

Markhor Junior Contest ®

Learner Level (Class III & IV) Science 2012

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

1. Which of these is a producer?

- A) Rabbit
- B) Grass**
- C) Tiger
- D) Frog



2. Which part of the plant carries food from leaves to other parts?

- A) Xylem
- B) Phloem**
- C) Roots
- D) Stem

3. What happens first in the life cycle of a plant?

- A) Seed germination**
- B) Pollination
- C) Flowering
- D) Fruit formation

4. Why do snakes have scales?

- A) To protect their body and help move easily**
- B) To scare birds
- C) To hold water
- D) To make them colorful only

5. Which of these is adapted to live in the cold ocean?

- A) Polar bear
- B) Dolphin
- C) Penguin**
- D) Camel



6. Which of these is a primary consumer?

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



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7. What is the process of a liquid becoming solid called?
A) Melting
B) Freezing
C) Evaporation
D) Condensation
8. Which of these materials is both hard and magnetic?
A) Wood
B) Iron
C) Cotton
D) Rubber
9. What do we call the part of the solution that dissolves?
A) Solvent
B) Solute
C) Mixture
D) Salt
10. Which of these is reversible?
A) Breaking a glass
B) Melting butter
C) Burning wood
D) Cooking an egg
11. Why do we have shorter days in winter?
A) The Sun moves slower
B) The Earth tilts away from the Sun
C) The Moon blocks the Sun
D) The clouds cover the Sun
12. What is the main source of water for evaporation?
A) Oceans, rivers, and lakes
B) Rocks
C) Soil only
D) Plants only
13. Igneous rocks can be formed...
A) Under the Earth
B) Only from sand
C) Only from heat and pressure
D) Only from fossils

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14. Which type of soil is best for growing most crops?
- A) Sandy soil
 - B) Loamy soil**
 - C) Clay soil
 - D) Rocky soil
15. Which of these is an example of a renewable resource used for food?
- A) Fish and crops**
 - B) Oil
 - C) Coal
 - D) Natural gas
16. Which of these can affect the weather in an area?
- A) Oceans
 - B) Mountains
 - C) Winds
 - D) All of the above**
17. What is a tremor?
- A) A small earthquake**
 - B) Heavy rainfall
 - C) A type of wind
 - D) A flood
18. What is the Sun?
- A) A planet
 - B) A star**
 - C) A moon
 - D) An asteroid
19. Which of these is true about gravity?
- A) It only exists on Earth
 - B) It exists everywhere in the universe**
 - C) It pushes objects away
 - D) It changes colors
20. Which of these is NOT a constellation?
- A) Orion
 - B) Cassiopeia
 - C) Jupiter**
 - D) Leo

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21. How do bones help in movement?

- A) They push muscles
- B) They act as levers**
- C) They store water
- D) They produce energy

22. Which blood vessels are very tiny and connect arteries and veins?

- A) Capillaries**
- B) Arteries
- C) Veins
- D) Heart valves

23. Which of these helps protect the lungs from dust and germs?

- A) Nose hairs and mucus**
- B) Bones
- C) Muscles
- D) Blood

24. Why should we avoid too much sugar?

- A) It strengthens bones
- B) It can cause tooth decay and obesity**
- C) It makes muscles grow
- D) It improves sleep

25. A boat floats on water because of...

- A) Gravity
- B) Friction
- C) Buoyancy**
- D) Air resistance

