



MAGNET BRAINS EDUCATION - (DPQ)

Physics (Class 10th)

Chapter 1: Magnetic Effect of Electric Current

Topic Name: Magnet

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General Instruction:

- They are a **completely free** set of questions that will help you develop a solid base for your exams.
- It will develop your conceptual base & prepare you for future competitive exams.
- You can also ask the questions to the respective teacher on their live stream with the #DailyPractice

1. What is a magnet?

- a. A substance that attracts wooden object
- b. A substance that produces magnetic field
- c. A substance that attracts iron and iron objects
- d. Both b and c



2. Where was the first magnet discovered?

- a. In America
- b. In Japan
- c. In Egypt
- d. In Greece

3. First natural magnet is called

- a. Hematite
- b. Magnetite
- c. Pyrolusite
- d. Both a and c

4. Who defined earth as a magnet?

- a. Hans Christan Oersted
- b. James Van Allen
- c. Faraday
- d. William Gilbert

5. What is the magnetic field?

- a. Range of magnet upto which it can extend force of attraction and repulsion.
- b. Range of magnet upto which force of attraction of magnet is maximum.
- c. Range of magnet upto which force of repulsion of magnet is minimum.
- d. Both b and c



6. Which of the following properties of magnetic field lines is/are correct?
- They formed a closed loop
 - The originate from south pole outside magnet
 - They terminate at the south pole inside magnets
 - They are crowded at the poles
7. Why magnetic field lines ever intersect
- Because at the point of their intersection the magnetic field has two directions.
 - Because they arise in a way that they do not meet each other.
 - A barrier stops them from intersecting
 - Both a and c
8. When does magnetic needle get deflected
- When magnetic near an iron rod
 - When placed near a current carrying conductor
 - When placed with another magnet
 - Both b and c
9. What happens to the deflection of magnetic needle (placed near the current carrying conductor) on increasing the amount of current
- Deflection increases
 - Deflection decreases
 - Deflection remains the same
 - None of these



10. What happens to the deflection in magnetic needle when the direction of electric current is reversed

- a. Its direction get reversed**
- b. No change in direction**
- c. Slight change in direction that cannot be noticed**
- d. None of these**

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