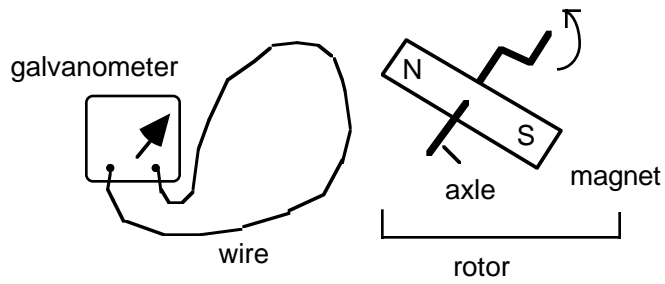


## Current Electricity : Review-20

- 1) What is current electricity?
- 2) Which of the three particles in the atom is responsible for current electricity?
- 3)a) What is a conductor? Give an example of a conductor.  
  
b) What is an insulator? Give an example of an insulator.
- 4)a) What are the two main ways of producing current electricity?  
  
b) Which of these is the most important?
- 5) A potato can be used to make a cell. Explain how this can be done.
- 6) How can a current be detected?
- 7) Explain how to make a simple generator. Draw a picture below.

Answers: 1) It is electricity that is moving., 2) Electrons., Current electricity occurs when electrons move through a conductor., 3)a) It is a material that electrons will move through easily. Example; metals., b) It is a material that electrons cannot move through. Example; plastic., 4)a) generators and cells (or batteries), b) generators, 5) Stick two different metals (e.g. nails) into a potato and you have a cell! The nails can be connected to a small light bulb or some other device. A small current will flow., 6) galvanometer (or ammeter), 7) A generator can be made by moving a magnet near a loop of wire with a device such as

a light bulb or a galvanometer in it. Current will flow through the loop when the magnet is moving.



The Generator