

**St. Andrews Scots Sr. Sec. School**  
**9th Avenue, I.P. Extension, Patparganj, Delhi – 110092**  
**Session: 2024 – 2025**  
**(Worksheet-10)**

**Class: VI**

**Subject: Science**

**Chapter: Introduction To Magnetism**

**Q.1. Define:**

- a) Demagnetisation.
- b) Magnetic poles.
- c) Artificial Magnet.

**Q.2. Fill in the blanks:**

- a) Similar poles of two magnets \_\_\_\_\_ one another.
- b) Magnetic poles always \_\_\_\_\_ in pairs.
- c) Hammering destroys the \_\_\_\_\_ of small magnets inside.
- d) A compass needle always points in a direction \_\_\_\_\_
- e) When north-pole of one magnet is brought near the \_\_\_\_\_ of another magnet, they attract one another.

**Q.3. Multiple Choice Questions:**

- a) Which is a natural magnet?
  - (i) Magnetite
  - (ii) Haemetite
  - (iii) Bakelite
- b) Magnets attract
  - (i) wood
  - (ii) plastic
  - (iii) Iron
- c) The magnetic properties of a magnet cannot be destroyed by
  - (i) hammering
  - (ii) heating
  - (iii) boiling
- d) Attraction is seen between the poles of two bar magnets in the case of
  - (i) N-pole of one magnet with N-pole of other
  - (ii) N-pole of one magnet with S-pole of other
  - (iii) S-pole of one magnet with S-pole of other

**Q.4. State whether the following statement is true or false.**

- a) Compass needle is made of a magnet.
- b) There is a maximum attraction in middle of a bar magnet.
- c) Heat can destroy magnetic properties of a magnet.
- d) North and south poles are found to exist separately.
- e) If we cut a bar magnet in two halves we will have two magnets

**Q.5. Very Short Questions Answers:**

- a) In which direction does freely suspended magnet rest?
- b) To which part of the magnet do the most of the iron filings (or pins) stick?
- c) What are non-magnetic substances?
- d) What is lodestone?
- e) Make a list of given substances into two groups – magnetic and non-magnetic.  
Key, Wood, Glass, Alpin, Chalk, Pencil, Nail, Cup of tea, Book, Rubber, Needle, Fork. table