



Provincial Department of Education- Week School

week- 5th

Subject-Science

Grade- 10

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Changes in Matter

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

	Experiment	observation
I	Place an ice cube on a dish under the room temperature for a while and see what would happen.	
II	Combust the piece of paper.	
III	Place the camphor ball on the 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 change.

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

4) Mention the four types of chemical reactions ?

5) Write 3 balanced chemical equations for each of the chemical reactions mentioned above

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