

Markhor Junior Contest ®

Learner Level (Class III & IV) Science 2013

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

1. **What do decomposers do in an ecosystem?**
 - A) Eat plants and animals
 - B) Break down dead plants and animals**
 - C) Make their own food
 - D) Give energy to animals
2. **What is the role of flowers in a plant?**
 - A) Make food
 - B) Help in reproduction**
 - C) Absorb water
 - D) Carry nutrients
3. **Which of these is needed for pollination to happen?**
 - A) Pollen**
 - B) Water only
 - C) Leaf
 - D) Soil only
4. **Which of these is an adaptation for climbing trees?**
 - A) Long tongue
 - B) Strong claws**
 - C) Sharp teeth
 - D) Fins
5. **What is the main reason animals have different niches?**
 - A) To make their homes beautiful
 - B) To avoid competition and survive**
 - C) To eat the same food
 - D) To run faster
6. **Why are food webs more realistic than food chains?**
 - A) Because they show only plants
 - B) Because they show many animals and multiple feeding relationships**
 - C) Because they are smaller
 - D) Because they have fewer animals

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7. Which of these is true about gases?
- A) They have a fixed shape
 - B) They take the shape of their container and can expand**
 - C) They are always cold
 - D) They cannot move
8. Which property tells us whether a material allows heat or electricity to pass through it?
- A) Hardness
 - B) Conductivity**
 - C) Flexibility
 - D) Magnetism
9. Which of these is a method of separating a mixture?
- A) Filtration
 - B) Evaporation
 - C) Both A and B**
 - D) Photosynthesis
10. What happens during an irreversible change?
- A) The change can be reversed easily
 - B) New substances are formed and the original cannot come back**
 - C) Nothing changes
 - D) The object melts only
11. Why do we have longer days in summer?
- A) Because the Earth spins faster
 - B) Because the Earth's tilt gives longer sunlight**
 - C) Because the Moon covers the Sun
 - D) Because clouds block the Sun
12. What is precipitation?
- A) Water falling from clouds as rain, snow, or hail**
 - B) Water turning into vapor
 - C) Water freezing
 - D) Water in rivers
13. Sedimentary rocks often contain...
- A) Layers and fossils**
 - B) Lava only
 - C) Magma
 - D) Heat

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14. Which soil is soft, crumbly, and easy for roots to grow?

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

15. Which resource is used to generate electricity and is renewable?

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

16. What is a warm front?

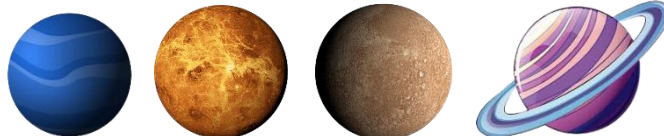
- A) When warm air rises over cold air bringing gentle rain or clouds**
- B) When cold air rises over warm air
- C) When snow falls suddenly
- D) When wind stops

17. Which of these is a warning sign of a hurricane?

- A) Dark clouds and strong winds approaching**
- B) Earth shaking
- C) Sudden rise in water level only
- D) Snowfall

18. Which planet is famous for its blue color due to methane gas?

- A) Neptune**
- B) Venus
- C) Mercury
- D) Saturn



19. Gravity affects...

- A) Only falling objects
- B) Planets, moons, stars, and everything with mass**
- C) Only liquids
- D) Only air

20. The patterns of stars we see change slowly because...

- A) Stars move quickly
- B) Earth rotates and revolves around the Sun**
- C) Clouds block the stars
- D) Stars disappear and reappear

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21. What is the backbone also called?

- A) Skull
- B) Spine**
- C) Ribcage
- D) Pelvis

22. Which vessels carry blood back to the heart?

- A) Arteries
- B) Veins**
- C) Capillaries
- D) Bronchi

23. What is the muscle under the lungs that helps in breathing called?

- A) Heart
- B) Diaphragm**
- C) Stomach
- D) Ribcage



24. Junk food is unhealthy because it...

- A) Provides vitamins only
- B) Is high in sugar, salt, and unhealthy fats**
- C) Makes you stronger
- D) Helps digestion

25. Gravity acts on...

- A) Only heavy objects
- B) Only moving objects
- C) All objects with mass**
- D) Only liquids