



B.K. BIRLA CENTRE FOR EDUCATION

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



PRE-MIDTERM (2025-26) SCIENCE

Class: VII

Date: 04/08/'25

Admission no:

General Instructions:

- This question paper consists of 12 questions in 3 sections.
- Section A consists of 3 objective-type questions carrying 1 mark each.
- Section B consists of 5 Very Short questions carrying 02 marks each.
- Section C consists of 4 Short Answer questions with 03 marks each.

Time: 1hour
Max Marks: 25
Roll no:

SECTION- A

- Which gas is released during the reaction of lemon juice with baking soda? 1
(a) Oxygen (b) Carbon dioxide (c) Nitrogen (d) Carbon monoxide
- To take a bite of an apple, you would use the _____. 1
(a) Molars (b) Premolars (c) Incisors (d) Canines

A statement of Assertion is given, and a corresponding statement of Reason is given just below it. Of the statements, given below, mark the correct answer as:

- Both assertion and reason are true, and reason is the correct explanation of assertion.
- Both assertion and reason are true, but reason is not the correct explanation of assertion
- Assertion is true, but reason is false.
- Assertion is false, but reason is true.

- Assertion: Speedometer records the speed of the vehicle generally in km/h. 1
Reason: Odometer measures the distance moved by the vehicle in one hour.

SECTION- B

- Differentiate between distance and displacement. 2
- Draw the distance - time graph for uniform motion and non-uniform motion. 2
- State the two necessary conditions for the formation of rust. 2
- Differentiate between physical and chemical changes. 2
- Why does a piece of wheat roti tastes sweeter on chewing for a long time? 2

SECTION-C

9. Define acceleration. Reema is travelling in a bus at a velocity of 30 **m/s**. The bus applies brakes and comes to a stop in 10 s. Calculate the acceleration of the bus. 3
10. (a) Give word equation for the reaction when zinc reacts with sulphuric acid to form hydrogen gas and zinc sulphate.. 3
- (b) Write any four characteristics of chemical reactions.
11. Describe any three modes of ingestion with examples. 3
12. Briefly describe the process of nutrition in Amoeba with the help of simple diagrams. 3

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