

**Bhavan's Tripura Vidyamandir**2<sup>nd</sup> Periodic Assessment : (2024-2025)**Class:- 6**

Time:- 2 Hours

Name of the student :

**Subject:- Science**

Total :- 50 Marks

Roll:      Section:

**Instruction**

- 1) Question no 1 to 20 carrying 1 mark each
- 2) Question no 21 to 23 carrying 2 marks each
- 3) Question no 24 to 26 carrying 3 marks each
- 4) Question no 27 to 29 carrying 5 marks each

**Choose the correct answer:-****(1X5)**

1. One adaptation of lotus leaf is-
  - a. Leaves with spine
  - b. Waxy coating
  - c. Very thin leaves
  - d. All of these
2. Breaking down of food in the cell to give us energy is called -
  - a. Reproduction
  - b. Respiration
  - c. Adaptation
  - d. Camouflage
3. A pencil dipped in water appears bent due to-
  - a. Reflection
  - b. Refraction
  - c. Both of these
  - d. Scattering light beam.
4. Two ends of an electrochemical cell known as -
  - a. Terminals
  - b. Switch
  - c. Filament
  - d. None of these
5. Which object among them can conduct electricity -
  - a. Graphite
  - b. Wood
  - c. Thermocol
  - d. All of these

**Fill in the blanks of the following questions:-****(1X5)**

6. The bending of light when light beams travel from one medium to another is known as\_\_\_\_\_.
7. Waste is removed by animals by the process of \_\_\_\_\_.
8. The path through which current flows is called,\_\_\_\_\_.
9. Shadow of an object is always seen on an \_\_\_\_\_.
10. Plants growing in desert are called \_\_\_\_\_.

**Answer the following questions in very short****(1X5)**

11. Thick, fleshy and green stems that store water is \_\_\_\_\_
12. The phenomenon of the root system growing towards gravity \_\_\_\_\_
13. The bouncing back of light is called \_\_\_\_\_
14. Object which allows light partially through them is called \_\_\_\_\_
15. A combination of more than one cell to generate more current is called \_\_\_\_\_

**Write true or false for the following statements:-**

**(1X5)**

16. All metals are conductors.
17. A fuse can control the amount of current passing through a circuit.
18. Your shadow in the sun is longest at noon.
19. Camel stores water in its hump.
20. Webbed feet help ducks to Swim.

**Answer the following questions**

**(2X3)**

21. Draw a luminous and non-luminous object and distinguish between them through one point. **(1+1)**
22. Mention 4 main characteristics of living organisms. **(0.5X4)**
- 23.** What is terminal? Why it is necessary for electricity? **(1+1)**

**Answer the following questions**

**(3X3)**

24. Differentiate between shadow and image.
25. Draw a bulb to show all its components for electricity.
26. List the adaptive features of aquatic plants.

**Answer the following questions in broad**

**(5X3)**

27. State the principle of pinhole camera. How does it work?  
Differentiate between reflection & refraction. **(2+1+2)**
28. Mention two adaptations of mountains plant's.  
Sketch the terrestrial habitat animal that belongs to desert to show its all adaptation by labelling. **(2+3)**
29. What precautions should be taken while handling electricity?  
Draw open circuit & close circuit with labelling. **(3+1+1)**