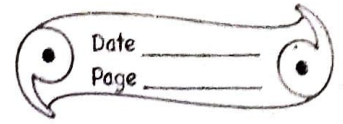


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Class - 6 Sec - D



Q. Write any 5 importance in the field of chemistry and give atleast 3 examples of each.

Ans- Chemistry has played a vital role in the progress of mankind. Directly or indirectly, all human activities depend upon the knowledge of chemistry. Chemistry also plays an important role in different field like - Food and Agriculture, Food processing, Industry medicines, cosmetics, minerals and petroleum, building materials, transport etc.

1. Food and Agriculture - Chemistry has helped farmers with agro-chemicals like fertilisers, pesticides, insecticides, fungicides and preservatives. Some Examples of Fertiliser - Urea, Potash, Sodium nitrate  
Examples of pesticides - Parathion, Aldrin, Malathion  
Examples of fungicides - Bordeaux mixture, Sulphur  
Examples of Insecticides - D.D.T, B.H.C

2. Food processing and Processed food -

Food processing is the transformation of raw food materials by physical and chemical means into the marketable food products that can be served to the consumer.  
Example - Jam, Jelly, Bread etc.

3. Medicines - Extensive researches by chemists have led to the discovery of a number of medicinal drugs. Example - Aspirin, Paracetamol, antibiotics like Penicillin.



4. Cosmetics - Cosmetics are the products used to cleanse, protect and change the appearance of external parts of human bodies. Examples - Talcum powder, Skin care, Lotions, Perfumes etc. are products due to the knowledge of chemistry.

Talcum powder is made up of a mineral called talc which contains elements like magnesium, silicon and oxygen.

5. Building Materials - Basic raw materials such as cement, mortar, steel and varnishes etc. used for the construction purposes are also made due to the knowledge of chemistry.