

AIR FORCE SCHOOL, BAMRAULI
Annual Split-Up of Syllabus
Academic Session 2025-26

Class: XII

Subject: Chemistry

SL NO	MONTH	CHAPTER/UNIT	TOPIC/SUB TOPIC	ACTIVITY(PRACTICAL)
1	APR	1	Solution	Preparation of one lyophilic and one lyophobic sol Lyophilic sol - starch, egg albumin and gum
2	MAY	2	Electrochemistry	Separation of pigments from extracts of leaves and flowers by paper chromatography and determination of R_f values (distance values may be provided).
3	JUN	3	Chemical Kinetics, Electrochemistry	(1) Preparation of the standard solution of Oxalic acid of a given volume (2) Determination of molarity of KMnO_4 solution by titrating it against a standard solution of Oxalic acid.
4	JUL	4	The d and f block elements	Qualitative analysis: Determination of one cation and one anion in a given salt. Cation $-\text{NH}_4^+$ Anions $-\text{CO}_3^{2-}$, S^{2-} , SO_3^{2-} , Cl^- , CH_3COO^- (Note: Insoluble salts excluded)
5	AUG	5	Coordination Compound	Characteristic tests of carbohydrates and proteins in the given foodstuffs. E Preparation of Inorganic Compounds- Potash Alum

6	SEP	6	Halo alkane Halo arenes	Separation of pigments from extracts of leaves and flowers by paper chromatography and determination of R_f values (distance values may be provided).
7	OCT	7,8	Alcohols, Phenols, Ethers Aldehyde and Ketones Carboxylic Acid	Tests for the functional groups present in organic compounds: (1) Alcoholic and Carboxylic groups. (2) Aldehydic and Ketonic
8	NOV	9,10	Organic Compound, Containing Nitrogen, Bio molecules	Tests for the functional groups present in organic compounds: (3) Alcoholic and Carboxylic groups. Aldehydic and Ketonic
9	DEC		Preboard examination revision	
10	JAN		Preboard examination revision	
11	FEB		Revision Exercise of sample paper	
12	MAR		Board Examination	