

Markhor Junior Contest ®

Elementary Level (Class V & VI) Science 2020

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

1. Which step involves testing your hypothesis?
A) Question
B) Conclusion
C) Experiment
D) Observation
2. A graph that uses rectangles to compare different quantities is called a:
A) Line graph
B) Bar graph
C) Pie chart
D) Scatter plot
3. Cutting down large areas of trees is called:
A) Conservation
B) Deforestation
C) Pollution
D) Reforestation
4. Protecting different species of plants and animals is called:
A) Recycling
B) Conservation
C) Biodiversity protection
D) Pollution
5. Which organelle produces energy for the cell?
A) Nucleus
B) Ribosome
C) Mitochondria
D) Cell wall
6. Which stage of mitosis involves the chromosomes lining up in the center of the cell?
A) Prophase
B) Metaphase
C) Anaphase
D) Telophase
7. Animals that eat only plants are called:
A) Herbivores
B) Carnivores
C) Omnivores
D) Decomposers

Markhor Junior Contest ®

8. **Airplanes are designed with wings inspired by:**
A) Fish fins
B) Bird wings
C) Tree leaves
D) Insect legs
9. **Which organ is part of the circulatory system?**
A) Stomach
B) Heart
C) Lungs
D) Kidneys
10. **The heart pumps blood carrying oxygen to:**
A) Only the brain
B) All parts of the body
C) Only the lungs
D) Only the stomach
11. **Salt dissolved in water is an example of:**
A) Mixture
B) Solution
C) Compound
D) Element
12. **Sand mixed with water can be separated by:**
A) Chromatography
B) Filtration
C) Evaporation
D) Melting
13. **A solution with very little solute is called:**
A) Dilute solution
B) Concentrated solution
C) Saturated solution
D) Supersaturated solution
14. **What is a mixture?**
A) Two or more substances physically combined
B) Two elements combined chemically
C) A type of element
D) A single atom

Markhor Junior Contest ®

15. Acids usually taste:

- A) Bitter
- B) Sweet
- C) Sour**
- D) Salty

16. Gravity is a force that:

- A) Pushes objects away from Earth
- B) Pulls objects toward the center of the Earth**
- C) Moves objects in a circle
- D) Slows down motion

17. Which formula is used to calculate work?

- A) $W = F \times d$**
- B) $W = m \times a$
- C) $W = P \times t$
- D) $W = m \times g$

18. The fixed point of a lever is called:

- A) Fulcrum**
- B) Gear
- C) Pulley
- D) Wedge

19. A material that allows electricity to flow through it easily is called:

- A) Insulator
- B) Conductor**
- C) Resistor
- D) Capacitor

20. Rubbing a balloon on your hair produces:

- A) Current electricity
- B) Static electricity**
- C) Magnetic energy
- D) Kinetic energy

21. What is a magnetic field?

- A) The area around a magnet where its force can be felt**
- B) A type of magnet
- C) A battery-powered field
- D) A wire carrying current

Markhor Junior Contest ®

22. Rough surfaces produce:

- A) Regular reflection
- B) Diffused reflection**
- C) Refraction
- D) Total darkness

23. When white light passes through a prism, the colors produced are called:

- A) Spectrum**
- B) Reflection
- C) Shadow
- D) Refraction

24. Which of these is a scavenger in the ecosystem?

- A) Grass
- B) Vulture**
- C) Lion
- D) Frog

25. Why does a moving bicycle stop if you don't pedal?

- A) Because of friction and air resistance**
- B) Because of gravity only
- C) Because the wheels are heavy
- D) Because of sunlight