

Markhor Junior Contest ®

Elementary Level (Class V & VI) Science 2023

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

1. **What type of cloud brings thunderstorms?**
 - a) Cumulus
 - b) Stratus
 - c) Cirrus
 - d) **Cumulonimbus**

2. **Which animal has webbed feet?**
 - a) **Duck**
 - b) Fish
 - c) Snake
 - d) Elephant

3. **What is the scientific term for the remains of ancient plants and animals?**
 - a) **Fossil**
 - b) Rock
 - c) Mineral
 - d) Soil

4. **Which part of the plant helps in support?**
 - a) Roots
 - b) **Stem**
 - c) Leaves
 - d) Flowers

5. **What is the scientific term for the movement of the Earth's plates?**
 - a) Continental drift
 - b) **Plate tectonics**
 - c) Earthquake
 - d) Volcano

6. **Which type of energy comes from the Earth's heat?**
 - a) Solar
 - b) Wind
 - c) Hydro
 - d) **Geothermal**

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7. What is the scientific term for the study of the Earth's oceans?
 - a) **Oceanography**
 - b) Meteorology
 - c) Geology
 - d) Astronomy
8. Which animal has the longest lifespan?
 - a) Human
 - b) Elephant
 - c) **Tortoise**
 - d) Whale
9. What is the scientific term for the process of water moving through a plant?
 - a) Respiration
 - b) Photosynthesis
 - c) **Transpiration**
 - d) Osmosis
10. What is the scientific term for the study of the Earth's physical structure?
 - a) **Geology**
 - b) Meteorology
 - c) Oceanography
 - d) Astronomy
11. Which type of rock is formed from molten lava?
 - a) **Igneous**
 - b) Sedimentary
 - c) Metamorphic
 - d) Fossil
12. What is the process called when plants release oxygen?
 - a) Respiration
 - b) **Photosynthesis**
 - c) Transpiration
 - d) Evaporation
13. Which animal has a four-chambered heart?
 - a) Fish
 - b) Amphibian
 - c) Reptile
 - d) **Mammal**

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14. What type of energy comes from the sun's rays?
- a) **Solar**
 - b) Wind
 - c) Hydro
 - d) Geothermal
15. Which part of the human body helps in filtering blood?
- a) Heart
 - b) Brain
 - c) Liver
 - d) **Kidneys**
16. Which type of cloud brings light rain?
- a) Cumulus
 - b) **Stratus**
 - c) Cirrus
 - d) Nimbus
17. Which animal has webbed feet and lays eggs?
- a) Duck
 - b) Fish
 - c) Snake
 - d) **Platypus**
18. What is the process called when the Earth's axis tilts?
- a) Rotation
 - b) Revolution
 - c) Eclipse
 - d) **Seasons**
19. What type of rock is formed from compressed sediments?
- a) Igneous
 - b) **Sedimentary**
 - c) Metamorphic
 - d) Fossil
20. Which part of the human body helps in regulating body temperature?
- a) Heart
 - b) Brain
 - c) **Skin**
 - d) Liver

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21. What is the scientific term for the study of the weather?

- a) **Meteorology**
- b) Geology
- c) Oceanography
- d) Astronomy

22. What is the process called when plants respond to light?

- a) Photosynthesis
- b) Respiration
- c) Transpiration
- d) **Phototropism**

23. What is the process called when the Earth's magnetic field reverses?

- a) **Geomagnetic reversal**
- b) Earthquake
- c) Volcano
- d) Plate tectonics

24. Which type of energy transformation occurs when a flashlight converts chemical energy from batteries into light and heat energy?

- a) Mechanical to electrical
- b) Electrical to mechanical
- c) **Chemical to electrical**
- d) Thermal to electrical

25. What type of natural disaster occurs when a large body of water, such as an ocean or lake, moves rapidly and causes damage to coastal areas?

- a) Hurricane
- b) Tornado
- c) **Tsunami**
- d) Earthquake