

## PHYSICAL AND CHEMICAL CHANGES (VII)

1. Differentiate between physical and chemical changes?
2. How can you say that rusting of iron is a chemical change, explain.
3. What happens when magnesium ribbon is burnt in air and when we make an aqueous solution of the residue? Explain with a clear equation which type of change is this and why?
4. When you put an iron blade in a copper sulphate solution, its colour changes from blue to green, why did this happen? Explain.
5. What changes occur when a chemical change happens?
6. What is galvanisation? Explain.
7. What is crystallisation? Explain.
8. Classify the changes involved in the following as physical or chemical changes:-
  - (a) Photosynthesis
  - (b) Dissolving sugar in water
  - (c) Burning of coal
  - (d) Melting of wax
  - (e) Beating aluminium to make wire
  - (f) Digestion of food.