



B.K. BIRLA CENTRE FOR EDUCATION

SARALA BIRLA GROUP OF SCHOOLS
A CBSE DAY-CUM-BOYS' RESIDENTIAL SCHOOL



PRE MID TERM 2026-27 SCIENCE (SET-2)

Class: VIII
Date: 24/7/26

Time: 1 hours
Max Marks: 25

General Instructions:

- (i) This question paper consists of 13 questions in 3 sections. Section A is Biology, Section B is Chemistry and Section C is Physics.
(ii) All questions are compulsory.

	Marks
<u>Section-A (Biology)</u>	
1 Which of the following bacteria are present in curd? (a) Lactobacilli (b) E. coli (c) Rhizobia (d) Rhinoviruses	1
2 Which microorganism is considered a 'superfood' for its high protein and vitamin content? (a) Spirulina (b) Rhizobium (c) E. coli (d) Amoeba	1
3 Name two organelles in a plant cell and their functions.	2
4 List the levels of biological organisation in the human body, starting from the smallest unit.	2
5 A farmer uses compost to enrich his soil. Name one microorganism involved in this process and explain how it helps in making manure and improving soil fertility.	3
<u>Section-B (Chemistry)</u>	
6 In which state of matter is the force of attraction between particles the strongest? A. Gas B. Liquid C. Solid D. Plasma	1
7 Which of the following is an example of diffusion? A. Melting of ice B. Dissolving of salt in water C. Freezing of water D. Breaking of glass	1
8 Explain why solids are difficult to compress while gases are easily compressible.	3
9 How can you show that particles of matter attract each other? Give a suitable example.	3

Section-C (Physics)

- 10 If two forces of 20 N and 8 N act in opposite directions, the net force is: 1
- A. 28 N
- B. 12 N
- C. 20 N
- D. 8 N
- 11 What is frictional force? Write it's SI unit. 2
- 12 Explain what happens when two or more forces act on an object along the same line and in the same direction. Give an example. 2
- 13 Explain magnetic force with the help of a diagram. Is it contact or non contact force? 3

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