



-110034

**CLASS-VII**  
**SCIENCE ASSIGNMENT**  
**PHYSICAL & CHEMICAL CHANGES**

- Q1. What is a chemical change? Give two examples.
- Q2. Name two agents which cause corrosion.
- Q3. What is harmful effect of corrosion?
- Q4. How do you show that curdling of milk is a chemical change?
- Q5. In what way oiling & greasing help to prevent rusting?
- Q6. What is crystallization & in what way is the process helpful to us?
- Q7. State four differences between physical & chemical changes.
- Q8. Explain how burning of paper is different from tearing it?
- Q9. What is rusting? What are the conditions necessary for rusting? How can rusting be prevented?
- Q10. When a candle burns, both physical & chemical changes take place. Identify these changes.
- Q11. When Magnesium is burned in air, a powdery ash X is obtained. X on dissolving in water forms Y. What are X & Y?
- Q12. How is impure common salt purified?
- Q13. Classify the following as physical or chemical change:
- a) stretching of rubber band
  - b) photosynthesis in plants
  - c) formation of curd from milk
  - d) burning of leaves
  - e) magnetization of iron piece
  - f) respiration in living organisms
  - g) digestion of food
  - h) melting of wax
  - i) formation of clouds
- Q14. How do you show that melting of ice is a physical change?
- Q15. Name the gas evolved when vinegar is added to baking soda? How do you identify this gas?
- Q16. What happens when an iron nail is put in copper sulphate solution? Explain.