

## BHARATH COACHING CENTRE

7<sup>th</sup> CBSE

Physical and Chemical Change

Total: 30

Science

Time: 1.30 hrs

### SECTION – A

3 × 1 = 7

#### I. Fill in the blanks

1. Burning of magnesium ribbon forms \_\_\_\_\_
2. The process of depositing layer of zinc on iron is called \_\_\_\_\_

#### II. State whether the given changes are either physical or chemical change

3. Photosynthesis
4. Burning of coal
5. Melting of candle
6. Making lemon juice
7. Making jewelry from gold

### SECTION – B

3 × 2 = 6

8. Suggest two methods to prevent rusting.
9. Define Crystallization.
10. What is browning of vegetable?

### SECTION – C

4 × 3 = 12

11. Define rusting. Write the chemical equation.
12. Differentiate between physical and chemical change. Give an example for each.
13. Why does iron rust but stainless steel doesn't?
14. Differentiate between element and compound.

### SECTION – D

1 × 5 = 5

15. What will happen if we drop iron nails into copper sulphate solution?  
Write the reaction between copper sulphate and iron nails.