



SNS COLLEGE OF ENGINEERING

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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 : Elemental and Compound Semiconductor

Match the following

A

B

1. Elemental semiconductor

1. Empty conduction band

2. Compound semiconductor

2. LED & LASER Diode

3. Property of semiconductor

3. GaP

4. At high temperature

4. 0.72 eV

5. At 0 K

5. 1.1 eV

6. Band gap of Si

6. Conductor

7. Band gap of Ge

7. Insulator

8. Uses of semiconductor

8. Ge and Si

Answers: 1. (8) , 2.(3) , 3.(1) , 4.(6) , 5.(7) , 6. (5) , 7.(4) , 8.(2)