

Markhor Junior Contest ®

Learner Level (Class III & IV) Science 2016

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

1. Which of these is at the start of a food chain?

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



2. What is the main green pigment in leaves called?

- A) Chlorophyll**
- B) Carotene
- C) Xylem
- D) Phloem



3. What part of the flower contains pollen?

- A) Petal
- B) Stamen**
- C) Root
- D) Leaf



4. Which animal has webbed feet to help it swim?

- A) Duck**
- B) Cat
- C) Elephant
- D) Lion



5. How do camels survive in the desert?

- A) By storing water in their humps**
- B) By swimming in water
- C) By eating only grass
- D) By flying

6. Which of these is an herbivore in a food chain?

- A) Lion
- B) Cow**
- C) Eagle
- D) Snake



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7. Which of these can change shape easily?

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

8. Which of these is magnetic?

- A) Plastic
- B) Wood
- C) Iron**
- D) Glass

9. Which of these is a mixture?

- A) Saltwater
- B) Salad (vegetables mixed)
- C) Sand in water
- D) All of the above**

10. Which of these can be changed back to its original form?

- A) Burned paper
- B) Melted chocolate**
- C) Cooked egg
- D) Rusted iron



11. When are shadows the shortest during the day?

- A) Noon**
- B) Morning
- C) Evening
- D) Midnight

12. Which process changes water from liquid to solid?

- A) Melting
- B) Freezing**
- C) Evaporation
- D) Condensation

13. Which of these is an example of a metamorphic rock?

- A) Marble**
- B) Granite
- C) Limestone
- D) Basalt



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14. Loamy soil is a mixture of...
- A) Sand and rocks only
 - B) Clay, sand, and organic matter**
 - C) Water and air
 - D) Clay and rocks only
15. Which of these is a non-renewable resource?
- A) Wind
 - B) Sunlight
 - C) Oil**
 - D) Water
16. Which instrument measures rainfall?
- A) Thermometer
 - B) Rain gauge**
 - C) Barometer
 - D) Compass
17. What should you do during a hurricane?
- A) Stay inside and away from windows**
 - B) Go outside to watch
 - C) Stand near trees
 - D) Swim in rivers
18. What is a moon?
- A) A small star
 - B) A natural object that orbits a planet**
 - C) A type of planet
 - D) A comet
19. Why do astronauts float in space?
- A) There is no gravity in space
 - B) Gravity is weaker because they are far from Earth**
 - C) They are heavy
 - D) They jump continuously
20. Which constellation is famous for its belt of three stars?
- A) Orion**
 - B) Ursa Minor
 - C) Leo
 - D) Cassiopeia



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21. What protects the heart and lungs?

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



22. What helps blood clot when we get a cut?

- A) Red blood cells
- B) Platelets**
- C) White blood cells
- D) Plasma

23. Where does the exchange of oxygen and carbon dioxide occur in the lungs?

- A) Trachea
- B) Alveoli**
- C) Bronchi
- D) Diaphragm



24. How many hours of sleep do children usually need?

- A) 3–4 hours
- B) 9–11 hours**
- C) 6 hours only
- D) 12–15 hours

25. Which object floats in water due to buoyancy?

- A) Stone
- B) Wood**
- C) Metal coin
- D) Iron nail

