Physics (New Book) - 9th Class Physics English Medium Chapter 8 Preparation

Q1. Which type of magnetic field is formed by a current carrying long coil.

Ans 1: Electromagnet is formed by a current carrying long coil

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Q2. Define magnetic field

Ans 1: The region or space around a magnet where it exerts a force on other magnetic poles is called magnetic field.

Q3. How does hammering damaguetize a magnet.

Ans 1: If we beat a magnet, the domains lose thair aligement and the magnet is demagnetized.

Q4. What are temporary and permanent magnets.

Ans 1: Magnetic materails which do not retain their magnetization after remvoeal of extenal magnetic field or applied current are called temporary magnets.

Q5. Define Shields.

Ans 1: Materials used for magnetic shielding are called shields.

Q6. Name three uses of permanent magnets.

Ans 1: DC motor and generators
Moving coil loudspeaker
Refrigerator door catchers.

Q7. What is teh south magnetic pole of a bar magnet.

Ans 1: the south magnetic pole sis teh end of the magnetic that points towards the south.

Q8. What happens when unlike poles of a magnet are brought close.

Ans 1: Unlike poles of a magnet will attract each other, meaning the north pole of one magnet will attract the south pole of anoterh magnet.

Q9. How are magnets used in refrigerator door.

Ans 1: Magnetic trips are fitted to the doors of refrigerators and freezers to keep them tightly closed.

Q10. What a is the direction of magnetic field line.

Ans 1: Magnetic field lines appear to originate flow the north pole and end on the south pole.