

Tutorial 10 questions to solve:

1. Derive the formula for the unknown resistance in a Wheatstone Bridge when the bridge is balanced.
2. Derive the condition for balance in the Maxwell Bridge.
3. Explain the concept of impedance in AC bridges and how it differs from resistance in DC bridges.
4. Write down the practical application of Wheatstone bridge.
5. You are working with a Wheatstone Bridge circuit, and you notice that the galvanometer shows a slight current even when the bridge is supposed to be balanced. What possible causes could you investigate?