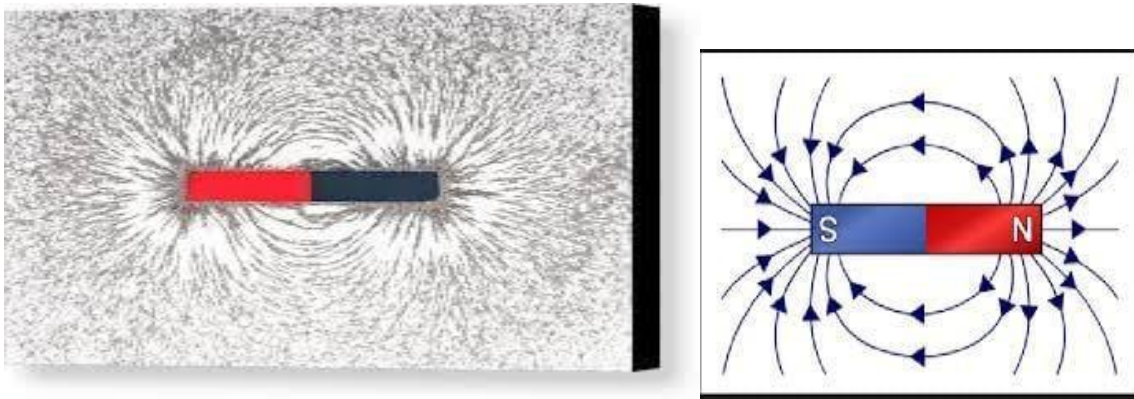


CHAPTER 2. (MAGNETIC EFFECTS OF AN ELECTRIC CURRENT) (BASED ON NCERT PATTERN)

Magnetic field :-

It is studied by drawing imaginary lines called magnetic lines of forces.



Characteristics of Magnetic Field :-

- They always originate from north pole & terminate at the south pole. This shows that if the north pole was free, it would have moved towards the south pole.
- The place where they are closer indicates a strong magnetic field i.e. at the poles.
- Magnetic Field lines give the direction of magnetic force.
- Two magnetic lines will never intersect each other as they give direction of force & force can not have 2 directions at a time.
- Magnetic Field lines are closed continuous curves.