

Exercise

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A Short Answer Question:

Q1. What ~~to~~ was the goal of alchemists? Name any two technique developed by them

Ans The goal of the alchemists to a magical substances. Some techniques developed by alchemists are given below

- ① Process to extract metals from their ores - They were the first to isolate zinc and phosphorus.
- ② Mixing different metals to form alloys - like making fine quality bronze from tin and copper.

Q2. What are pesticides? Why do we use them?

Ans Pesticides are the chemicals used to kill pests (Pests harm crop and reduce yield). Malathion is a commonly used pesticide. We use them to protect crops from pests. So, that the crop production can be increased.

Q3. What are preservatives? State their importance.

Ans They help to prevent the growth of micro organism and spoilage of food. Preservatives and spoilage of food. Preservative

B. Long Answer Questions:

1. Write about the contribution of Dmitri Mandeleev and John Dalton to the field of Chemistry.

Ans ① Dmitri Mandeleev: He created the periodic Table (of elements). He arranged the known elements based on their properties. He also predicted the properties of certain elements that were not discovered at the time.

- ② John Dalton: He stated the matter consists of small indivisible particles called atoms. This theory was later called Dalton's atomic theory.