



SYLLABUS FOR THE ACADEMIC SESSION 2020-21

CLASS – VIII

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	1 (Contd.)	Metals and non metals	- Chemical properties of metals and nonmetals (Contd) - Uses of metals and non metals
Pre-mid-term Examination			
June	2	Coal and petroleum	- Exhaustible and inexhaustible natural resources - Coal, story of coal - Products obtained from destructive distillation of coal - Types of coal
July	2 (contd.)	Coal and petroleum	- Petroleum- its formation, refining, natural gas - Limited natural resources
	3	Combustion and flame	- Types of combustion - Fuel, ignition temperature - Inflammable substances activity 6.1- 6.4 - How do you control fire
August	3 (contd.)	Combustion and flame	- Flame- its structure, types of combustion - Fuel efficiency, effects of burning fuel
	4	Synthetic materials	- Synthetic fibres- types & characteristics - Advantages and disadvantages of synthetic fibres - Synthetic polymers- plastics, rubber, adhesives - Properties of synthetic fibres - Plastics and environment
September	Revision & Mid Term Examination		
October	5	Chemical effects of electric current	- Introduction - Electricity through different substances
November	5 (contd.)	Chemical effects of electric current	- Electrolysis - Electricity through different substances (contd.) - Electroplating
November	6	Pollution of air and water	- Air pollution - Case study of Taj Mahal - Green house effect - What can be done
December	6	Post Mid Term Examination	
December & January	6 (contd.)	Pollution of air and water	- Methods to reduce air pollution - How does water get polluted - Ganga action plan - What is potable water? - Purification of water
February	Revision and Annual Examination		

Annual Examination:

1. Combustion and flame
2. Synthetic materials
3. Pollution of air and water
4. Chemical effects of electric current