

Magnetism and Electromagnetism Quiz Questions with Answers Pdf

1. The left hand rule correlates to

- a. current, induced e.m.f. and direction of force on a conductor
- b. magnetic field, electric field and direction of force on a conductor
- c. self induction, mutual induction and direction of force on a conductor
- d. current, magnetic field and direction of force on a conductor

Ans: D

2. The force between two long parallel conductors is inversely proportional to

- a. radius of conductors
- b. current in one conductor
- c. product of current in two conductors
- d. distance between the conductors

Ans: D

3. The main constituent of permalloy is

- a. cobalt
- b. chromium
- c. nickel
- d. tungsten

Ans: C

4. The use of permanent magnets is not made in

- a. magnetos
- b. energy meters

- c. transformers
- d. loud speakers

Ams: C

5. Paramagnetic materials have relative permeability

- a. slightly less than unity
- b. equal to unity
- c. slightly more than unity
- d. equal to that ferromagnetic materials

Ans: C

6. Degaussing is the process of

- a. removal of magnetic impurities
- b. removing gases from the materials
- c. remagnetising metallic parts
- d. demagnetizing metallic parts

Ans: D

7. Substances which have permeability less than the permeability of free space are known as

- a. ferromagnetic
- b. paramagnetic
- c. diamagnetic
- d. bipolar

Ans: C

8. In the left hand rule, forefinger always represents

- a. voltage
- b. current
- c. magnetic field
- d. direction of force on the conductor

Ans: C

9. Which of the following is a ferromagnetic material?

- a. tungsten
- b. aluminium
- c. copper
- d. nickel

Ans: D

10. Ferrites are a sub group of

- a. non magnetic materials
- b. ferro-magnetic materials
- c. paramagnetic materials
- d. ferri-magnetic materials

Ans: D