

AIR FORCE SCHOOL, BAMRAULI
Annual Split-Up of Syllabus
Academic Session 2026-27

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	(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 ,5	d and f block element, Coordination Compound	Qualitative analysis: Determination of one cation and one anion in a given salt. Cation – NH_4^+ Anions – CO_3^{2-} , S^{2-} , SO_3^{2-} , Cl^- , CH_3COO^- (Note: Insoluble salts excluded)

5	AUG	6,7	Haloalkane and Haloarenes, Alcohols, Phenols, Ethers	Characteristic tests of carbohydrates and proteins in the given foodstuffs. E Preparation of Inorganic Compounds- Potash Alum
6	SEP	8	Aldehyde, Ketones and Carboxylic Acid	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	9, 10	Organic Compound, Containing Nitrogen, Bio molecules	Tests for the functional groups present in organic compounds: (1) Alcoholic and Carboxylic groups. (2) Aldehydic and Ketonic
8	NOV		Preboard and revision	
9	DEC		Preboard examination revision	
10	JAN		Preboard examination revision	
11	FEB		Revision Exercise of sample paper	

12	MAR		Board Examination	
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