

# BUDHA DAL PUBLIC SCHOOL PATIALA

Final Examination (19 March 2024)

CLASS - VI

PAPER- SCIENCE (SET-B)

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 the following in one word :

1. What term is given to the skeleton of an animal present outside its body?
2. How many poles of magnet are formed if it is broken into three pieces?
3. Write the name of the shepherd who discovered the magnet.
4. Name the circuit in which the circuit is complete and the current flows.
5. Where is button cell used?
6. What is the percentage of oxygen in air?
7. Name the gas used by plants to make food during photosynthesis.
8. Name the gas that supports burning.
9. Name the male reproductive part of flower.
10. Which organ is protected by the ribcage in human body?

### Section - II

Answer the following questions in brief :

(2×10=20)

1. How does an earthworm move on the ground?
2. Write few lines about ball and socket joint with one example.
3. What are non-magnetic substances? Give two examples.
4. What is the effect of heating an magnets?
5. Draw symbol for -  
a) Battery      b) Electric bulb
6. Define insulators with two examples.
7. Why is copper used for making of electric wires?
8. Why should we breathe only through nose and not through our mouth?
9. Why is it advised not to sleep under the trees at night?
10. Write a note on fibrous root with one example.



### Section - III

Answer the following :

(3×10=30)

1. How is skeleton important for us? Write any three functions of skeleton.
2. How will you prove that repulsion is the sure test of magnetism?
3. Write any three preventive measures to avoid electric shock.
4. Define attractive property of magnet towards magnetic substances with diagram.
5. Draw diagram of inner view of electric cell.

OR

Describe the structure of electric cell.

6. How will you prove by an activity that air is present in the soil?
7. How is air useful to us? List any three points.
8. What is transpiration? Write its two uses for plants.
9. Explain any three uses of stems.
10. a) What are pneumatophores (breathing roots)?  
b) What is difference between node and internode?

### Section - IV

Answer the following questions in detail :

Q1. Match the following:

(6×1=6)

- |                |                   |
|----------------|-------------------|
| 1) Fixed joint | a) Parachutes     |
| 2) Cobalt      | b) Pollutant      |
| 3) MRI         | c) Magnetic       |
| 4) Smog        | d) Organ image    |
| 5) Graphite    | e) Upper jaw      |
| 6) Moving air  | f) Good conductor |

Q3. Multiple Choice Questions:

(5×1=5)

1. How many terminals does an electric cell have?  
a) Two   b) Three   c) One   d) Four
2. Electromagnets are used in -  
a) drawing   b) utensils   c) writing   d) robots
3. A windmill works with the help of -  
a) Electricity   b) Sunlight   c) Moving air   d) Electric cell
4. The loss of water through the stomata on leaves is called -  
a) Evaporation   b) Transpiration   c) Transportation   d) Breathing
5. Assertion (A) : Tall chimneys are installed in the factories.  
Reason (R) : Tall chimneys emit harmful gases at certain height in the atmosphere.  
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.

B-2



Q3. Case based study questions :

(4×1=4)

A group of students is exploring the properties of different materials. They are examining materials such as silver, wood, copper, cotton & glass.

- Write an example of a material with shiny appearance.
- Give the name of the material which is hard and used for making bench of the class.
- Which of these material is transparent?
- Give the name of the material which is soft to touch.

Q4. Diagram based questions -

(5)

- Label a, b, c, d, e, f, in the diagram of structure of leaf. (6×½=3)
- Why are leaves called the kitchen of the plant? (2)

