LIST OF FACTORS AFFECTING:

Resistance of a Conductor:

Material	
Length	Directly proportional
Area of cross section	Inversely proportional
Temperature	Temperature

Specific Resistance/Resistivity:

Substance	
Temperature	Metals - directly proportional Semiconductors - inversely proportional

E.M.F:

- Electrolyte
- Material of electrodes

Does NOT depend on:

- Shape of electrodes
- Distance between electrodes

- Amount of electrolyte

Internal Resistance:

Nature & concentration of electrolyte	Directly proportional
Distance between electrodes	Directly proportional
Surface area of electrodes	Inversely proportional
Temperature of electrolyte	Inversely proportional

Heating effect of current:

Current	Directly proportional
Resistance	Directly proportional
Time	Directly proportional