

Intrinsic

Extrinsic

Ques 6:- What are the ~~intrinsic~~ and ~~extrinsic~~ semi conductors?

Ans:- Intrinsic Semiconductor:- It is completely pure semiconductor without any significant dopant species present. Therefore, Intrinsic semiconductor are also known as pure semiconductor.

Extrinsic Semiconductor:- It is one that has been doped, during manufacture of the semiconductor crystal a trace element or chemical c/d a doping agent has been incorporated chemically into the crystal.