Worksheet: Magnetic Effects of Electric Current

Uttar Pradesh State Board · Class 10 · Science · 4 questions · 10 marks

Name: _____ Date: _____ Score: _____ / 10

Q1. Who discovered the magnetic effect of current? *[1 mark]*

Q2. What is the frequency of Indian AC supply? *[1 mark]*

Q3. A current-carrying conductor is placed perpendicular to a magnetic field. Describe how to find the direction of the force on it, and state when this force is largest. *[3 marks]*

Q4. Explain the role of the live, neutral and earth wires in a domestic circuit, and why a fuse is needed. *[5 marks]*