

Which of the following statements is not true? (1997 - 1 Mark)

- (a) The resistance of intrinsic semiconductors decrease with increase of temperature
- (b) Doping pure Si with trivalent impurities give p -type semiconductors
- (c) The majority carriers in n -type semiconductors are holes
- (d) A p - n junction can act as a semiconductor diode

Ans:

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Solⁿ:

Majority carriers in n-type semiconductors are electrons.