

MAGNETIC MATERIALS

1. Name some applications of Ferrites. (2) {JUN 15 [GNE]}
2. Write a short note on magnetostriction and magnetic anisotropy. (4) {JUN 15 [GNE]}
3. Define magnetic susceptibility and give its unit. (2) {DEC 14 [GNE]}
4. What are ferrites? How these are different from ferromagnetic materials? Write some applications of ferrites. (4) {DEC 14 [GNE]}
5. What do you mean by magnetic anisotropy? (2) {JUN 14 [GNE]}
6. Discuss briefly the concept of hysteresis and classify magnetic materials based on B-H curve. (4) {Dec 2012 [GNE]}
7. Compare any five properties of dia, para and ferromagnetic substances.
8. What do you mean by domains and spontaneous magnetization in context with ferromagnetic substances?