

CHEMISTRY

MONTH	UNIT	TOPIC	SUB TOPIC
April	1	Metals and Non-Metals	Physical properties of metals and non-metals
			Chemical properties of metals and non-metals
May		Metals and Non-Metals	Uses of metals and non-metals
June	2	Coal and Petroleum	Exhaustible and In-exhaustible natural resources, Coal, Story of coal, Products obtained from destructive distillation of coal, types of coal
Pre-Mid Term Examination			
July	2	Coal and Petro-leum	Petroleum-Its formation, refining, natural gas, some natural resources are limited
	3	Combustion and Flame	What is Combustion? Fuel, ignition temperature, inflammable substances activity 6.1 to 6.4, how do you control fire?
August	3	Combustion and Flame	Types of combustion, flame-its structure, what is a fuel? Fuel efficiency, harmful effects of burning fuel.
	4	Synthetic Fibres and Plastics	What are synthetic fibres? Types of synthetic fibres, characteristics, rayon, advantages and disadvantages, types of plastic, plastic as material of choice, some important properties of synthetic materials, plastic and environment.
September	Revision & Half Yearly Examination		
October	5	Pollution of Air and Water	Air pollution, Case study of Taj Mahal, Green House Effect, What can be done? Methods to reduce air pollution.
November	5	Pollution of Air and Water	How does water get polluted? Ganga action plan.
			What is potable water? How is it purified? What can be done?
Post-Mid Term Examination			
December	6	Chemical effects of Electric Current	Do liquids conduct electricity? Conduction in solid.
January	6	Chemical effects of Electric Current	Electrolysis, electroplating
February	Revision & Annual Examination*		

Syllabus For Annual Examination

Combustion and Flame
 Synthetic Fibers & Plastics
 Pollution of Air and Water
 Chemical effects of electric current