Bhartiya Vidya Mandir Sen. Sec. School,Sector 39, Chandigarh Road, Ludhiana									
CLASS - XII Stream-Science Subject: Chemistry Session :2024-2025 BOOK:									
lecture method,showing ppt. and by class activity with flashcards for naming reactions.		to write iupac naming,							
MAY	unit - 1 solution:Types of solution,Concentration of solution in different units,Henry's law and Raoults law , Ideal and non ideal solutions,Colligative Properties and Abnormal molecular mass	to understand various types of solution, concentration concept, application of Henry s law and Raoults law, differentiate between ideal and non-ideal solution, explainationof colligative properties and abnormal molecular masses.	brain storming questions, group discussion and lecture method. Showing ppt, by preparing solution of different concentrations in the lab.	m_campaign%3Dshare_content&co ntentId=do_3129862261113077761 92					

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JULY	Nernst equationElectrolytic conductors conductivity and molar conductivity,Kohlrausch's law, Electrolysis,Batteries and corrosion	using Nerst Equation to calculate the		ntentId=do_3130943582650204161 1533	the electrode potential, applying
	introduction and electronic	justify the position of d and f block elements in the periodic table and learn the electronic configuration of d and f block elements and their properties.	Group discussion	https://diksha.gov.in/play/collection/ do_31310347539048038411493?ref errer=utm_source%3Dmobile%26ut m_campaign%3Dshare_content&co ntentId=do_3129862266795950081 78	the general properties of the
AUGUST	nomenclature, Preparation & properties of	Describe and explain the reaction involved in the preparation and properties of alcohols, phenols and ethers	Brain storming questionare, lecture method, showing ppt., class activity with flashcards for naming reactions. Performing functional group (-OH) tests in lab.	https://diksha.gov.in/play/collection/ do_3131034753925365761754?refe rrer=utm_source%3Dmobile%26utm _campaign%3Dshare_content&cont entId=do_312986226870935552196	the preparation and properties of alcohols,phenols and ethers. Learner wil develop critical and
	compounds:nomenclature,isomerism and bonding in coordination compounds that is	Describe and predict the different type of isomerism ,understand the nature of bonding in coordination compound in terms of WCT,VBT and CFT		ntentId=do_3129862267447869441 79	the nature of bonding in

OCTOBER	UNIT- 8 Aldehydes , Ketones and Carboxylic acids:IUPAC nomenclature,preparation and properties of aldehyde ketones and distinguish between aldehyde, ketones and carboxylic acids	aldehyde, ketones and carboxylic acid and to understand chemical reaction.	reactions. Performing functional group aldehyde, ketone and carboxylic acid tests in lab.	https://diksha.gov.in/play/collection/ do_3131034753925365761754?refe rrer=utm_source%3Dmobile%26utm _campaign%3Dshare_content&cont entId=do_313123987786268672115 24	the preparation and properties of aldehydes , ketones and carboxylic acids. they will be able to distinguish between aldehydes and ketones.
NOVEMBER	UNIT-3 Chemical kinetics:Rate of the reaction,Average rate and instantaneous rate, Order and molecularity,Rate law ,Integrated rate expression for zero and first order reaction, Order and molecularity, Arrhenius equation and collision theory	define the rate constant and describe the dependence of the rate of reaction the concentration of reactants, drive integrated rate expression for zero and first order reaction, define half life time of reaction, correlate half life with rate constant initial concentration of one of the reactants	Brain storming questionare, lecture method, showing ppt., peformexperiment to check the rae of the reaction with timein the lab.	https://diksha.gov.in/play/collection/ do_31310347539048038411493?ref errer=utm_source%3Dmobile%26ut m_campaign%3Dshare_content&co ntentId=do_3131156467760005121 569	the different factors that decide the actual rate of the reaction. Student will develop analytical
DEC	UNIT- 9 Amines:IUPAC nomenclature,preparation and properties of amines and methods to distinguish amines	describe the important method of preparation and basic character of amines and its reaction with electrophiles and miscellaneous reactions	Brain storming questionare, lecture method, showing ppt., class activity with flashcards for naming reactions. Performing tests to distinguish primary, secondary and tertiary amunes in lab	https://diksha.gov.in/play/collection/ do_3131034753925365761754?refe rrer=utm_source%3Dmobile%26utm _campaign%3Dshare_content&cont entId=do_313129091859906560125 17	the test to distinguish between primary secondary and tertiary.student will develop
NAL	UNIT -10 Biomolecules:Carbohydrates , proteins andnucleic acids	the preparation structure and properties and uses of carbohydrates,describe primary secondary and tertiary structure of proteins list their function in human body, differentiate between DNA and RNA	Brain storming questionare, lecture method, showing ppt.,charts ,model of DNA in the lab.	do_3131034753925365761754?refe rrer=utm_source%3Dmobile%26utm _campaign%3Dshare_content&cont entId=do_313124018132443136111	and uses of carbohydrates. learners will be able to understand