



CONSTRUCTION OF VOLTMETER AND AMMETER

Guide Questions

40% of the Written Report (Group Report) grade

1. What is the significance of the galvanometer's current sensitivity?
2. In constructing an ammeter, how should the shunt resistance be connected to the galvanometer? Explain why it should be so.
3. In constructing a voltmeter, how should the multiplier resistor be connected to the galvanometer? Explain why it should be so.
4. Is the value of the shunt resistance small or large? Explain why it should be so.
5. Is the value of the multiplier resistance small or large? Explain why it should be so.