

Markhor Junior Contest ®

Learner Level (Class III & IV) Science 2011

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

1. Which of the following shows a correct food chain?
A) Grass → Rabbit → Fox
B) Fox → Rabbit → Grass
C) Rabbit → Fox → Grass
D) Grass → Fox → Rabbit
2. Which part of the plant carries water from roots to leaves?
A) Xylem
B) Phloem
C) Flowers
D) Fruits
3. How does a seed get energy to start germination?
A) From sunlight only
B) From the stored food in the seed
C) From water only
D) From insects
4. Which feature helps a rabbit escape from predators?
A) Strong legs for quick running
B) Sharp claws
C) Thick fur
D) Webbed feet
5. Why do animals in deserts have thick skin or humps?
A) To store water and survive the heat
B) To swim better
C) To run fast in forests
D) To attract insects
6. Which of these gets energy directly from the sun?
A) Fox
B) Grass
C) Rabbit
D) Snake



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7. What is the process of a gas becoming liquid called?
- A) Melting
 - B) Condensation**
 - C) Freezing
 - D) Evaporation
8. Plastic is commonly used as a _____ because it does not conduct electricity.
- A) Conductor
 - B) Insulator**
 - C) Magnet
 - D) Liquid
9. What do we call the part of the solution that does the dissolving?
- A) Solvent**
 - B) Solute
 - C) Mixture
 - D) Sand
10. Why is burning wood irreversible?
- A) Because it turns into ashes and smoke**
 - B) Because it melts
 - C) Because it freezes
 - D) Because it is soft
11. What causes the shadow of an object to change length during the day?
- A) The rotation of the Earth**
 - B) The movement of clouds
 - C) The wind
 - D) The Moon's movement
12. What forms clouds in the sky?
- A) Rain
 - B) Condensation of water vapor**
 - C) Ice
 - D) Snow only
13. What type of rock is limestone before it becomes marble?
- A) Igneous
 - B) Sedimentary**
 - C) Metamorphic
 - D) Magma

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14. Clay soil can be used to make...

- A) Bricks and pots
- B) Sandcastles only
- C) Roads only
- D) Water filters only

15. Which of these takes millions of years to form?

- A) Trees
- B) Coal and oil
- C) Wind
- D) Sunlight

16. Why do meteorologists use satellites?

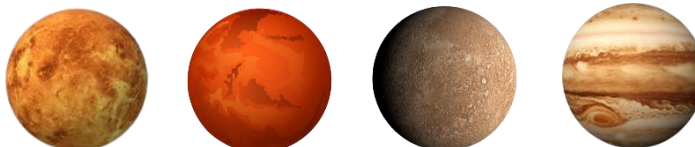
- A) To study animals
- B) To monitor weather patterns from space
- C) To find minerals
- D) To measure soil

17. Which of these is NOT a natural disaster?

- A) Earthquake
- B) Flood
- C) Tornado
- D) Reading a book

18. Which planet is known as the Morning Star or Evening Star?

- A) Venus
- B) Mars
- C) Mercury
- D) Jupiter



19. The Moon stays around Earth because of...

- A) Wind
- B) Gravity
- C) Sunlight
- D) Rain

20. Some constellations are visible only in...

- A) Daytime
- B) Nighttime
- C) Rainy weather
- D) Snowy weather

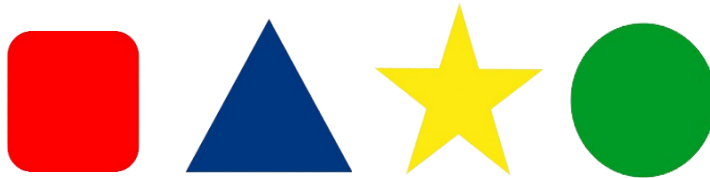
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21. Which type of muscle is voluntary and helps move arms and legs?

- A) Cardiac muscle
- B) Smooth muscle
- C) Skeletal muscle**
- D) Brain muscle

22. Oxygen-rich blood is usually...

- A) Red**
- B) Blue
- C) Yellow
- D) Green



23. Why do humans need oxygen?

- A) To make muscles strong
- B) To produce energy in the cells**
- C) To digest food only
- D) To grow bones

24. Which activity is part of a healthy lifestyle?

- A) Playing outside**
- B) Watching TV all day
- C) Eating candy for every meal
- D) Skipping sleep

25. Friction can cause...

- A) Heat
- B) Movement to stop
- C) Wear and tear on objects
- D) All of the above**