

Question 1: What is the chemical symbol for water?

- A. H₂
- B. H₂O
- C. O₂
- D. HO₂

Answer: B

Question 2: Which planet is known as the Red Planet?

- A. Earth
- B. Venus
- C. Mars
- D. Jupiter

Answer: C

Question 3: What is the largest organ in the human body?

- A. Heart
- B. Liver
- C. Brain
- D. Skin

Answer: D

Question 4: What gas do plants absorb from the atmosphere?

- A. Oxygen
- B. Nitrogen
- C. Carbon dioxide
- D. Hydrogen

Answer: C

Question 5: Which element has the atomic number 1?

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

Answer: C

Question 6: What is the speed of light?

- A. 3.0×10^8 m/s
- B. 3.0×10^6 m/s
- C. 5.0×10^8 m/s
- D. 5.0×10^6 m/s

Answer: A

Question 7: Which planet has the most moons?

- A. Earth
- B. Jupiter
- C. Mars
- D. Venus

Answer: B

Question 8: What is the main gas in the Earth's atmosphere?

- A. Oxygen
- B. Carbon dioxide
- C. Nitrogen
- D. Hydrogen

Answer: C

Question 9: Who developed the theory of general relativity?

- A. Isaac Newton
- B. Albert Einstein
- C. Nikola Tesla
- D. Galileo Galilei

Answer: B

Question 10: What part of the cell contains the genetic material?

- A. Cytoplasm
- B. Nucleus
- C. Ribosome
- D. Golgi apparatus

Answer: B

Question 11: Which planet is the hottest in our solar system?

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

Answer: B

Question 12: What is the most abundant element in the universe?

- A. Oxygen
- B. Carbon
- C. Helium

D. Hydrogen

Answer: D

Question 13: What type of animal is a dolphin?

A. Fish

B. Mammal

C. Amphibian

D. Reptile

Answer: B

Question 14: Which vitamin is produced when a person is exposed to sunlight?

A. Vitamin A

B. Vitamin B

C. Vitamin C

D. Vitamin D

Answer: D

Question 15: What is the powerhouse of the cell?

A. Ribosome

B. Nucleus

C. Mitochondria

D. Endoplasmic reticulum

Answer: C

Question 16: What is the boiling point of water at sea level?

A. 0°C

B. 50°C

C. 100°C

D. 150°C

Answer: C

Question 17: Which planet is closest to the sun?

A. Earth

B. Mercury

C. Mars

D. Venus

Answer: B

Question 18: Which type of blood cells fight infection?

A. Red

B. White

C. Platelets

D. Plasma

Answer: B

Question 19: What is the main component of the Sun?

A. Oxygen

B. Nitrogen

C. Hydrogen

D. Carbon

Answer: C

Question 20: Who is known as the father of physics?

A. Galileo

- B. Newton
- C. Einstein
- D. Bohr

Answer: B

Question 21: What is the smallest particle of an element?

- A. Atom
- B. Molecule
- C. Proton
- D. Neutron

Answer: A

Question 22: What type of galaxy is the Milky Way?

- A. Elliptical
- B. Spiral
- C. Irregular
- D. Lenticular

Answer: B

Question 23: What causes tides?

- A. Wind
- B. Moon
- C. Sun
- D. Volcanoes

Answer: B

Question 24: Which planet has a ring system?

- A. Mars
- B. Jupiter
- C. Saturn
- D. Venus

Answer: C

Question 25: What is the common name for sodium chloride?

- A. Sugar
- B. Baking soda
- C. Salt
- D. Flour

Answer: C

Question 26: What is the pH of pure water?

- A. 5
- B. 7
- C. 9
- D. 11

Answer: B

Question 27: Who invented the light bulb?

- A. Edison
- B. Tesla
- C. Franklin
- D. Newton

Answer: A

Question 28: What is the freezing point of water?

- A. -10°C
- B. 0°C
- C. 10°C
- D. 100°C

Answer: B

Question 29: What is the heaviest naturally occurring element?

- A. Lead
- B. Uranium
- C. Gold
- D. Silver

Answer: B

Question 30: What is the primary function of red blood cells?

- A. Clotting
- B. Transport oxygen
- C. Fight infection
- D. Store fat

Answer: B

Question 31: Which planet has the Great Red Spot?

- A. Earth
- B. Mars
- C. Jupiter
- D. Saturn

Answer: C

Question 32: What is photosynthesis?

- A. Plant reproduction
- B. Water absorption
- C. Food production in plants
- D. Decay process

Answer: C

Question 33: Which is the strongest force in nature?

- A. Gravitational
- B. Electromagnetic
- C. Nuclear strong
- D. Nuclear weak

Answer: C

Question 34: Who is known as the father of evolution?

- A. Einstein
- B. Newton
- C. Darwin
- D. Galileo

Answer: C

Question 35: What is Earth's primary source of energy?

- A. Fossil fuels
- B. Sun
- C. Moon
- D. Wind

Answer: B

Question 36: What is the SI unit of temperature?

- A. Kelvin
- B. Celsius
- C. Fahrenheit
- D. Joule

Answer: A

Question 37: What is the smallest unit of life?

- A. Organ
- B. Cell
- C. Molecule
- D. Atom

Answer: B

Question 38: Which gas is essential for respiration?

- A. Carbon dioxide
- B. Oxygen
- C. Nitrogen
- D. Hydrogen

Answer: B

Question 39: What do plants release during photosynthesis?

- A. Carbon dioxide
- B. Oxygen
- C. Nitrogen

D. Hydrogen

Answer: B

Question 40: Which planet is known as the Earth's twin?

A. Mars

B. Venus

C. Jupiter

D. Saturn

Answer: B

Question 41: What type of rock is granite?

A. Igneous

B. Sedimentary

C. Metamorphic

D. Limestone

Answer: A

Question 42: Who proposed the laws of motion?

A. Galileo

B. Einstein

C. Newton

D. Hawking

Answer: C

Question 43: What do bees collect from flowers?

A. Water

B. Nectar

C. Pollen

D. Sugar

Answer: B

Question 44: What is the charge of an electron?

A. Positive

B. Negative

C. Neutral

D. None

Answer: B

Question 45: Which is the closest galaxy to the Milky Way?

A. Andromeda

B. Whirlpool

C. Pinwheel

D. Sombrero

Answer: A

Question 46: What is the main gas in natural gas?

A. Oxygen

B. Methane

C. Propane

D. Butane

Answer: B

Question 47: Which planet has the shortest day?

A. Earth

- B. Mars
- C. Jupiter
- D. Venus

Answer: C

Question 48: What is the hardest natural substance?

- A. Diamond
- B. Gold
- C. Iron
- D. Silver

Answer: A

Question 49: What type of scientist studies rocks?

- A. Astronomer
- B. Biologist
- C. Chemist
- D. Geologist

Answer: D

Question 50: What is the study of fungi called?

- A. Zoology
- B. Botany
- C. Mycology
- D. Entomology

Answer: C