



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: VIII
Date: 04 /07/2025

Duration: 1 Hr
Max. Marks: 25

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 type questions carrying 03 marks each.

Section A

- Which of the following is used to make jewellery? 1
(a) Sodium (b) Magnesium (c) Gold (d) Chlorine
- The SI unit of force is _____. 1
Joule (b) Ampere (c) Newton (d) Watt
- Which of the following is NOT true for fertilisers? 1
(a) Their excessive use disturbs the balance of nutrients in the soil
(b) They are generally used in small quantities
(c) They do not cause pollution
(d) They increase crop yield

Section B

- List two ways to prevent the corrosion of iron objects. 2
- Define displacement reaction with suitable chemical equation. 2
- A person places a weight of 400 N on a mattress. The area of the base of the weight is 0.02 m^2 . Calculate the pressure exerted by the weight on the mattress. 2
- Which of the following statements is correct? Give reasons for your answer. 2
(a) If we increase the force applied on a given area, the pressure exerted by the force will decrease.
(b) If we increase the area on which a force is applied, the pressure exerted by the force will decrease.
- Define crops. Give two examples. 2

Section C

- (a) Write any two physical properties of metals. 3
(b) "We should store lemon pickle in a glass container, not in a copper container. Give reasons to justify this statement.
- Differentiate between contact and non-contact forces. 3
- Describe the impact of not ploughing the soil before cultivation. 3
- Describe the advantages of seed drill over broadcasting. 3