
CARMEL SCHOOL, MADHUPUR
SUBJECT: CHEMISTRY
CLASS VI

CHAPTER 1

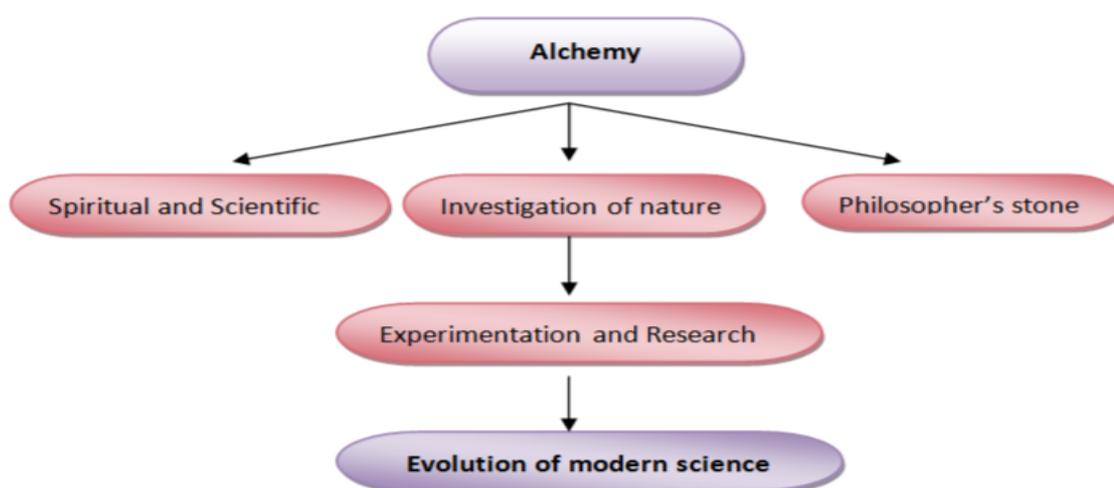
INTRODUCTION TO CHEMISTRY

SHORT AND PRECISE

A. Show the given text in the form of flowcharts.

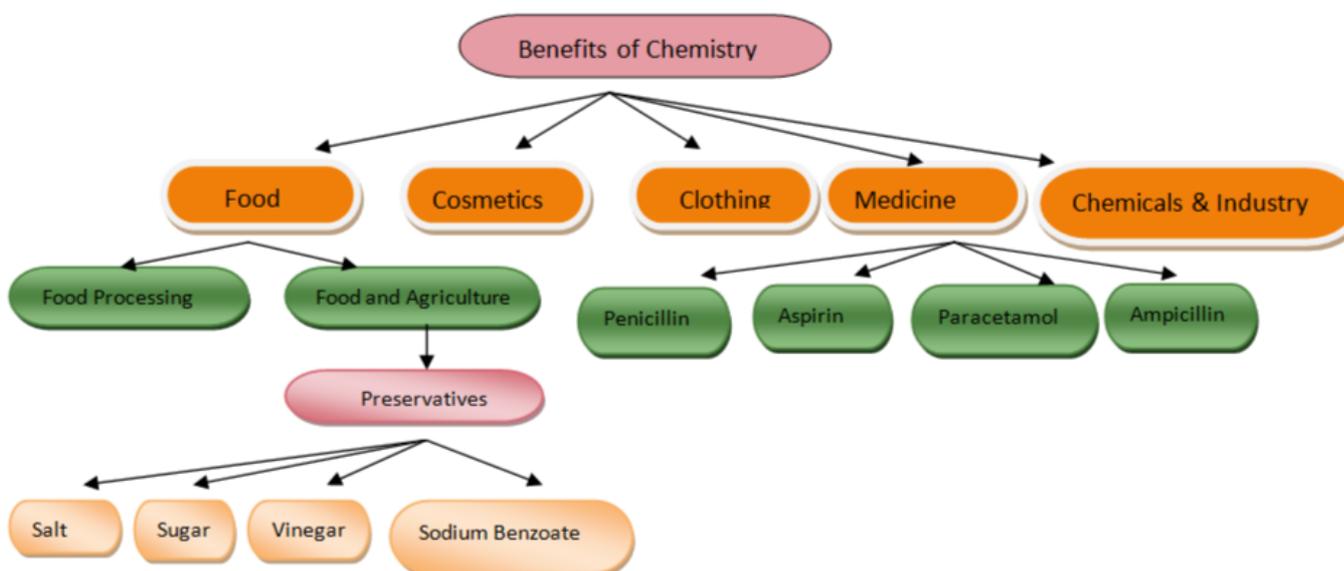
1. Alchemy

Answer:



2. Benefits of Chemistry

Answer:



B. Give reasons for the following statements.

1. Science is both a body of knowledge as well as continuous ongoing process.

Answer: *Science is both a body of knowledge as well as continuous ongoing process because it is a system of acquiring knowledge using observation and experimentation to describe various natural processes around us.*

2. Chemistry is of vital importance and plays a fundamental role in all aspects of life.

Answer: *Chemistry is of vital importance and plays a fundamental role in all aspects of life as all the human activities performed in our everyday life are either directly or indirectly depend on the applications of chemistry.*

3. Alchemy is considered of importance.

Answer: *Alchemy is considered important as it made a significant contribution in the evolution of modern science.*

4. Chemistry plays a significant role in the development of cosmetics.

Answer: *Chemistry plays a significant role in the development of cosmetics as all the cosmetics are made from combinations of various chemical ingredients.*

C. Answer in short.

1. State the main aim of alchemy.

Answer: *The main aim of alchemy was to find a mythical and magical substance called "philosopher's stone" which on heating with a base of iron and copper would turn into gold.*

2. How did Mendeleev use the modern periodic table of elements?

Answer: *Mendeleev used the modern periodic table of elements to predict the existence and properties of new chemical elements.*

3. What are food preservatives?

Answer: *Food preservatives are the chemicals used to preserve food and control the wastage of food.*

4. Why do we use sugar and salt often to preserve food?

Answer: *We use sugar and salt often to preserve food as they help in preventing the growth of bacteria in food items.*

5. What is processed food? Give examples.

Answer: *Processed foods are the food products which are made suitable for consumption, cooking or storage after its transformation by a physical or chemical method. For example-Cheese, bread, jam, tinned food, etc.*

6. What are cosmetics? Give examples.

Answer: *Cosmetics are the substances or products that enhance the appearance of external parts of human body. For example-lipsticks, talcum powder, shampoo, foundation, etc.*

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