



# SNS COLLEGE OF ENGINEERING

Kurumbapalayam (Po), Coimbatore - 641 107

## AN AUTONOMOUS INSTITUTION



Accredited by NBA – AICTE and Accredited by NAAC – UGC with 'A' Grade  
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

### Semiconductor Physics

#### Topic : N – Type and P – Type Semiconductor

#### Fill in the blanks

- 1 . Other name for a semiconductor is .....
2. .... an element that conducts heat / electricity poorly.
3. .... an element that conducts electric current better than an insulator but not as well as a conductor.
4. A positive ion is .....
5. A negative ion is .....
6. .... an element that is shiny and conducts heat /electricity well.
7. .... an atom that has gained or lost one or more electrons and has a positive or negative charge.
  - a. Semiconductor , b. Anion, c. Cation , d. Ion, e. Metalloid, f. Non metal , g. Metal

**Answer: 1.e , 2.f , 3.a , 4.c , 5. b , 6. g , 7. d**