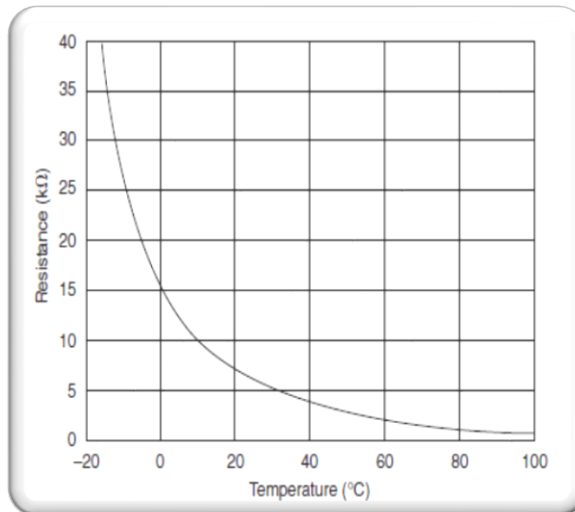


BiTutorial 4 questions to solve:

1. “If the temperature increased in a metal, the metal resistance also increases,” Explain this statement.
2. It is said that to decrease self heating of an RTD sensor, the current flow through it should be reduced. Why this is so?
3. Explain the following resistance versus temperature curve of a semiconductor material.



4. “Bimetallic strips behaves like an actuator,” explain this statement with a real life example.
5. If you fail to maintain 0°C temperature at the cold junction in a thermocouple, what would you do to compensate this situation?