



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 (Marking Scheme)

Class : V
Date : 15-3-2025

Duration : 2 Hours
Max. Marks : 40

Adm. No.:

Roll No.

I Answer in one word.

10x1=10 marks

1. I am a very light and porous rock.-_pumice_
2. I am a dark coloured and most abundant rock._basalt_
3. I am used to make statues and flooring of houses.__granite__
4. I am formed from granite and mainly contains mica._gneiss_
5. I am a chemical substance. I make rock.__minerals__

II Fill in the blanks.

10x1=10 marks

6. Anything that has mass and occupies space is __matter_.
7. Matter exists in three states – soild, liquid and __gas_
8. __Solid__changes into liquid in melting.
9. In evaporation __Liquid__changes into vapour.
- 10.Milk and _water_ are two miscible liquids.

III Answer the following questions in breif.

4x2=8 marks

- 11.What are rocks?
Ans Rocks are solid materials of which the earth is made up of.
- 12.What is big ball of hot burning gasses? Explain.
Ans The Sun is a big ball of hot burning gasses.

It is a star.

It is mostly made up of hydrogen gas which continuously changes into helium gas.
The Sun is mostly 4.6 billion years old.

13. What do you mean by Volcano?

Ans Volcano is an opening in the crust that allows hot molten rocks, ash and gases escape from below the surface.

14. What do you mean by soil erosion? What are the agents of soil erosion.

Ans Soil erosion is the removal of the fertile top layer of the soil by wind, water and animals.

IV Answer the following questions in detail.

4x3=12 marks

15. What can a force do?

Force can make an object move .

Force can stop a moving object

Force can change the shape of an object .

Force can increase the speed of a moving object.

Force is push or pull.

16. What do you mean by chemical change? Explain with the help of an example.

Ans Chemical change is a permanent change.

Example Burning of paper.

We get heat out of it .

We get light out of it.

We get smoke out of it.

We get a new substance ash.

17. Explain tsunami.

Ans Tsunami is a wall of water.

It comes in series of waves.

These waves travel very fast across the ocean and become very tall when they reach the shore.

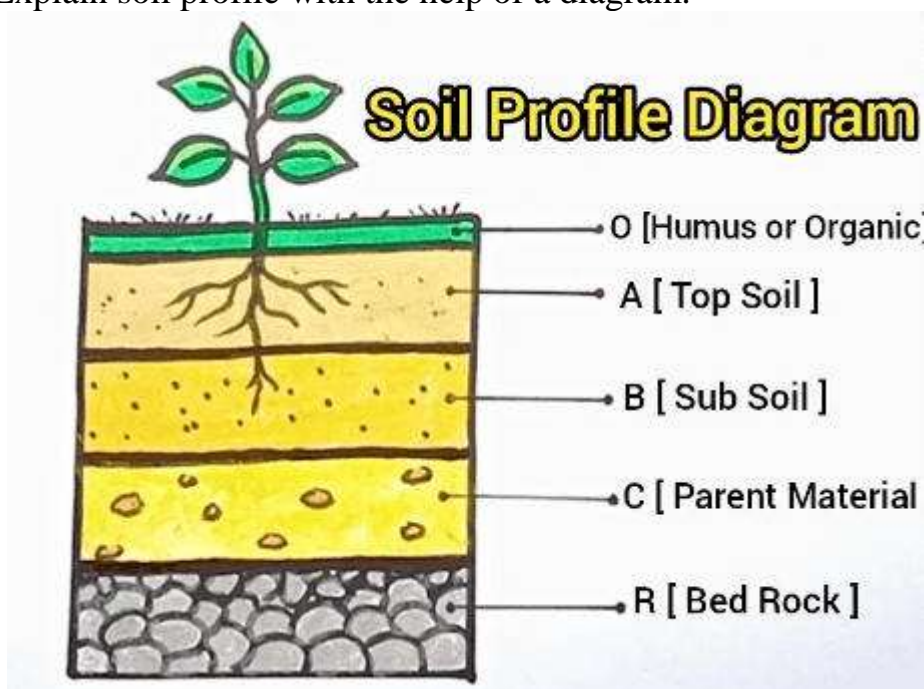
18. Explain air pollution with the help of a diagram.



V Answer the following questions in detail.

2x5=10 marks

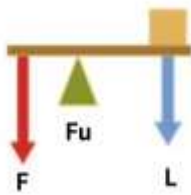
19. Explain soil profile with the help of a diagram.



20. Explain levers with the help of an example.

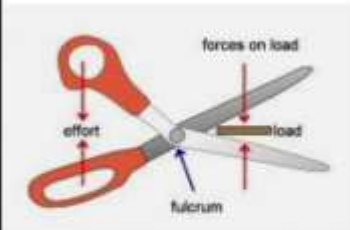
TYPES OF LEVER

FIRST CLASS LEVER

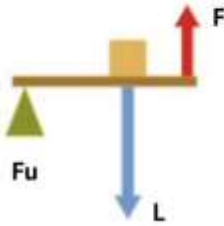


THE FULCRUM IS LOCATED BETWEEN THE FORCE AND THE LOAD

EXAMPLE

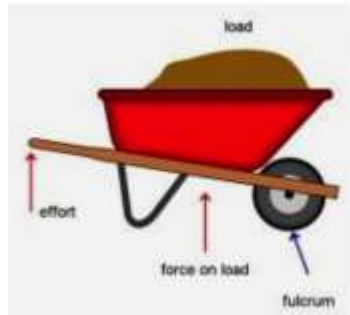


SECOND CLASS LEVER

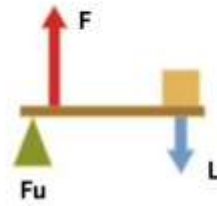


THE LOAD IS LOCATED BETWEEN THE FULCRUM AND THE FORCE

EXAMPLE

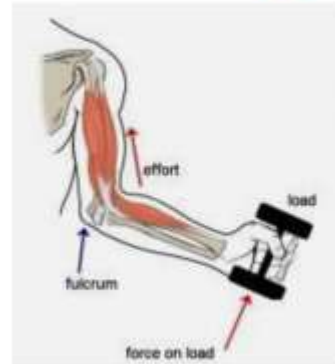


THIRD CLASS LEVER



THE FORCE IS LOCATED BETWEEN THE FULCRUM AND THE LOAD

EXAMPLE



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