

Class – X

Sub: CHEMISTRY

Weekly Syllabus

Academic Session 2023-24

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
Mar-23		9-27		13		1.CHEMICAL REACTIONS AND EQUATIONS	1.1 Chemical equations 1.2 1.1.1Writing a chemical equation 1.1.2Balanced chemical equation 1.1.2Balanced chemical equation 1.2.Types of chemical reactions 1.2.1.Combination reaction 1.2.2.Decomposition reaction 1.2.3.Displacement reaction 1.2.2.Decomposition reaction	
Apr-23	I	01	01-Working Saturday (Student)	01		1.CHEMICAL REACTIONS AND EQUATIONS	1.2.Types of chemical reactions 1.2.3.Displacement reaction	
	II	03-07	04 - Mahavir Jayanti 07 – Good Friday	03		1.CHEMICAL REACTIONS AND EQUATIONS	1.2.4.Double displacement reaction 1.2.5.Oxidation and reduction	
	III	10-14	14 - Ambedakar Jayanti	04		1.CHEMICAL REACTIONS AND EQUATIONS PRACTICALS	1.3.1.Corrosion 1.3.2 Rancidity To study the following chemical reactions: a) Combination Reaction	

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						PRACTICALS	2.3.1 Importance of pH in daily life 2.4 More about salts Finding the pH of the given samples using pH paper or universal indicator	
	III	15-20	20- Working Saturday (Open House X & XII)	06		2.ACIDS BASES AND SALTS PRACTICALS	2.4.3 Chemicals from common salt Plaster of Paris 2.4.3 Chemicals from common salt 2.4.4 Are the crystals really dry? Finding the pH of the given samples using pH paper or universal indicator	
***** SUMMER BREAK 22 MAY -30 JUN 2023 *****								
Jul-23	I	01-	01- School reopens for staff	01		3. METALS AND NONMETALS	3.1 Physical properties 3.1.1 Metals 3.1.2 Non metals	PT-I Class VI-X Date: 07 Jul – 19Jul
	II	03-07		05		3. METALS AND NONMETALS PRACTICALS	3.2 Chemical Properties 3.2.1 What happens when metals are burnt in air? 3.2.2 What happens when metals are burnt in water? Reactivity series of metals (Fe, Cu, Zn, Al)	ES-2 (XII): 07 Jul – 19Jul 1.CHEMICAL REACTIONS AND EQUATIONS 2.ACIDS BASES AND SALTS (till topic 2.1 Chemical properties of acids and bases i.e 2.1.6 page no. 22) Blue box questions also included
	III	10-14		05		3. METALS AND NONMETALS	3.2.3 What happens when metals react with acids? 3.2.4 How do metals react with solution of other metal salts? 3.2.5 The reactivity series	

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						PRACTICALS	Reactivity series of metals (Fe, Cu, Zn, Al)	
	IV	17-22	22 – Working Saturday (Students)	06		3. METALS AND NONMETALS PRACTICALS	3.3 How do metals and non-metals react? 3.3.1 Properties of ionic compounds 3.4 Occurrence of metals Properties of acetic acid	
	V	24-28	29-Muharram	05		3. METALS AND NONMETALS PRACTICALS	3.4.1. to 3.4.5.Extraction of metals 3.4.6. Refining of metals. Properties of acetic acid	
	VI	31		01		3. METALS AND NONMETALS	3.5. –Corrosion- its prevention, rusting of iron	
Aug-23	I	01-05	05 – Working Saturday (Open House (VI-X), XII)	05		4.CARBON AND ITS COMPOUNDS PRACTICALS	Introduction 4.1 –bonding in carbon Types of covalent bonds Comparison of foaming capacity of soap in hard and soft water	
	II	07-11		05		4.CARBON AND ITS COMPOUNDS PRACTICALS	4.1 –bonding in carbon Types of covalent bonds Allotropes of carbon Comparison of foaming capacity of	

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							soap in hard and soft water	
	III	14-18	15 – Independence Day	04		4.CARBON AND ITS COMPOUNDS	4.2. Versatile nature of carbon	
	IV	21-26	24,25-Class Test 26-Working Saturday (Students) 26-Annual Prize Distribution	06		4.CARBON AND ITS COMPOUNDS	4.2.1 to 4.2.3 -Saturated and unsaturated carbon compounds	ES-1 (XI): 21 Aug – 25 Aug
	V	28-32	30-Raksha Bandhan 28,29 -Class Test	03		4.CARBON AND ITS COMPOUNDS	4.2.1 to 4.2.3 -Saturated and unsaturated carbon compounds 4.2.3 Will you be my friend	
Sep-23	I	01	01 -Class Test	01			REVISION	
	II	04-08	07-Janmashtami	04		Mid Term/ HYE Exam		Mid Term (PT-II)/ HYE Date 11-23 Sep Chapter 1: Chemical Reactions and Equations Chapter 2: Acids, Bases and Salts Chapter 3: Metals and Non Metals
	III	11-16	16 – Working Saturday (Students)	06				
	IV	18-23	23 – Working Saturday (Students)	06				
	V	25-30	28-Milad-un-Nabi	04		4.CARBON AND ITS COMPOUNDS	4.2.4 – Homologues series of carbon compounds	

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Oct-23	II	02-07	02-Mahatma Gandhi's Birthday 07-Annual Prize Distribution	05		4.CARBON AND ITS COMPOUNDS	4.2.5. Nomenclature of carbon compounds	
	III	09-14	14- Working Saturday(Open House VI-XII)	06		4.CARBON AND ITS COMPOUNDS	4.3 –Chemical properties of carbon compounds	
	IV	16-20		05		4.CARBON AND ITS COMPOUNDS	4. Ethanol and Ethanoic acid	
	V	23-27	23– Autumn Break 24- Dussehra 28-Maharishi Valmiki's Birthday	03		4.CARBON AND ITS COMPOUNDS	4.4. Ethanol and Ethanoic acid	
	VI	30-31		02		4.CARBON AND ITS COMPOUNDS	4.5 Soaps and detergents	
*** Autumn Break 23 Oct 2023 ***								
Nov-23	I	01-04	01– Karwa Chouth 04 – Working Saturday (Students)	03		4.CARBON AND ITS COMPOUNDS	4.5 Soaps and detergents	
	II	06-10	07 – Annual Day	05		4.CARBON AND ITS COMPOUNDS	4.5 Soaps and detergents	

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	III	13-18	11-15 – Diwali Break	03		REVISION	REVISION	PT-III (VI-VIII): 17 Nov-14 Dec PT-III (IX & X): 20 Nov-30 Nov ES-2 (XI): 21 Nov-14 Dec MPB (XII): 20 Nov-30 Nov
	IV	20-24		05		REVISION	REVISION	
	V	27-30	27 – Guru Nank’s Birthday	03		REVISION	REVISION	
Dec-23	I	01-02	01,02 – Annual Athletic Meet	02		REVISION	REVISION	
	II	04-09	09 – Sports Day	06		REVISION	REVISION	1.CHEMICAL REACTIONS AND EQUATIONS 2.ACIDS BASES AND SALTS 3. METALS AND NONMETALS 4.CARBON AND ITS COMPOUNDS
	III	11-16	16-Working Saturday, Open House (IX,X & XII)	06		REVISION	REVISION	
	IV	18-22	20-22 – TAFS MUN 24,25 – Christmas Holidays	05		REVISION	REVISION	
	*** Winter Break from 26 Dec to 05 Jan 2024 ***							
Jan-24	I	08-12		05		REVISION	REVISION	Pre-Board (X & XII): 09 Jan-23 Jan

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Feb-24	II	15-20	20-Working Saturday, Open House (VI-VIII, XI)	06		REVISION	REVISION	
	III	22-27	26-Republic Day 27- Farewell XII	05		REVISION	REVISION	
	IV	29-31		03		REVISION	REVISION	
	I	01-03	01,02- Class Test 03-Working Saturday, Citation Ceremony, Open House (X& XII)	03		REVISION	REVISION	
	II	05-09	05-08- Class Test	05		REVISION	REVISION	Annual Exam Class IX & XI – 07 Feb-21 Feb 2023
	III	12-16		05		REVISION	REVISION	
	IV	19-23		05		REVISION	REVISION	
	V	26-29		04		REVISION	REVISION	
Mar-24	Annual Exam Classes VI-VIII – 26 Feb-11 Mar 2024							

Note: The examination syllabus as mentioned above is to be considered Tentative. The final syllabus for each exam will be uploaded on the website along with the Date Sheet at the time of the examination.