

Chapter - 12

- Q1 What is electromagnetic induction? Who discovered the phenomenon of electromagnetic induction?
- Q2 State Fleming's left hand rule.
- Q3 State properties of magnetic line of force.
- Q4 Write three properties of magnet.
- Q5 State the law, which determines the direction of magnetic field developed around a straight conductor carrying current.
- Q6 What will happen if a rod of soft iron be buried in earth along geographic North-South direction?
- Q7 Difference between Alternating current & Direct current.

Q8 Difference between Generator & Motor.

Q9 Discuss electric motor under following heads:

(a) Labelled diagram

(b) Principle

(c) Working

Q10 Discuss electric generator under following head:

(a) Labelled diagram

(b) Principle

(c) Working

Q11 Connect a coil of insulated copper wire with a galvanometer. What will happen if a bar magnet:

(a) be pushed into the coil

(b) be held stationary inside the coil

(c) be pulled outside from inside the coil