Ecuador

Source: <https://triviagong.com/themes/science-trivia>