

The impurity atoms with which pure silicon should be doped to make a p -type semiconductor are those of *(1988 - 2 Marks)*

(a) phosphorus

(b) boron

(c) antimony

(d) aluminium

Ans: (a, c)

Solⁿ: In intrinsic semiconductor, both holes and electrons are charge carriers.

In p-type semiconductor, holes are charge carriers.

In metals, there is a free flow of electrons.