

Kerala PSC Science Questions

1. What is the SI unit of force?

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

Answer: B) Newton

2. Which instrument is used to measure electric current?

- A) Voltmeter
- B) Ammeter
- C) Barometer
- D) Hygrometer

Answer: B) Ammeter

3. Which type of mirror is used as a rear-view mirror in vehicles?

- A) Plane mirror
- B) Convex mirror
- C) Concave mirror
- D) Cylindrical mirror

Answer: B) Convex mirror

4. Which form of energy is stored in a stretched rubber band?

- A) Kinetic energy
- B) Potential energy
- C) Heat energy
- D) Sound energy

Answer: B) Potential energy

5. Sound cannot travel through:

- A) Air
- B) Water
- C) Steel
- D) Vacuum

Answer: D) Vacuum

6. Which gas is known as the "King of Chemicals"?

- A) Oxygen
- B) Sulphuric acid
- C) Nitrogen
- D) Hydrogen

Answer: B) Sulphuric acid

7. The pH value of a neutral solution is:

- A) 1
- B) 5
- C) 7
- D) 10

Answer: C) 7

8. Which metal is liquid at room temperature?

- A) Iron
- B) Mercury
- C) Copper
- D) Aluminium

Answer: B) Mercury

9. Which element is represented by the symbol 'Na'?

- A) Nitrogen
- B) Sodium
- C) Neon
- D) Nickel

Answer: B) Sodium

10. Which gas is released during photosynthesis?

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

Answer: C) Oxygen

11. The basic unit of life is:

- A) Tissue
- B) Cell
- C) Organ
- D) Organism

Answer: B) Cell

12. Which blood group is called the universal donor?

- A) A
- B) B
- C) AB
- D) O Negative

Answer: D) O Negative

13. Which vitamin is produced in the skin by sunlight?

- A) Vitamin A
- B) Vitamin B12

- C) Vitamin C
- D) Vitamin D

Answer: D) Vitamin D

14. Which organ pumps blood throughout the body?

- A) Brain
- B) Liver
- C) Heart
- D) Kidney

Answer: C) Heart

15. The genetic material in living organisms is:

- A) RNA
- B) DNA
- C) Protein
- D) Fat

Answer: B) DNA

16. Who invented the telephone?

- A) Thomas Edison
- B) Alexander Graham Bell
- C) Isaac Newton
- D) Galileo Galilei

Answer: B) Alexander Graham Bell

17. Who discovered gravity?

- A) Albert Einstein
- B) Isaac Newton
- C) Marie Curie
- D) Michael Faraday

Answer: B) Isaac Newton

18. Which scientist developed the theory of relativity?

- A) Albert Einstein
- B) Charles Darwin
- C) Louis Pasteur
- D) James Watt

Answer: A) Albert Einstein

19. Which invention is associated with James Watt?

- A) Steam engine
- B) Telephone
- C) Radio
- D) Computer

Answer: A) Steam engine

20. Which household appliance converts electrical energy into heat energy?

- A) Fan
- B) Electric iron
- C) Television
- D) Refrigerator

Answer: B) Electric iron

21. Which gas is mainly used in LPG?

- A) Oxygen
- B) Hydrogen
- C) Butane
- D) Nitrogen

Answer: C) Butane

22. Which energy source is renewable?

- A) Coal
- B) Petroleum
- C) Solar energy
- D) Natural gas

Answer: C) Solar energy

23. Which layer of the atmosphere contains the ozone layer?

- A) Troposphere
- B) Stratosphere
- C) Mesosphere
- D) Thermosphere

Answer: B) Stratosphere

24. Which gas contributes the most to global warming?

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

Answer: C) Carbon dioxide

25. Which of the following is a biodegradable waste?

- A) Plastic bottle
- B) Glass
- C) Vegetable peel
- D) Aluminium can

Answer: C) Vegetable peel

26. Biodiversity refers to:

- A) Air pollution
- B) Variety of living organisms
- C) Weather changes
- D) Water cycle

Answer: B) Variety of living organisms

27. Which is the largest planet in the Solar System?

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

Answer: C) Jupiter

28. Which vitamin helps in blood clotting?

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

Answer: D) Vitamin K

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

- A) Magnetic force
- B) Frictional force
- C) Gravitational force
- D) Electrostatic force

Answer: C) Gravitational force

30. Which of the following is an example of a chemical change?

- A) Melting ice
- B) Boiling water
- C) Rusting of iron
- D) Breaking glass

Answer: C) Rusting of iron

31. Which vitamin is essential for healthy eyesight?

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

Answer: A) Vitamin A

32. Which part of the plant prepares food?

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

Answer: C) Leaf

33. Which blood cells help fight infections?

- A) Red Blood Cells (RBCs)
- B) White Blood Cells (WBCs)
- C) Platelets
- D) Plasma

Answer: B) White Blood Cells (WBCs)

34. Which organ filters blood and produces urine?

- A) Heart
- B) Kidney
- C) Liver
- D) Lungs

Answer: B) Kidney

35. Which disease is caused by the deficiency of Vitamin C?

- A) Rickets
- B) Scurvy
- C) Night Blindness
- D) Beriberi

Answer: B) Scurvy

36. Which gas is most abundant in the Earth's atmosphere?

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

Answer: C) Nitrogen

37. Which metal is the best conductor of electricity?

- A) Iron
- B) Silver
- C) Aluminium
- D) Copper

Answer: B) Silver

38. Which acid is present in lemon?

- A) Acetic acid
- B) Sulphuric acid
- C) Citric acid
- D) Hydrochloric acid

Answer: C) Citric acid

39. Which gas is used to fill electric bulbs?

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

Answer: C) Argon

40. Which is the smallest unit of an element?

- A) Molecule
- B) Atom
- C) Cell
- D) Electron

Answer: B) Atom

41. The SI unit of power is:

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

Answer: C) Watt

42. Which color of light has the longest wavelength?

- A) Violet
- B) Blue
- C) Green
- D) Red

Answer: D) Red

43. Which phenomenon explains the blue color of the sky?

- A) Reflection
- B) Refraction
- C) Scattering of light
- D) Diffraction

Answer: C) Scattering of light

44. Which device converts electrical energy into mechanical energy?

- A) Generator
- B) Electric motor
- C) Battery
- D) Transformer

Answer: B) Electric motor

45. The magnetic needle of a compass always points towards:

- A) East-West
- B) North-South
- C) Upward
- D) Downward

Answer: B) North-South

46. Who discovered penicillin?

- A) Louis Pasteur
- B) Alexander Fleming
- C) Edward Jenner
- D) Robert Koch

Answer: B) Alexander Fleming

47. Who is known as the "Father of Evolution"?

- A) Gregor Mendel
- B) Charles Darwin
- C) Louis Pasteur
- D) Carl Linnaeus

Answer: B) Charles Darwin

48. Which is the cleanest fossil fuel?

- A) Coal
- B) Petrol
- C) Natural gas
- D) Diesel

Answer: C) Natural gas

49. Which of the following is a non-renewable source of energy?

- A) Wind energy
- B) Solar energy
- C) Hydroelectric energy
- D) Coal

Answer: D) Coal

50. Which international day is observed as World Environment Day?

- A) April 22
- B) June 5
- C) July 11
- D) October 16

Answer: B) June 5