



පළාත් අධ්‍යාපන දෙපාර්තමේන්තුව සබරගමුව -

විෂය : විද්‍යාව

සතිය : 7

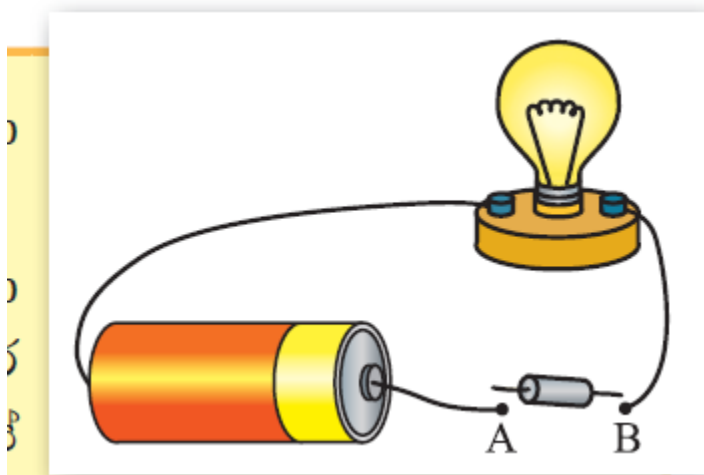
ශ්‍රේණිය : 6

සකස් කිරීම : මාවනැල්ල අධ්‍යාපන කලාපය

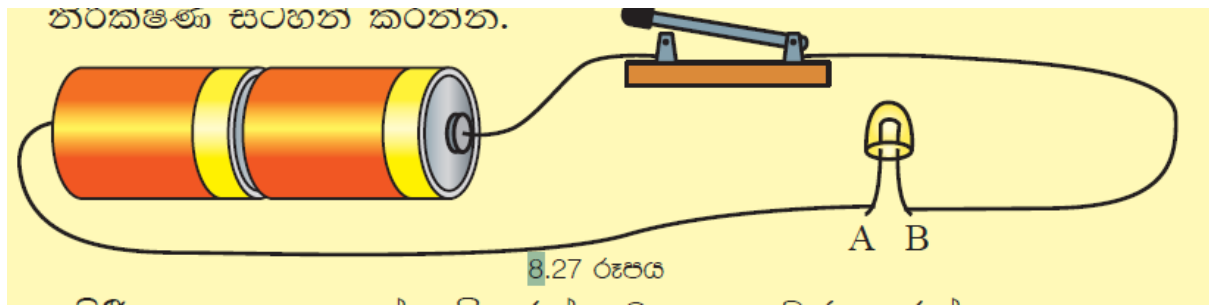
## Electric Appliances

The appliances used in electronic circuits are called as electric appliances.

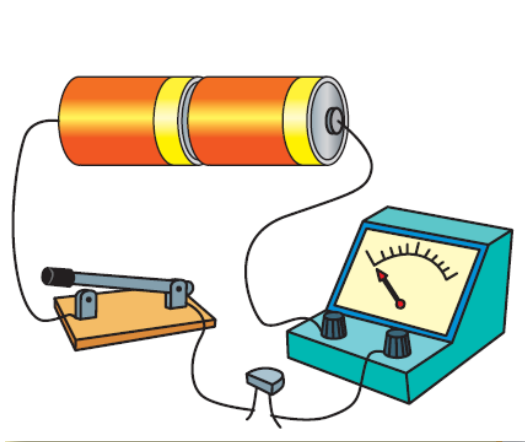
1. Name the appliances used in electronic circuits.
2. Draw a diagram of a diode. Mark + and – terminals.
3. Draw the symbol of a diode.
4. According to the activity 8.10.



- a. What are the observations, when connect the above diode to A and B ends?
  - b. What are the observations, when changed the terminals of the diode?
  - c. What is the conclusion of this activity?
5. What type of diode is LED?
  6. Draw LED bulb and mark + and – terminals.



- What will you observe when keep a LED between A and B?
  - What do you observe when changed terminals of LED?
  - As light is emitted when small current is flowing, it is known as .....
- The barrier to flow the current is known as .....
  - The appliance used to control current in a circuit is known as .....
  - The unit of measuring resistance is known as .....
  - When resistance of a circuit is increased, the current .....
  - Draw the standard symbol of resistor.
  - Name different types and shapes of resistors.



- When LDR is exposed to light, what will be the ammeter reading, what can you say regarding that?
  - What is the ammeter reading when LDR is covered by hand? What can you say regarding it?
  - When light falls in LDR ..... and when the level of light, resistance of it increases.
- Draw the standard symbol of light dependent resistor.
- By variable resistor flowing ..... in a circuit can be changed.