



B.K. BIRLA CENTRE FOR EDUCATION

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

PERIODIC TEST-I (2025-26) SCIENCE

Class: VII

Date: 02/07/'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 mode of heat transfer can occur even without a medium? 1
(a) Convection (b) Conduction (b) Radiation (d) Both (a) and (b)
- Which of the following is an example of an olfactory indicator? 1
(a) Red cabbage (b) Phenolphthalein (c) Onion (d) Beetroot
- During photosynthesis _____ is also produced along with glucose. 1
(a) Carbon dioxide (b) starch (c) oxygen (d) light energy

SECTION- B

- Why are the handles of cooking utensils generally made of wood or plastic? 2
- Differentiate between sea breeze and land breeze. 2
- Define mineral acids giving suitable examples. 2
- What is a synthetic indicator? Give one example. 2
- State the differences between autotrophs and heterotrophs. 2

SECTION-C

- What is Radiation? Explain any two applications based on radiation. 3
- Discuss in detail any three applications of neutralisation reactions in daily life. 3
- Explain photosynthesis with a diagram of a plant. 3
- Describe an experiment to prove that sunlight is required for photosynthesis. 3

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