



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-1)

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 Why are nerve cells long and branched? (a) To store food (b) To carry messages quickly (c) To provide support to the body (d) To help in photosynthesis	1
2 Microorganisms that feed on dead and decaying matter belong to which group? (a) Fungi (b) Archaea (c) Protozoa (d) Viruses	1
3 Which microorganism is used to make bread? Explain how it helps in the process.	2
4 Think about the features of bacteria and algae and answer the following questions: (a) Write one way in which they are similar. (b) Write one way in which they are different.	2
5 Describe the role of Lactobacilli in curd formation.	3
<u>Section-B (Chemistry)</u>	
6 Which characteristic of particles of matter is demonstrated when the smell of food reaches you from the kitchen? A. Particles attract each other B. Particles have spaces between them C. Particles are continuously moving D. Particles increase in size	1
7 Why is it difficult to compress a solid? A. Its particles are very far apart B. Its particles have large spaces between them C. Its particles are closely packed with very little space between them D. Its particles do not attract each other	1
8 Explain with an example that particles of matter are continuously moving.	3
9 What does the dissolution of sugar in water prove about the nature of matter? Explain.	3

Section-C (Physics)

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| 10 | If two forces of 10 N and 15 N act in the same direction, the net force is: | 1 |
| | A. 5 N | |
| | B. 10 N | |
| | C. 15 N | |
| | D. 25 N | |
| 11 | What is force? Write it's SI unit. | 2 |
| 12 | Write effects of a force. (any two) | 2 |
| 13 | Explain what happens when two or more forces act on an object along the same line but in opposite directions. Give an example. | 3 |

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