

Name: _____ Date: _____

Chemical Effects of Electric Current

Q1. Name a device which glows even when a weak electric current passes through it.

Ans. _____

Q2. Which is the polluting waste generated by electroplating factories?

Ans. _____

Q3. What is the advantage of using LED in testing the electrical conductivity of liquids?

Ans. _____

Q4. Does pure water conduct electricity? If not, what can we do to make it conducting?

Ans. _____

Q5. Name two metals which are usually electroplated on cheaper metals for making jewelry (or ornaments).

Ans. _____

Q6. Which effect of electric current is utilized for detecting the flow of current through a solution when a compass is used?

Ans. _____

Chemical Effects of Electric Current

Q1. Name a device which glows even when a weak electric current passes through it.

Ans. LED (Light Emitting Diodes) glows even when a weak electric current flows through it.

Q2. Which is the polluting waste generated by electroplating factories?

Ans. The conducting solution used in the electroplating process is the polluting waste generated by electroplating factories.

Q3. What is the advantage of using LED in testing the electrical conductivity of liquids?

Ans. The advantage of using LED in testing the electrical conductivity of liquids is that it glows even when a weak electric current flows through it.

Q4. Does pure water conduct electricity? If not, what can we do to make it conducting?

Ans. Pure water is free of salts and is a poor conductor. We can add some common salt in pure water to make it conducting.

Q5. Name two metals which are usually electroplated on cheaper metals for making jewelry (or ornaments).

Ans. Silver and gold are usually electroplated on cheaper metals for making jewelry (or ornaments).

Q6. Which effect of electric current is utilized for detecting the flow of current through a solution when a compass is used?

Ans. Magnetic effect of electric current is utilized for detecting the flow of current through a solution when a compass is used.