

Markhor Junior Contest ®

Elementary Level (Class V & VI) Science 2022

There are 25 questions, and each question carries two marks.

1. **What is the first step in the scientific method?**
 - A) Experiment
 - B) Hypothesis
 - C) Question**
 - D) Conclusion

2. **What is the main purpose of a table in science?**
 - A) To show artistic drawings
 - B) To organize data neatly**
 - C) To write stories
 - D) To confuse readers

3. **What is pollution?**
 - A) Planting trees
 - B) Making the air, water, or soil dirty**
 - C) Protecting animals
 - D) Cleaning rivers

4. **What does recycling mean?**
 - A) Throwing waste into rivers
 - B) Using old materials to make new products**
 - C) Cutting down trees
 - D) Burning trash

5. **What is the basic unit of life?**
 - A) Atom
 - B) Cell**
 - C) Organ
 - D) Tissue

6. **What is the main purpose of mitosis?**
 - A) To produce energy
 - B) To make new identical cells for growth and repair**
 - C) To produce food
 - D) To control the cell

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7. **What is a food chain?**
A) A group of animals living together
B) A sequence showing how energy passes from one organism to another
C) A type of habitat
D) A kind of plant
8. **What is adaptation?**
A) A way animals and plants change to survive in their environment
B) A type of food
C) A kind of habitat
D) A new species of plant
9. **What is biomimicry?**
A) Copying nature to solve human problems
B) Hunting animals for food
C) Growing plants in a garden
D) Studying stars
10. **Which system breaks down food into nutrients?**
A) Circulatory system
B) Digestive system
C) Nervous system
D) Respiratory system
11. **Which two systems work closely to supply oxygen to the body?**
A) Digestive and nervous
B) Circulatory and respiratory
C) Excretory and digestive
D) Nervous and muscular
12. **What is a mixture?**
A) A substance made of only one type of particle
B) A combination of two or more substances where each keeps its properties
C) A solid that melts easily
D) A chemical reaction

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13. What is the main purpose of separation techniques?

- A) To mix substances
- B) To separate components of a mixture**
- C) To create new compounds
- D) To dissolve solids

14. What does concentration of a solution mean?

- A) The amount of solvent only
- B) The amount of solute dissolved in a given amount of solvent**
- C) The color of the solution
- D) The temperature of the solution

15. What is an element?

- A) A substance made of only one type of atom**
- B) A combination of two or more substances
- C) A mixture of liquids
- D) A solution

16. Which of these is an acid?

- A) Lemon juice**
- B) Soap
- C) Baking soda
- D) Water



17. What is friction?

- A) A force that slows down or stops motion between two surfaces**
- B) A force that pushes objects upward
- C) A type of energy
- D) A kind of motion

18. What is work in physics?

- A) Moving an object without force
- B) Force applied to move an object over a distance**
- C) Energy stored in food
- D) The weight of an object

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19. What is a simple machine?

- A) **A device that makes work easier by changing force or direction**
- B) A machine powered only by electricity
- C) A type of energy
- D) A chemical tool

20. What is an electric circuit?

- A) **A path through which electric current flows**
- B) A type of battery
- C) A device to store energy
- D) A magnet

21. What is static electricity?

- A) Electricity that flows in a circuit continuously
- B) **Electricity that stays in one place and builds up on a surface**
- C) Electricity produced by a battery
- D) Electricity that powers a bulb

22. What is a magnet?

- A) **A material that attracts metals like iron, nickel, and cobalt**
- B) A type of battery
- C) A source of electricity
- D) A type of wire

23. What is reflection of light?

- A) Bending of light when it passes from one medium to another
- B) **Light bouncing off a surface**
- C) Light splitting into colors
- D) Absorption of light

24. White light is made up of:

- A) Only red color
- B) **All colors of the rainbow**
- C) Only blue and green
- D) Only yellow

25. Why do we wear seatbelts in a moving car?

- A) To look stylish
- B) **To prevent injury during sudden stops or accidents**
- C) To follow the law only
- D) To make driving faster