



SACRED HEART SCHOOL

Maharana Pratap Chowk, Jhumri Telaiya, Koderma

Website: <http://www.sacredheartkoderma.org/>

Science

Class – VII



A. VERY SHORT ANSWER TYPE QUESTIONS

1. Classify the following into physical and chemical changes :
 - (a) melting of ice
 - (b) growing of a tree
 - (c) rusting of iron
 - (d) magnetisation of an iron piece
2. What kind of change is burning of fuels ?
3. What are the necessary conditions for rusting to take place ?
4. Name two reversible changes.
5. Name two alloys.

B. SHORT ANSWER TYPE QUESTIONS

1. How is melting of ice is a physical change ?
2. If you tear a sheet of paper into small bits, can you get the sheet again ? What kind of change is this and why ?
3. How would you detect the presence of carbon dioxide produced during the reaction of vinegar with baking soda ?
4. What is galvanisation ?
5. Name five chemical changes that take place inside the body of living beings.

C. LONG ANSWER TYPE QUESTIONS

1. What are the characteristics of a physical change ?
2. Mention some ways to prevent rusting.
3. How does a chemical change differ from a physical change ?
4. What is the importance of chemical changes for living beings ?
5. Name the method used to obtain pure crystals of a substance. Describe one of its uses.
6. When a nail is dipped in copper sulphate solution, the colour of the solution is changed and the nail is covered with a brown layer. Why ? Explain this reaction in terms of chemical change.