

40 Science quiz questions and answers

Science and Nature · Medium

1. How many bones are there in an adult human body?

- A) 186
- B) 206
- C) 226
- D) 246

2. Which planet is closest to the Sun?

- A) Venus
- B) Mercury
- C) Earth
- D) Mars

3. Which blood cells carry oxygen around the body?

- A) White blood cells
- B) Platelets
- C) Red blood cells
- D) Plasma cells

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

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

5. How many chambers does the human heart have?

- A) Two
- B) Three
- C) Four
- D) Five

6. Which force keeps the planets in orbit around the Sun?

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

7. Which scientist proposed the theory of general relativity?

- A) Isaac Newton
- B) Niels Bohr
- C) Albert Einstein
- D) Galileo Galilei

8. What is the chemical formula for water?

- A) CO₂
- B) H₂O
- C) NaCl
- D) O₂

9. Which organ in the human body produces insulin?

- A) Liver
- B) Kidney
- C) Pancreas
- D) Spleen

10. What is the largest planet in the solar system?

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

11. What type of animal is a Komodo dragon?

- A) Snake
- B) Lizard
- C) Crocodile
- D) Amphibian

12. What does DNA stand for?

- A) Deoxyribonucleic acid
- B) Dinucleic acid
- C) Deoxyribose nitrate
- D) Double nucleic acid

13. Which part of a plant carries out most photosynthesis?

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

14. What is the speed of light in a vacuum, to the nearest hundred thousand?

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

15. Which element has the atomic number 1?

- A) Helium
- B) Oxygen
- C) Carbon
- D) Hydrogen

16. What is the study of fossils called?

- A) Archaeology
- B) Geology
- C) Palaeontology
- D) Anthropology

17. What is the chemical symbol for sodium?

- A) So
- B) Sd
- C) Na
- D) Nm

18. What is the largest organ of the human body?

- A) Liver
- B) Skin
- C) Brain
- D) Lungs

19. Which planet is famous for its prominent ring system?

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

20. What is the central part of an atom called?

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

21. Which vitamin does the skin make when exposed to sunlight?

- A) Vitamin A
- B) Vitamin C
- C) Vitamin D

D) Vitamin K

22. What is the SI unit of force?

- A) Joule
- B) Watt
- C) Newton
- D) Pascal

23. Who discovered penicillin in 1928?

- A) Louis Pasteur
- B) Alexander Fleming
- C) Joseph Lister
- D) Edward Jenner

24. How many teeth does an adult human normally have, including wisdom teeth?

- A) 28
- B) 30
- C) 32
- D) 36

25. What is the chemical symbol for iron?

- A) Ir
- B) Fe
- C) In
- D) I

26. Which gas makes up about 21% of Earth's atmosphere?

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

27. What is a scientist who studies earthquakes called?

- A) Volcanologist
- B) Seismologist
- C) Meteorologist
- D) Hydrologist

28. What is the smallest bone in the human body?

- A) Stapes
- B) Femur
- C) Coccyx
- D) Patella

29. What are animals that eat only plants called?

- A) Carnivores
- B) Herbivores
- C) Omnivores
- D) Insectivores

30. Which scientist set out the three laws of motion?

- A) Galileo Galilei
- B) Isaac Newton
- C) Johannes Kepler
- D) Nicolaus Copernicus

31. Roughly how long does sunlight take to reach Earth?

- A) About 8 seconds
- B) About 8 minutes
- C) About 8 hours
- D) About a day

32. What is the pH of pure water at 25°C?

- A) 5

- B) 7
- C) 9
- D) 14

33. Which metal is liquid at room temperature?

- A) Lead
- B) Mercury
- C) Tin
- D) Aluminium

34. What is a substance that speeds up a chemical reaction without being used up called?

- A) Catalyst
- B) Solvent
- C) Isotope
- D) Polymer

35. Which part of a cell is known as its powerhouse?

- A) Ribosome
- B) Mitochondrion
- C) Chloroplast
- D) Cell wall

36. What is a group of stars forming a recognised pattern in the sky called?

- A) Galaxy
- B) Nebula
- C) Constellation
- D) Supernova

37. What is the closest star to Earth?

- A) Proxima Centauri
- B) The Sun
- C) Sirius
- D) Polaris

38. What is absolute zero in degrees Celsius, to the nearest degree?

- A) -100
- B) -212
- C) -273
- D) -459

39. In which country was Dolly the sheep, the first mammal cloned from an adult cell, created?

- A) England
- B) Scotland
- C) United States
- D) Sweden

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

- A) AB positive
- B) O negative
- C) A negative
- D) B positive

Answers

1. 206
2. Mercury
3. Red blood cells
4. Nitrogen
5. Four
6. Gravity
7. Albert Einstein
8. H₂O
9. Pancreas
10. Jupiter
11. Lizard
12. Deoxyribonucleic acid
13. Leaf
14. 300,000 km/s
15. Hydrogen
16. Palaeontology
17. Na
18. Skin
19. Saturn
20. Nucleus
21. Vitamin D
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