

- Q.28 Distilled water does not conduct what we can do to make it conducting.
- Q.29 When the free ends of a tester are placed in a liquid, the magnetic needle in it shows deflection. What can you say about the conductivity of the liquid?
- Q.30 Why firemen shut off the electricity connection of a house which has caught fire?
- Q.31 White deposits can be seen in containers used for storing water. Explain why these deposits occur.
- Q.32 What are anions and cations? Give examples.
- Q.33 What is electrolysis? What is it useful in industry?
- Q.34 Define the following :  
(i) electrolyte  
(ii) electrolysis  
(iii) electroplating.
- Q.35 What are the uses of electroplating?
- Q.36 Why do we get electric shock?
- Q.37 A pencil sharpened at both ends can be used as a conductor in laboratories. Why?
- Q.38 What is electrical conductivity?
- Q.39 We are advised to use rubber soled slippers while working with electrical goods. Why?
- Q.40 What do you mean by chemical effect of current?
- Q.41 How can we get  $H_2$  and  $O_2$  from water?
- Q.42 Distinguish between electrolytes and non-electrolytes. Give examples.
- Q.43 What is electrorefining? Briefly explain the process with the help of a labelled diagram.
- Q.44 What is electroplating?
- Q.45 What do you mean by an LED?
- Q.46 Explain the electrolysis of water with the help of a labelled diagram. Also write the chemical reactions taking place at the electrodes.
- Q.47 What is electroplating? What are the essential steps involved in the electroplating of an article? Draw a labelled diagram to explain the process.
- Q.48 What do you understand by electrolysis? Briefly explain various terms involved in the process of electrolysis.
- Q.49 Briefly explain the applications of electroplating. How will you protect metals from getting corroded?
- Q.50 Explain with the help of an experiment that electricity conducts through lemon juice.
- Q.51 Explain the electrolysis of water with the help of a labelled diagram. Also write the chemical reactions taking place at the electrodes.
- Q.52 What is electroplating? What are the essential steps involved in the electroplating of an article? Draw a labelled diagram to explain the process.
- Q.53 What do you understand by electrolysis? Briefly explain various terms involved in the process of electrolysis.
- Q.54 Explain, with the help of a diagram, how electroplating of an object is done.
- Q.55 A tester is used to check the conduction of electricity through two liquids, labeled P and Q. It is found that the magnetic needle of the tester deflects by a small amount for only liquid P. Which liquid is a better conductor of electricity and why?