

# BK BIRLA CENTRE FOR EDUCATION

SARALA BIRLA GROUP OF SCHOOLS  
SENIOR SECONDARY|CO-ED DAY CUM BOYS' RESIDENTIAL  
SCHOOL

MID-TERM EXAMINATION 2023-24

SCIENCE



Class : IV  
Date : 20/10/2023  
Admission No.:

Duration : 1 Hr 30 Min  
Max. Marks : **40**  
Roll No.:

## I Answer in one word.

**4x1=4 marks**

1. Pour some water in a bowl and put it in refrigerator. Observe the bowl after about half an hour. What has happened to the water in the bowl? It has turned into \_\_\_\_\_.
2. Remove the bowl from the refrigerator. Leave it for about half an hour in a room. What do you see after some time? The ice has turned into \_\_\_\_\_.
3. Pour the water from the bowl into a pan and ask an elder person to boil it. What do you see? On boiling, water begins to change into \_\_\_\_\_.
4. Ask the elder person to hold a plate over the pan. What happens when the water vapours from the pan touch the plate? The vapours turn into \_\_\_\_\_.

## II Identify and write which of these animals can fly in air, live on land and swim

in water

**3x1=3 marks**

5. Lion \_\_\_\_\_
6. Crow \_\_\_\_\_
7. Fish \_\_\_\_\_

### III Match the following.

5x1=5 marks

- |                |                      |
|----------------|----------------------|
| 8. Fish        | (a) Ag               |
| 9. Camel       | (b) gills            |
| 10. Polar bear | (c) lungs            |
| 11. Silver     | (d) desert           |
| 12. Human      | (e) small round ears |

### IV Unscramble the following.

3x1=3 marks

13. DIOSL \_\_\_\_\_
14. MAERTT \_\_\_\_\_
15. NOITAROPAVE \_\_\_\_\_

### V Answer the following questions.

10x2=20marks

16. If a plant has a leaf with reticulate venation and tap root then what kind of seed it is likely to have?
17. What is leaf blade?
18. If camel has short legs like cat then will it be able to survive in desert?
19. How does fish breathe in water?
20. What is embryo?
21. What is leaf apex?
22. Explain evaporation with the help of a diagram.
23. Draw molecules of solid liquid and gas.
24. Explain digestive system with the help of a diagram.
25. Explain peristalsis with the help of a diagram.

### VI Answer the following questions in detail.

1x5=5marks

26. Explain lifecycle of frog with the help of a diagram.

