

Scientific Trivia Facts

Science · Answer Key · 25 Questions

1. Which chemical element has the highest thermal conductivity of any known substance?

- A) Silver
- B) Diamond**
- C) Copper
- D) Gold

2. What is the term for the process by which plants convert light energy into chemical energy?

- A) Respiration
- B) Transpiration
- C) Photosynthesis**
- D) Fermentation

3. Which planet in our solar system has the most extensive ring system?

- A) Jupiter
- B) Saturn**
- C) Uranus
- D) Neptune

4. What is the most abundant gas in Earth's atmosphere?

- A) Oxygen
- B) Carbon Dioxide
- C) Argon
- D) Nitrogen**

5. Which subatomic particle carries a negative electric charge?

- A) Proton
- B) Neutron
- C) Electron**
- D) Positron

6. What is the hardest natural material on the Mohs scale of mineral hardness?

- A) Quartz
- B) Topaz
- C) Corundum
- D) Diamond**

7. Which organ in the human body is responsible for detoxifying chemicals and metabolizing drugs?

A) Liver

B) Kidney

C) Pancreas

D) Spleen

8. What is the primary gas that makes up the atmosphere of Mars?

A) Oxygen

B) Nitrogen

C) Carbon Dioxide

D) Methane

9. Which unit of measurement is defined as the force required to accelerate a mass of one kilogram at a rate of one meter per second squared?

A) Joule

B) Watt

C) Newton

D) Pascal

10. What type of rock is formed from the cooling and solidification of molten magma or lava?

A) Sedimentary

B) Metamorphic

C) Igneous

D) Conglomerate

11. Which vitamin is synthesized by the human body upon exposure to sunlight?

A) Vitamin A

B) Vitamin C

C) Vitamin D

D) Vitamin K

12. What is the study of fungi called?

A) Botany

B) Mycology

C) Zoology

D) Entomology

13. Which part of the cell is known as the powerhouse because it generates most of the cell's supply of adenosine triphosphate (ATP)?

- A) Nucleus
- B) Ribosome
- C) Mitochondrion**
- D) Lysosome

14. What is the boiling point of water at sea level on the Celsius scale?

- A) 50°C
- B) 80°C
- C) 90°C
- D) 100°C**

15. Which planet is known as the 'Red Planet'?

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

16. What is the chemical symbol for the element Gold?

- A) Gd
- B) Au**
- C) Ag
- D) Fe

17. Which scale is used to measure the intensity of earthquakes?

- A) Beaufort scale
- B) Richter scale**
- C) Saffir-Simpson scale
- D) Fujita scale

18. What is the process by which a gas changes into a liquid?

- A) Evaporation
- B) Sublimation
- C) Condensation**
- D) Deposition

19. Which galaxy is the closest large spiral galaxy to the Milky Way?

- A) Triangulum
- B) Andromeda**
- C) Whirlpool
- D) Sombrero

20. What is the name of the phenomenon where light bends when passing from one medium to another?

- A) Reflection
- B) Diffraction
- C) Refraction**
- D) Polarization

21. Which blood type is known as the universal donor?

- A) A+
- B) B+
- C) AB-
- D) O-**

22. What is the largest species of shark currently in existence?

- A) Great White Shark
- B) Whale Shark**
- C) Tiger Shark
- D) Hammerhead Shark

23. Which gas do plants primarily absorb from the atmosphere for photosynthesis?

- A) Oxygen
- B) Nitrogen
- C) Carbon Dioxide**
- D) Hydrogen

24. What is the speed of light in a vacuum, approximately?

- A) 300,000 km/s**
- B) 150,000 km/s
- C) 450,000 km/s
- D) 600,000 km/s

25. Which group of vertebrates are characterized by having feathers?

- A) Mammals
- B) Reptiles
- C) Amphibians
- D) Birds**