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2[a] Electric field is a region of space in which an electric charge will experience an electric force while Electric field intensity is the measure of strength of an electric field at any point.

4(a) Magnetic flux is defined as the strength of magnetic field represented by lines of force. It is usually represented by the symbol Φ

5(a) Biot Savart Law is based on the following observations for the magnetic field db at a point P associated with a length element dl of a wire carrying a steady current I

B) The magnetic field db is the field created at some point by the current in only a small length dl