



B.K. BIRLA CENTRE FOR EDUCATION
SARALA BIRLA GROUP OF SCHOOLS
SENIOR SECONDARY CO-ED DAY CUM BOYS' RESIDENTIAL SCHOOL



ANNUAL EXAMINATION 2025-26
SCIENCE (SET - 2)

Class: IV
Date: 12/03/26
Admission no:

Time: 2 Hour
Max Marks: 40
Roll no:

ANSWER KEY

- | | |
|----------------------------|---|
| 1. Tail | 1 |
| 2. Webbed feet | 1 |
| 3. Solar energy | 1 |
| 4. Humus | 1 |
| 5. Polluted water | 1 |
| 6. Moon | 1 |
| 7. Monkey and squirrel. | 1 |
| 8. Fish | 1 |
| 9. Sun, coal and petroleum | 1 |
| 10. Friction. | 1 |
| 11. Clayey soil | 1 |
| 12. (e) | 1 |
| 13. (d) | 1 |
| 14. (a) | 1 |
| 15. (b) | 1 |
| 16. (c) | 1 |

17. • **Thick Fur** – It has thick white fur that keeps its body warm and helps it blend in with the snow.

• **Layer of Fat (Blubber)** – A thick layer of fat under its skin keeps it warm in freezing weather and icy water. 1+1

18.



1+1

19.

1. water pollution

2. Noise pollution

1+1

20. • **Evaporation** – When the Sun heats water in rivers, lakes, and oceans, the water changes into water vapour (a gas) and rises up into the air.

• **Cooling** – As the water vapour rises higher, the air becomes cooler.

• **Condensation** – The water vapour cools down and changes into tiny water droplets or ice crystals.

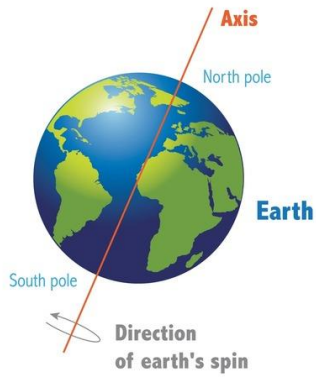
• **Cloud Formation** – These tiny water droplets join together and form clouds in the sky. 1+1

21. A **satellite** is an object that moves around a planet in space.

An example of a natural satellite is the Moon.

1+1

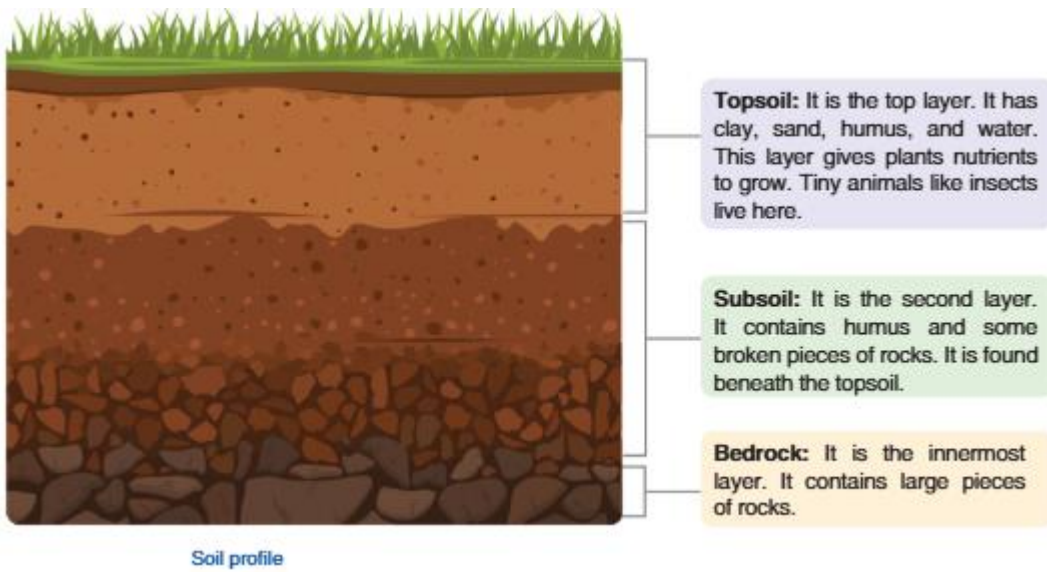
22.



Duration : 24 hours or 1 day

1+1

23. The soil profile refers to these layers of soil.

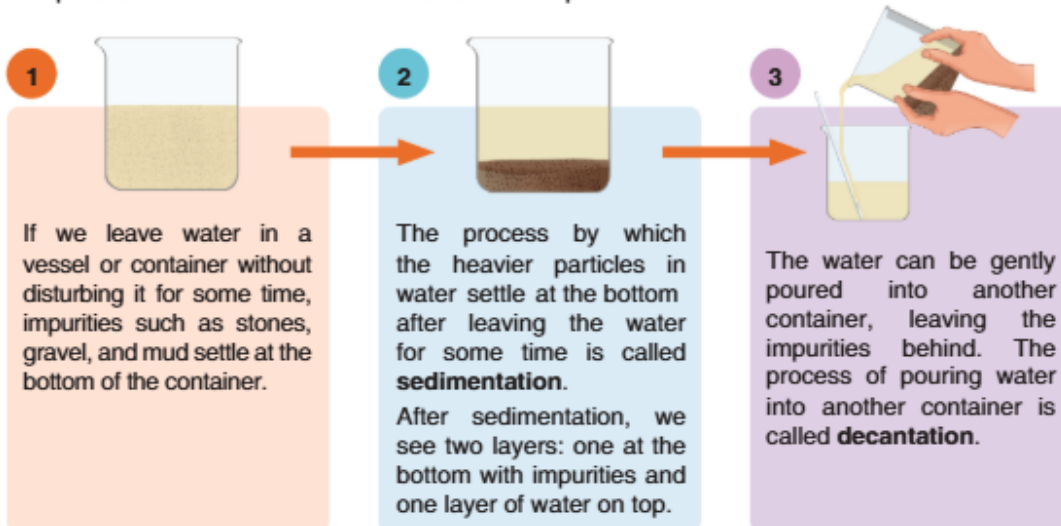


1+1+1

24.

Sedimentation and Decantation

This method is used to remove insoluble impurities, such as stones, gravel, and mud, from water. The process of sedimentation and decantation is explained below.



1+1+1

25.

Water pollution is the contamination of water bodies like rivers, lakes, and oceans by harmful substances, making the water dirty and unsafe for drinking, animals, and plants.

- Sewage **and garbage** – Dirty water and waste from homes are sometimes thrown into water bodies.

- Oil **spills** – Oil from ships spills into seas and harms marine life.

- Agricultural **waste** – Rain washes fertilizers and pesticides from farms into nearby rivers and ponds.

1+1+1

26. What is Land breeze? Draw and label the diagram of Land breeze.

At night, when the land cools down faster than the sea, the air above the land becomes cooler. This causes warm air from the sea to rise, while cool air from the land moves towards the sea, creating what we call a land breeze.



1+1+1

*****ALL THE BEST*****