MODULE – 3 : CHEMICAL SCIENCE:


(ii) Plastics and polymers : Polyethylene, polyvinylchloride (PVC), nylon 6-6, rubber and synthetic rubber.


(iv) Bio Fertilizers - Applications and their affects on nature. (Structures and preparation methods for the syllabus mentioned in (i) to (iv) are excluded).

MODULE – IV : TECHNOLOGY AND DEVELOPMENT


(ii) Green Revolution : Introduction - Types of crops developed in green revolution.

(iii) Food Technology : Introduction - Food Processing - Methods of processing - Food Preservation and methods of preservation.

(iv) National Institutions (Science) : Institutions Imparting Education - Institutions performing research and development - Role of scientific Institutions in Research, Technology and Development.
Module – 1: SCIENCE:


2. Life Science:


(ii) Health: Problems - Sex Education - Venereal Diseases, AIDS, General Protozoan, Bacterial & Viral diseases.

MODULE II: TECHNOLOGY DEVELOPMENT

Communication: Definition, nature and concept of communication - role of communication in society.

Types of Communication: Intrapersonal, Interpersonal, group and mass Communication. Traditional and folk forms of communication in India. New Media technologies - Satellite, Cable and Internet.


Transport - wheel, steam Engine, Automobile, Ship, Airplane. Comparison of Road, Rail, Water and Air transports in terms of infrastructure, speed, cost, etc.