

CL33_Q1. Compare the dependence of resistance on temperature of a superconductor with that of a normal conductor.

CL33_Q2. The DC resistance of a superconductor is practically zero. What about its AC resistance?

CL33_Q3. What is meant by persistent current in a superconductor?

CL33_Q4. Describe how Cooper pairs are formed and explain the salient features of superconductivity.

CL33_Q5. What are type I and type II superconductors?

CL33_Q6. What is Meissner effect? Explain.