

ELECTROLYSIS WORKSHEET - 1

1. Name the particles present in a compound which is a non-electrolyte.
2. Why is it necessary to add acid to water before proceeding with the electrolysis of water?
3. Explain why is solid NaCl a very poor conductor while if melted is good conductor of electricity.
4. Why are articles electroplated?
5. Name the substance which is a good conductor of electricity but a bad conductor of heat.
6. Which particles are present in solid lead (II) bromide and molten lead (II) bromide?
7. Explain why a direct current should be used during electroplating.
8. A small current should be used for a longer time during electroplating. Explain.
9. Write the main applications of electrolysis.
10. Explain why pure water does not conduct electricity.
11. How is the passage of electricity through an electrolyte different from the passage of electricity through copper wire?
12. State three applications of electrolysis.
13. Give reasons why a solution of AgNO_3 is a good electrolyte but it is not used in electroplating an article with silver.
14. What is electroplating? State its importance.
15. Write two applications of electrolysis in which the anode diminishes in mass.