

**Engineering Physics-II  
Important 2 Mark questions**

1. What are the three scales of temperature?
2. What is an integrated Circuits?
3. Define electrolysis.
4. What is meant by good conductors of heat?
5. State any two merits of moving coil galvanometer.
6. What is meant by intrinsic semiconductors?
7. What is called fermi level?
8. What is an amplifier?
9. Define specific heat capacity of a solid.
10. What is meant by refraction of light?
11. Expand RADAR and LASER?
12. How PNP transistor is formed? Also draw its electronic symbol.
13. Write an equation each for isothermal and adiabatic change.
14. Define Coefficient of thermal conductivity.
15. State Clausius statement of second law of thermodynamics.

**Important 3 Mark questions**

1. State any three postulates of kinetic theory of gases.
2. Give any three advantages of renewable energy.
3. Explain stimulated emission.
4. Explain the three main parts of spectrometer.
5. Explain the law of resistances connected in series.
6. What is an integrated circuits? Give any two advantages of it.
7. Explain the process conduction, convection and radiation.
8. Explain spontaneous emission.
9. Explain the forward biasing of a PN junction diode.
10. Explain isothermal changes.