



Chapter 1

Introduction to Chemistry



Introduction to Chemistry Objective Type Questions

Question 1

Fill in the blanks:

- (a) **Chemistry** deals with the study of matter and the changes it undergoes.
- (b) **Fertilizers** help to increase the production of food.
- (c) Food items like jams and pickles are protected by using **preservatives (salt and sugar)**.
- (d) L.P.G. is used for **fuel**.
- (e) Inert gases were discovered by **William Ramsay**.

Question 2.

Match the following words in column A with those in column B:

Column A

- a. Clothing
- b. Green Revolution
- c. Building Materials
- d. Commodities of daily use

Column B

- nylon, wool
- agriculture
- mortar, cement
- Tooth paste, cosmetic

Question 3.

Write "True" or "False" against each of the following statements.



- (a) Chemistry plays an important role in national economy: **True**
- (b) Antibiotics are used as preservatives: **False**
- (c) D.D.T. is an important fertiliser: **False**
- (d) Gunpowder is an insecticide: **False**
- (e) Enzymes secreted by our body are chemicals: **True**

Question 4.

Choose the correct alternative from the choices given below for the following statements:

(a) Trinitrotoluene is used as

1. A preservative
2. A fertiliser
3. A fuel
4. **An explosive**

(b) Which one of the following is a pesticide?

1. benzoic acid
2. **Aldrin**
3. Sugar
4. Gunpowder

(c) Mortar is used as a

1. Plastic material
2. **A building material**
3. An insecticide
4. As medicine

(d) Used is an important

1. Fuel
2. Preservative
3. **Fertiliser**
4. Food item

(e) The chemicals prescribed by a doctor in treatment of infectious diseases are called

1. Antigens
2. Lotions
3. **Antibiotics**
4. Creams



Question 5.

Match the following scientists in column A with their discoveries or contributions in column B.

Column A

- a. Marie Curie
- b. John Dalton
- c. William Ramsay
- d. Sir Humphry Davy

Column B

- i. Noble Prize Winner
- ii. Atomic theory
- iii. Helium
- iv. Safety Lamp



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