

Markhor Junior Contest ®

Learner Level (Class III & IV) Science 2009

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

1. Which of these is an example of a predator?

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



2. Where are seeds found in most plants?

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



3. What is the main purpose of flowers in plant reproduction?

- A) To absorb sunlight
- B) To help in reproduction**
- C) To make roots stronger
- D) To produce water



4. How do animals in cold areas keep warm?

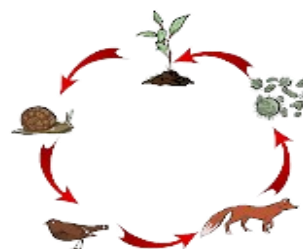
- A) By eating only fruits
- B) By hibernating or having thick fur**
- C) By hiding in water
- D) By running fast

5. What helps animals in forests hide from predators?

- A) Camouflage and thick trees**
- B) Water only
- C) Sand dunes
- D) Bright colors only

6. Why are food chains considered simple?

- A) Because they show only one straight path of energy**
- B) Because they have too many animals
- C) Because they include water
- D) Because they only include rocks



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7. When ice melts, what happens to its volume?

- A) Increases
- B) Decreases
- C) Stays almost the same**
- D) Disappears completely



8. Which property of a material helps us know if it can be scratched or bent easily?

- A) Magnetic property
- B) Hardness**
- C) Conductivity
- D) Transparency

9. Which of these cannot be separated by simple filtration?

- A) Sand and water
- B) Stones and water
- C) Salt and water**
- D) Leaves in water



10. What type of change is boiling water?

- A) Reversible**
- B) Irreversible
- C) Both
- D) None

11. The Earth spins on an imaginary line called

- A) Orbit
- B) Axis**
- C) Equator
- D) Shadow

12. Ice in cold places like the Arctic is in which state?

- A) Gas
- B) Solid**
- C) Liquid
- D) Vapor



13. Rocks can take thousands or millions of years to change in the rock cycle because

- A) The Earth moves very slowly
- B) Heat, pressure, and weathering are slow processes**
- C) Water evaporates
- D) Plants grow on them

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14. Loamy soil contains

- A) Only sand
- B) A mixture of sand, clay, and humus**
- C) Only clay
- D) Only rocks

15. Which of these is a renewable resource used for energy?

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

16. Which type of cloud usually brings heavy rain or storms?

- A) Cumulonimbus**
- B) Cirrus
- C) Stratus
- D) Altocumulus

17. Which natural disaster can be measured using a seismograph?

- A) Hurricane
- B) Flood
- C) Earthquake**
- D) Tsunami



18. What do we call the path that a planet follows around the Sun?

- A) Rotation
- B) Revolution
- C) Orbit**
- D) Axis

19. Gravity also helps in keeping

- A) Oceans and lakes from floating away**
- B) Clouds in the sky only
- C) Planets in the Milky Way moving randomly
- D) Air from forming

20. Which star is part of the Big Dipper?

- A) Polaris
- B) Dubhe**
- C) Sirius
- D) Betelgeuse

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21. Smooth muscles are found in...

- A) Heart
- B) Stomach and intestines**
- C) Arms and legs
- D) Skull

22. Which side of the heart pumps oxygen-rich blood to the body?

- A) Left side**
- B) Right side
- C) Top side
- D) Bottom side

23. Which of these is a correct breathing process?

- A) Air goes from lungs to trachea to mouth
- B) Air goes from trachea to bronchi to alveoli**
- C) Air goes from stomach to lungs
- D) Air goes from blood to diaphragm only

24. Which of these is a healthy snack?

- A) Apple**
- B) Chocolate bar only
- C) Soda
- D) Chips only



25. Buoyancy depends on...

- A) The weight and shape of the object**
- B) The color of the object
- C) The speed of motion
- D) The temperature only