

## ➔ INTRODUCTION TO CHEMISTRY

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### 1.1 WHAT IS CHEMISTRY (DEFINITION AND ITS IMPORTANCE)

**Q.1: Define chemistry and describe its importance.**

**Ans: CHEMISTRY:**

Chemistry is the branch of science that deals with the proper composition and structure of matter.

**OR**

Chemistry is the branch of science that deals with the study of properties, composition and structure of matter along with chemical changes involved in it and principles governing these changes.

**IMPORTANCE OF CHEMISTRY:**

Chemistry enables us to design all sorts of materials like.

- Drugs to fight a disease.
- Pesticides to protect our health and crops.
- Fertilizers to grow our crops for abundant food.
- Fuels for transportation.
- Fibres to provide comfort.
- Variety in clothes and lot of other things.
- Chemistry also helps us to understand the nature of our environment and about ourselves.
- The theories of chemistry help us to understand the material world from tiny atom to giant galaxies.

### 1.2 LANDMARKS IN THE HISTORY OF CHEMISTRY

**Q.2: Describe the historical development of chemistry.**

**Ans: HISTORICAL DEVELOPMENT OF CHEMISTRY:**

Historical development of chemistry consists of following three periods.

- The Greek period
- The Muslim period
- The Modern Period