

CLASS : VISUBJECT : CHEMISTRY

CHAPTER: 1 (Introduction to chemistry)

Follow page number 1 to 5 (up to importance of chemistry) from your text book.

Points to be read thoroughly :-

1. Definition of science(First paragraph of the chapter)
2. Chemistry meaning
3. Development of chemistry-A historical perspective
4. Notable chemists
5. Some other notable scientists and their discoveries (page no. 5)
6. Notable Indian chemists or scientists and their contribution (page no. 5)

Read the information given within 'Know your scientist' box (pg no.2) and 'Thirst for knowledge' box (pg no.3)

WORKSHEET

Fill in the blanks :

1. The application ofhas improved our daily life greatly with several benefits.
2. Science has two main branches :science andscience.
3. The people who practiced alchemy were called.....
4.discovered the electron and proposed themodel.
5.is considered as the 'Father of Modern Chemistry'.

Write 'T' for true statements and 'F' for false statements. Correct the false statements.

1. Chemistry is a branch of natural science.
2. Neils Bohr performed the famous 'Gold foil experiment' .
3. John Dalton gave the Law of Partial Pressure.
4. Henry Cavendish discovered oxygen.

Who discovered the following :

1. Nitrogen
2. Oxygen
3. Structure and function of ribosome

Write down the contribution of the following scientists in the field of chemistry :

1. John Dalton
2. Ernest Rutherford

Define :

1. Chemistry.
2. Alchemy

Give reason :

- The iron Pillar near QutubMinar has not deteriorated due to rusting.

Answer the following questions :

1. Write down the names and contributions of two Indian scientists in the field of chemistry.
2. Who developed 'Bohr atomic model'?
3. Who gave the law of 'Conservation of Mass'?
What does it state ?