



# B.K. 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 : V**  
**Date : 15-3-2025**

**Duration : 3 Hours**  
**Max. Marks : 80**

**Adm. No.:** .....

**Roll No.** .....

## **I Answer in one word.**

**10x1=10 marks**

1. I am a very light and porous rock.- \_\_\_\_\_
2. I am a dark coloured and most abundant rock. \_\_\_\_\_
3. I am used to make statues and flooring of houses. \_\_\_\_\_
4. I am formed from granite and mainly contains mica. \_\_\_\_\_
5. I am a chemical substance. I make rock.
6. Compressed natural gas \_\_\_\_\_
7. Van-mahotsdav is celebrated on \_\_\_\_\_
8. Natural satellite \_\_\_\_\_
9. Global positioning system \_\_\_\_\_
10. What class lever is scissor \_\_\_\_\_

## **II Fill in the blanks.**

**5x1=5 marks**

11. Anything that has mass and occupies space is \_\_\_\_\_.
12. Matter exists in three states – solid, liquid and \_\_\_\_\_
13. \_\_\_\_\_ changes into liquid in melting.
14. In evaporation \_\_\_\_\_ changes into vapour.

15. Milk and \_\_\_\_\_ are two miscible liquids.

**III Choose the correct answer.**

**5x1=5 marks**

16. If we turn on the tube light then electrical energy gets converted to :

- a. Light energy      b. sound energy      c. heat energy

17. If we speak on microphone then electrical energy gets converted to :

- a. Light energy      b. sound energy      c. heat energy

18. If we turn on room heater then electrical energy gets converted to:

- a. Light energy      b. sound energy      c. heat energy

19. If we ring school bell then electrical energy gets converted to:

- a. sound energy      b. light energy      c. heat energy

20. If we switch on music system then electrical energy gets converted to:

- a. Light energy      b. sound energy      c. heat energy

**IV Answer the following questions in brief.**

**8x2=16 marks**

21. What are rocks?

22. What is artificial satellite?

23. What do you mean by Volcano?

24. How can we save our environment?

25. How many types of pollution are there? Name them.

26. What is lava? Explain.

27. What is vent?

28. Mention following changes are physical or chemical change:

- a. Burning of paper.  
b. Melting of ice cream  
c. Cooked vegetable

d. Burning of wood.

**V Answer the following questions in detail.**

**8x3=24 marks**

29. What is big ball of hot burning gasses? Explain.

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

31. What are phases of the Moon? Explain with the help of a diagram.

32. How many types of eclipse are there? Explain.

33. How can we save ourselves during earthquake.

34. Explain formation of soil with the help of a diagram.

35. Explain tsunami with the help of a diagram.

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

**VI Answer the following questions in detail.**

**4x5=20 marks**

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

38. Explain levers with the help of an example.

39. What is force? Mention the effects of the force.

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

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