

Lesson Planning for the 2nd semester w.e. f. January to April 2018.

Name of College :- Dronacharya Degree college

Name of Teacher with designation: - Deepika Bansal (A.P. chemistry)

Department: - CHEMISTRY

Class: - B.SC-(1st year)- 2nd sem

Subject:- Inorganic chemistry

Months	Topic / Chapter To Be Covered	Academic activity	Test/ assignment
January	Hydrogen bonding and Vander Waal's forces of attraction Metallic bond and semi-conductor	Class seminar	Class test
February	S- block elements Chemistry of NOBLE gases	Quiz	Assignment
March	P-block elements Boron family, carbon family and nitrogen Family	Class seminar	Class test
April	p-block elements oxygen family and halogen family	Quiz	Assignment

(Signature of the teacher concerned with date)

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Department: - CHEMISTRY

Class: - B.SC-(1st year)- 2nd sem

Subject:- physical chemistry

Months	Topic / Chapter To Be Covered	Academic activity	Test/ assignment
January	Kinetics (rate of reaction, rate equation and its Types, factors influencing the rate of reaction. Order of reaction, integrated rate expression.)	Class seminar	Class test
February	Kinetics(half life period of reactions, effect of temperature on rate of reaction. Theories of reaction-transitions state theory)	Quiz	Assignment
March	Electrochemistry (electrolytic conduction, factor affecting electrolytic conductance, specific conductance, molar conductance. Arrhenius theory of ionization ,Ostwald's dilution law.)	Class seminar	Class test
April	Electrochemistry (Debye-Huckel equation, application of Kohlrausch's law, application of conductivity measurement. Determination of degree of dissociation, solubility product. Buffer Solution, Handerson-Hazel equation.)	Quiz	Assignment

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Class: - B.SC-(1st year)- 2nd sem

Subject:- Organic chemistry

Months	Topic / Chapter To Be Covered	Academic activity	Test/ assignment
January	ALKENES	Class seminar	Class test
February	ARENES AND AROMATICITY	Quiz	Class test
March	DIENES AND ALKYNES	Class seminar	Assignment
April	ALKYL AND ARYL HALLIDES	Class seminar	Assignment

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Department: - CHEMISTRY

Class: - B.SC-(1st year)

Subject:-chemistry practical

Months	Topic / Chapter To Be Covered	Academic activity	Test/ assignment
January	Volumetric analysis 1. Preparations of reference solutions 2. Redox titrations 3. Iodometric titration	Practical performance Of students	
February	Paper chromatography Preparations Of organic compounds	Practical performance Of students	
March	To study of process of 1. Sublimation 2. Crystallization of camphor And phthallic acid	Practical performance Of students	
April	To determine surface tension and coefficient Of viscosity of liquid	Practical performance Of students	

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Class: - B.SC-(1st year)- 2nd sem

Subject:- Organic chemistry

Months	Topic / Chapter To Be Covered	Academic activity	Test/ assignment
January		seminar	Class test
February		Quiz	Class test
March		seminar	Assignment
April		seminar	Assignment

(Signature of the teacher concerned with date)

