

Markhor Junior Contest ®

Learner Level (Class III & IV) Science 2008

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

1. **Why are producers important in a food chain?**

- A) They eat all animals
- B) They make food for themselves and provide energy for consumers**
- C) They hunt other animals
- D) They clean the water

2. **Why is sunlight important for plants?**

- A) It helps plants grow roots only
- B) It provides energy to make food**
- C) It makes flowers bloom instantly
- D) It helps animals eat plants



3. **What do we call a seedling that has just started to grow?**

- A) Flower
- B) Sapling
- C) Germinated seed**
- D) Fruit



4. **What is the main reason for adaptations in animals?**

- A) To survive in their environment**
- B) To sleep longer
- C) To look pretty
- D) To live in water only

5. **Why do oceans, deserts, and forests have different animals?**

- A) Because the weather and food are different in each habitat**
- B) Because animals like to travel
- C) Because they all eat the same food
- D) Because animals like to change color

6. **Which of these best shows the difference between a food chain and a food web?**

- A) Food chain: one path, Food web: many paths**
- B) Food chain: many paths, Food web: one path
- C) Both show rocks
- D) Both are the same

7. **Which of the following is an example of matter changing state?**

- A) Ice turning into water**
- B) Rock staying solid
- C) Air moving in a balloon
- D) Sand on the ground

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8. Why is copper used for electric wires?

- A) Because it is soft
- B) Because it is magnetic
- C) Because it is a good conductor of electricity**
- D) Because it is an insulator



9. Why do sugar and salt dissolve in water but sand does not?

- A) Because sugar and salt are soluble in water, sand is not**
- B) Because sand is soft
- C) Because water is a solid
- D) Because sugar and salt are hard

10. What is the main reason we experience seasons differently in the Northern and Southern Hemispheres?

- A) Because of clouds
- B) Because of Earth's tilted axis while revolving around the Sun**
- C) Because of the Moon
- D) Because of day and night

11. Why do plants need water?

- A) To make food through photosynthesis
- B) To stay alive
- C) To transport nutrients
- D) All of the above**



12. Which statement is true?

- A) All changes are irreversible
- B) Some changes can be reversed, others cannot**
- C) Burning and melting are always the same
- D) Melting wood is irreversible

13. Which statement is true about the rock cycle?

- A) Rocks never change once they form
- B) Rocks are constantly changing between igneous, sedimentary, and metamorphic forms**
- C) Only igneous rocks can change
- D) Only metamorphic rocks can change

14. Why is soil important for life?

- A) Plants grow in it
- B) Animals get food from plants
- C) Provides nutrients for crops
- D) All of the above**

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15. Why are renewable resources important?

- A) They can be replaced naturally and used for a long time
- B) They are rare and cannot be used
- C) They always run out quickly
- D) They are never useful

16. Why is weather forecasting important?

- A) To plan activities and stay safe during storms or extreme weather
- B) To make maps
- C) To plant seeds only
- D) To study rocks

17. What is the most important thing during any natural disaster?

- A) Stay safe and follow safety rules
- B) Take photographs
- C) Ignore warnings
- D) Go outside immediately

18. Which of these is NOT a planet?

- A) Mars
- B) Mercury
- C) Pluto
- D) **Moon**

19. What would happen to planets if the Sun's gravity disappeared?

- A) They would float away into space
- B) They would stay in place
- C) They would grow bigger
- D) They would turn into moons



20. Why do stars seem to move across the sky during the night?

- A) The stars move quickly
- B) **Because Earth rotates on its axis**
- C) Because the Moon pushes them
- D) Because of clouds



21. Why is it important to have strong muscles and bones?

- A) **To move easily and stay healthy**
- B) To grow taller only
- C) To store water
- D) To change skin color

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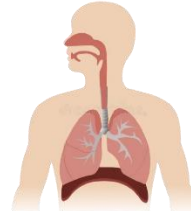
22. Why is the circulatory system important?

- A) It helps us breathe and digest food
- B) It moves blood to all parts of the body**
- C) It makes bones grow
- D) It controls muscles only



23. Why is the respiratory system important?

- A) It pumps blood
- B) It helps the body get oxygen**
- C) It stores energy
- D) It digests food



24. A healthy lifestyle helps...

- A) Keep the body strong**
- B) Make the body weak
- C) Increase sickness
- D) Stop growth

25. Friction, gravity, and buoyancy are all examples of...

- A) Forces**
- B) Colors
- C) Types of energy
- D) Shapes