

BUDHA DAL PUBLIC SCHOOL PATIALA

Final Examination (14 March 2024)

CLASS - VI

PAPER- SCIENCE (SET-A)

Time:3 hr.

M.M. 80

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

(10×1=10)

Answer in one word :

1. What happens when Iron is cooled?
2. Give example of the plant in which root nodules are formed.
3. Write the name of the plant in which stem is modified to perform the function of photosynthesis.
4. Give two examples of conductors of electricity.
5. Draw the symbol for electric cell.
6. If a magnet is broken into two pieces, how many north and south poles are created?
7. What is the term given to the upper level of groundwater?
8. Name a disease which can spread due to flood water.
9. What is the percentage of nitrogen in air?
10. Name the type of earthworms used for composting.

Section - II

(2×10=20)

Answer in brief :

1. Explain why is gap left between the rails in railway tracks.
2. Define climber with two examples.
3. Write two differences between tap root and fibrous roots.
4. Why do electricians wear rubber gloves while working with electricity?
5. What are magnetic substances? Give two examples.
6. Write two effects of droughts.
7. Why are tiny drops of dew present on leaves in cold winter morning?
8. Why should we breathe only through our nose instead of mouth?
9. Write a note on biodegradable waste with two examples.
10. How can you say that plastic is a boon (beneficial) for us? Write any two points.

A-1

Section - III

(3×10=30)

Write the answer :

1. Write three features of physical changes.
2. Explain any three functions of the stem.
3. What is an open circuit? Draw its diagram.
4. Explain the directive property of the magnet.
5. Write any three methods by which water can be conserved.
6. How is air useful to us? Write any three points.
7. What is the role of a junk-dealer? How does he help in waste management?
8. a) Which gas is used in burning of fuels?
b) Write any two properties of oxygen.
9. What are various methods of disposal of garbage? Explain incineration.
10. Give reasons -
 - a) Why does a bulb have two terminals?
 - b) Why should we never join the electric wires with bare hands?

Section - IV

Answer the following questions in detail :

- Q1. Write an activity to show the presence of air in water. (5)
- Q2. Classify the following substances as magnetic or non - magnetic (5)
cotton, glass marble, wooden box, iron nail, copper wire, shoes, plastic box, aluminium foil, coins, paper clips
- Q3. Multiple Choice Questions: (5)
1. Which one of the following disease is caused due to consumption of contaminated water?
a) Malaria b) Jaundice c) Polio d) Common cold
 2. The best way to dispose off plastic is
a) Burning of plastic b) Dumping in pits
c) Throwing in landfills d) Reusing and Recycling
 3. **Assertion (A)** : Ripening of fruit is a chemical change.
Reason (R) : The chemical composition of fruits change and it is irreversible.
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. The outer covering of the electric cell is made up of -
a) Carbon b) Ammonium chloride
c) Manganese dioxide d) Zinc

5. **Assertion (A)** : The leaves of peepal have reticulate venation
Reason (R) : The leaves of peepal have veins that are parallel to each other.
- Both A and R are true and R is the correct explanation of A.
 - Both A and R are true but R is not the correct explanation of A.
 - A is true but R is false.
 - A is false and R is true.

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

- Label the parts (a), (b), (c), (d), (e) and (f) (3)
- Name the parts of flower that develop into (1)
 - Fruit
 - Seeds
- What is pollination? (1)

