



PANCHSHEEL PUBLIC SCHOOL

10+2 Senior Secondary School (Affiliated & Recognized by CBSE)
Jaitpur, Badarpur, New Delhi-44

Mid Term Examination-2023-24(Sample Paper)

Time: **Subject: Science** **Class: VI** **M. Marks: 50**
Name..... **Roll No.....** **Section** **Date:**

Q1. Choose the correct option. (1x5=5)

- Deficiency of water in our body results in:
(a) Anaemia (b) Goitre (c) Dehydration (d) Rickets.
- Which is not soluble in water?
(a) Glycerine (b) Sugar (c) Wax (d) Salt.
- Which of the following is a reversible change?
(a) Dissolving salt in water (b) Lightning of matchstick (c) opening of a flower bud
(d) rusting of iron
- Which of the following is a sure test of magnetism?
(a) Attraction (b) Repulsion (c) Neither attraction nor repulsion (d) Both attraction and repulsion .
- Scandal on pea plant is modified:
(a) Root (b) Stem (c) Leaf (d) Flower

Q2. Fill in the blanks. (1x 4=4)

- Unlike poles of magnets _____ each other.
- _____ is the male part of a flower.
- Materials which _____ on water are less than water.
- _____ is the disease which may be caused by the deficiency of iodine in our diet.

Q3. State True or False. (1x4=4)

- Good is a good conductor of electricity.
- Sugar is a carbohydrate.
- The male gametes are formed in Pollen.
- We can have a monopolar magnet by cutting a magnet in two.

Q4. Define the following terms. (Do any 3) (1x3=3)

- Density
- Magnetic poles
- Pollination
- Solute

Q5. Differentiate between the following. (Do any 2) (2x3=6)

- Miscible and immiscible liquids.
- Creepers and climbers.
- Magnetic and non magnetic materials

Q6. Give reason for the following. (1x3=3)

- Why do we call chlorophyll a miracle substance?
- Why do we need grouping of materials?
- Why is a gap left in between the joints of two running rails on a rail track?

Q7. Very short answer questions. (1x3=3)

1. Name the method used for separating grains from chaff.
2. Which matter is found in all the three states in nature?
3. What happens when a magnet is hit with a hammer?

Q8. Short answer questions. (2x3=6)

1. (a) What type of root a plant bears which has leaves with reticulate venation?
(b) Name the Creepers which were candle but do not Climb a support?
2. How do we make an Opaque white paper translucent?
3. What is the use of a magnetic compass?

Q9. Long answer questions. (Do any 3) (3x3=9)

1. What is the difference between temporary and permanent magnets?
2. Write two functions of each:
(a) Root (b) Leaf (c) Flower.
3. Why do we have a coating of plastic on a metallic wire used as cable in electrical gadgets?
4. Explain the difference between a solution and a suspension.

Q10. HOTS questions. (2x2=4)

1. Why most flower are brightly coloured and wear pleasant smell?
2. You are thirsty and standing near riverside ? How would you obtain Potable water?

Q11. Draw the diagram of structure of leaf and label its parts. (1x3=3)

Or

Draw the well labelled diagram of structure of flower.