

Markhor Junior Contest ®

Learner Level (Class III & IV) Science 2021

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

1. Which of these is a producer in an ecosystem?

- A) Lion
- B) **Grass**
- C) Rabbit
- D) Snake



2. Which part of the plant makes food?

- A) Roots
- B) Stem
- C) **Leaves**
- D) Flowers



3. What is the process by which a seed starts to grow?

- A) Pollination
- B) **Germination**
- C) Photosynthesis
- D) Fertilization

4. Which animal has a long neck to reach high leaves?

- A) Lion
- B) **Giraffe**
- C) Elephant
- D) Rabbit



5. What is a niche of an animal?

- A) **The role of an animal or plant in its habitat**
- B) A type of forest
- C) A kind of desert
- D) None of the above

6. What does a food web show?

- A) Only plants
- B) **All the different food chains in an ecosystem connected together**
- C) Only animals
- D) Only producers

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7. Which of these is a solid?

- A) Water
- B) **Ice**
- C) Oxygen
- D) Steam

8. Which of these is a soft material?

- A) Iron
- B) **Rubber**
- C) Glass
- D) Steel

9. What is a solution?

- A) **A mixture where one substance dissolves in another**
- B) A mixture that cannot be separated
- C) A solid material
- D) Only water and sand mixed together

10. What is an irreversible change?

- A) A change that can be reversed
- B) **A change that cannot be undone**
- C) A change that melts ice
- D) A change that freezes water

11. How long does it take for the Earth to complete one rotation?

- A) **24 hours**
- B) 1 week
- C) 365 days
- D) 12 hours

12. Which of these is a state of water?

- A) Solid
- B) Liquid
- C) Gas
- D) **All of the above**

13. Which type of rock is formed from cooled lava or magma?

- A) Sedimentary
- B) **Igneous**
- C) Metamorphic
- D) Fossil

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14. Which type of soil feels sticky when wet?

- A) Sandy soil
- B) **Clay soil**
- C) Loamy soil
- D) Gravel

15. Which of these is a renewable resource?

- A) Coal
- B) Oil
- C) **Sunlight**
- D) Natural gas

16. Which of these is part of the weather?

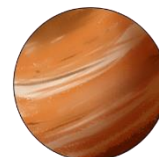
- A) Rain
- B) Temperature
- C) Wind
- D) **All of the above**

17. What causes an earthquake?

- A) Heavy rain
- B) **Sudden movement of tectonic plates**
- C) Strong wind
- D) Flooding

18. Which is the largest planet in the solar system?

- A) Earth
- B) **Jupiter**
- C) Mars
- D) Venus



19. Who discovered gravity?

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

20. What is a constellation?

- A) A single star
- B) **A group of stars that form a pattern in the sky**
- C) A planet orbiting the Sun
- D) A cloud formation

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21. What are muscles used for?

- A) To give the body color
- B) **To help the body move and stay strong**
- C) To store water
- D) To protect the skin

22. What is the heart?

- A) **A muscle that pumps blood throughout the body**
- B) A bone in the chest
- C) A type of lung
- D) A part of the brain

23. Which organs are the main parts of the respiratory system?

- A) Heart and blood vessels
- B) **Lungs and airways**
- C) Stomach and intestines
- D) Bones and muscles

24. Why is exercise important?

- A) **To help the body stay strong and fit**
- B) To make us sleep less
- C) To watch TV better
- D) To eat more sweets

25. What is friction?

- A) The force that makes objects float
- B) **The force that slows down or stops moving objects when surfaces rub together**
- C) The force that pulls objects toward the Earth
- D) A type of energy