

BHARTIYA SHIKSHA BOARD
Module Paper - Ist Term
SCIENCE - Class 6
Session 2025-26

Time: 1 Hour

Max Marks: 20

Instructions:

- Read the questions carefully.
 - 10 minutes extra time is allowed to read this question paper. During this time, students will read the question paper only and not write the answer.
 - This questions paper contains **4** questions.
 - All questions are mandatory to attempt.
 - Q.no. **1** carry **6** marks.
 - Q.no. **2** and **3** carry **2** marks each.
 - Q.no. **4** carry **10** marks.
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Q1. Multiple Choice Questions:

- (i) Which of the following materials is miscible in water?
(a) Sugar. (b) Kerosene. (c) Oil. (d) Sand.
- (ii) Which part of a plant is mainly responsible for gaseous exchange?
(a) Chlorophyll. (b) Plasma membrane. (c) Stomata. (d) Cell wall.
- (iii) Which of the following is a landform created by river erosion?
(a) Island. (b) Hill. (c) Valley. (d) Plateau.
- (iv) A scientist placed a seed in a glass jar with soil and water. After a week, the seed sprouted. Which characteristic of living things does this demonstrate?
(a) Sensitivity. (b) Growth. (c) Reproduction. (d) Respiration.
- (v) The property of materials responsible for floating and sinking is
(a) lustre. (b) density. (c) conductivity. (d) hardness.
- (vi) The outermost layer of the Earth is
(a) mantle. (b) core. (c) crust. (d) atmosphere.

Q2. Match the following:

Column A

Basic building block
Bending of plant towards light
Rubber gloves
Stratosphere

Column B

Clouds
Insulator
Ozone
Cell
Response to stimuli
Conductor

Q3. Fill in the blanks:

- (i) Lava comes out through an opening in the Earth's surface called a _____ .
- (ii) The process of removing hair from the animal skin by a chemical treatment is called _____ .
- (iii) The rocks in rivers are smooth and rounded because of _____ .
- (iv) _____ is the outermost layer of the animal cell.

Q4. Short answer type questions:

- (i) (a) Name the layer of atmosphere where birds like vultures fly?
(b) How do vultures and eagles survive flying at great heights with less oxygen?
- (ii) (a) Why do we feel vibrations during an earthquake?
(b) If you lived in an earthquake-prone area, what safety steps would you take during a tremor?
- (iii) How are plants and animals similar in their characteristics of life? How are they different?
- (iv) A group of objects includes iron nail, wooden stick, plastic bottle, copper wire, and glass rod. Design a classification chart for these objects based on multiple properties like transparency, conductivity, and solubility. Explain your classification criteria.
- (v) Materials are classified as natural and man-made. Evaluate the environmental impact of using man-made materials like plastic and synthetics. What alternative group of materials would you suggest for daily use and why?