



Subject - Science

Week - September III

Grade - 10

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Changes in Matter

1) State the observations for the following experiments after engaging them at home.

| | Experiment | Observations |
|-----|--|--------------|
| I | Place an ice cube on a dish under the room temperature for a while and see what would happen. | |
| II | Combust a piece of paper. | |
| III | Place a camphor ball on a metallic spoon and heat through the candle flame. (while engaged in this, wear a face mask) | |
| IV | Light up the candle for a while and see what would happen. | |
| V | Put few pieces of egg shells to a glass and mix them with vinegar. | |

Study the pages from 88 up to 94 in your part 2 Science text book and answer the question given below. .

2) i) What is meant by “physical changes”?

ii) Define the term “chemical changes”?

iii) Categorize the above experiments in the chart as physical or chemical changes.

3) State 5 observations that proves whether a chemical reaction has taken place.

4) Mention the four types of chemical reactions ?

5) Write 3 balanced chemical equations for each of the chemical reaction type mentioned above.

6) Engage in the assignment 16.1 given in the page no 94 in your text book.