

BUDHA DAL PUBLIC SCHOOL PATIALA
Final Examination (14 March 2024)
CLASS - VI
PAPER- SCIENCE (SET-B)

M.M. 80

Time: 3 hr.

General Instructions:

1. All questions are compulsory.
2. Attempt all questions section wise in the serial order neatly and leave one line after every answer.
3. Draw neat and labelled diagrams wherever required.

Section - I

Answer in one word :

(10×1=10)

1. What happens when Aluminium rod is heated?
2. Give example of the plant in which breathing roots are found.
3. Write the openings present on the leaf surface for the exchange of gases.
4. Give two examples of insulators of electricity.
5. Draw the symbol for electric switch or key.
6. What is the full form of MRI?
7. What is the purest form of natural water?
8. Name the process by which wet clothes are dried by spreading on a wire.
9. What is the percentage of oxygen in air?
10. Name the special type of furnace used for burning hospital waste.

Section - II

(2×10=20)

Answer in brief :

1. Explain how iron rim is fixed around wooden wheel.
2. Define creeper with two examples.
3. Write two benefits of transpiration in plants.
4. Why is copper used for making electric wires and not silver?
5. What are non-magnetic substances? Give two examples.
6. Write two effects of floods.
7. Why tiny drops of water are present on the surface of glass of window in cold winter morning?
8. Why is it advised not to sleep under the trees at night?
9. Write a note on non-biodegradable waste with two examples.
10. How can you say that plastic is a curse (harmful) for us? Write any two points.

Section - III

Write the answer :

(3×10=30)

1. Write three features of chemical changes.
2. Explain any three functions of roots.
3. What is a closed circuit? Draw its diagram.
4. Explain the attractive property of the magnet.
5. Define rainwater harvesting with the names of its two types. Also give one advantage of rainwater harvesting.
6. How do plants and animals maintain balance of oxygen and carbon dioxide in nature?
7. List any three benefits of waste management.
8. Name the methods of disposal of garbage. Explain landfill.
9. a) Which gas is absorbed by the plants during photosynthesis?
b) How is air helpful in maintaining the temperature of earth?
10. Give reasons -
 - a) Why should we never touch electric switch if our hands are wet?
 - b) Why do we remove the plastic coating from the ends of electric wire while using it for connections?

Section - IV

Answer the following questions in detail :

- Q1. Write an activity to show the presence of air in soil. (5)
- Q2. Classify the following substances as magnetic or non - magnetic (5)
coins, copper wire, iron nails, paper clips, shoes, plastic ruler, glass marble, cobalt, aluminium foil, cotton
- Q3. Multiple Choice Questions: (5)
1. Sea/ Ocean water is not used for domestic purpose because it contains
a) soluble salts b) insoluble salts c) dust d) common cold germs
 2. The method of burning hospital wastes at high temperature in a furnace is called -
a) Recycling b) Composting c) Incineration d) Landfill
 3. **Assertion (A)** : Handle of screw driver used by electricians have plastic cover on it.
Reason (R) : Plastic is an insulator and protect electricians from electric shock.
 - a) Both A and R are true and R is the correct explanation of A.
 - b) Both A and R are true but R is not the correct explanation of A.
 - c) A is true but R is false.
 - d) A is false and R is true.

4. Which one of the following change is human made change?

- a) Change of seasons
- b) Weaving of cloth
- c) Ripening of fruits
- d) Flowering in plants

5. **Assertion (A)** : The leaves of peepal have parallel venation.

Reason (R) : The leaves of peepal form a net like pattern on lamina of leaf

- a) Both A and R are true and R is the correct explanation of A.
- b) Both A and R are true but R is not the correct explanation of A.
- c) A is true but R is false.
- d) A is false and R is true.

Q4. Observe the diagram of Leaf and answer the following questions :

- a) Label the parts (a), (b), (c), (d), (e) and (f) (3)
- b) Name the venation shown in the diagram of leaf. (1)
- c) What kind of root will the plant have in this type of venation? (1)

