

R. SEC. SCHOOL



An English Medium Co.Ed. School | Science & Commerce

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Worksheet for Subject - Physics: Current Density Class- XII

- If 1 millon electron pass in 1 millisecond through the area of cross section of a conductor Q1. Then what will be the current flow through the conductor?
- Q2. An electron is moving in a orbit of radius 5 ×10^-11 M in hydrogen atom with velocity of 2.2 ×10⁶ m/sec then determine the current
- The area of cross section of a wire is 3×10⁻⁴ m². A current of 4.8 amp is flowing through Q3. the wire .determine the current density