



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



Annual Exam - 2024-25

SUBJECT: SCIENCE

Class : IV
Date : 19-03-2025

Duration : 2 Hours
Max. Marks : 40

Adm. No.:

Roll No.

I Fill in the blanks.

5x1=5 marks

1. Movement of _____ (air/ water) causes wind.
2. _____ (warm/cold) air rises up.
3. The Earth is _____ (vertical / tilted) at the axis.
4. Land cools _____ (faster / slower) than water.
5. Sea breeze blows during the _____ (day / night)

II Answer in one word.

5x1=5 marks

1. I am the planet that everyone calls “Red”.
But really, my soul is just-colored instead.
look up, and you may spot me in the sky.
I am the orange colour dot, way up high.
Which planet am I?-----
2. With over 63 moons, you might say I have a lot.
Look with the telescope, you see a big, my spot.
The spot is a white storm, swirling around.
High in this night, sky is where I can be found.
Which planet am I?-----.
3. I am blue and green and a little brown.
I am a small planet with half around.
They call me the third rock from the sun.
I don't have many moons - just one.

Which planet am I?————-

4. No matter how hard you look, you will never find me.
Unless you have a telescope to help you see.
I was once called a planet, but ~~no more~~
Now I am just a “Dwarf planet”, but ~~two~~ important to ignore.
Which planet am I?————.

5. Look very close to the sun, and you will spot me.
A tiny cratered planet, that’s very hot.
I have no moons, but ~~bit~~ the sun very fast.
Can you guess my name at last?
Which planet am I?————-

III Answer the following questions in brief.

4x2=8 marks

6. Define force with an example.
7. Explain the term freezing.
8. What is melting?
9. What is sublimation? Give an example.

IV Answer the following questions in detail.

4x3=12 marks

10. Explain life cycle of silk moth with the help of a diagram.
11. Draw molecules of solid, liquid and gas.
12. How many types of pollution are there? Name them.
13. Draw any five simple machines.

V Answer the following questions in detail.

2x5=10 marks

14. Explain sea breeze.
15. Explain air pollution with the help of a diagram.

*****Best of Luck*****