

NBGSMS College
Lesson Plan July 2019- Nov 2019

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| Name of assistant Professor : | Ms. Diksha Pahuja |
| Class : | B.Sc. (Non-medical) |
| Semester: | I |
| Subject: | Inorganic & Organic Chemistry |

| | Day | Date | Topic |
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| 1st Week | 1 | 16-Jul-19 | Valence bond theory |
| | 2 | 17-Jul-19 | |
| | 3 | 18-Jul-19 | Valence bond theory -limitations |
| | 4 | 19-Jul-19 | |
| | 5 | 20-Jul-19 | Directional characteristics of covalent bond |
| | Sunday | 21-Jul-19 | |
| 2nd Week | 1 | 22-Jul-19 | Shapes of simple inorganic molecules and ions (BeF ₂ , BF ₃ , CH ₄ , PF ₅ , SF ₆ , IF ₇ , SO ₄ ²⁻ , ClO ₄ ⁻ |
| | 2 | 23-Jul-19 | Continue |
| | 3 | 24-Jul-19 | |
| | 4 | 25-Jul-19 | Revision |
| | 5 | 26-Jul-19 | |
| | 6 | 27-Jul-19 | Valence shell electron pair repulsion (VSEPR) theory to NH ₃ , H ₃ O ⁺ , SF ₄ , ClF ₃ , ICl ₂ ⁻ and H ₂ O |
| Sunday | 28-Jul-19 | | |
| 3rd week | 1 | 29-Jul-19 | Continue |
| | 2 | 30-Jul-19 | MO theory of heteronuclear (CO and NO) diatomic molecules |
| | 3 | 31-Jul-19 | Holiday |
| | 4 | 01-Aug-19 | Continue |
| | 5 | 02-Aug-19 | |
| | 6 | 03-Aug-19 | Presentation |
| Sunday | 04-Aug-19 | | |
| 4th week | 1 | 05-Aug-19 | Bond strength and bond energy |
| | 2 | 06-Aug-19 | Class test-1 |
| | 3 | 07-Aug-19 | |
| | 4 | 08-Aug-19 | Test Discussion |
| | 5 | 09-Aug-19 | |
| | 6 | 10-Aug-19 | Presentation |
| Sunday | 11-Aug-19 | | |
| 5th week | 1 | 12-Aug-19 | Holiday |
| | 2 | 13-Aug-19 | Percentage ionic character from dipole moment |
| | 3 | 14-Aug-19 | |
| | 4 | 15-Aug-19 | Holiday |
| | 5 | 16-Aug-19 | |
| | 6 | 17-Aug-19 | Percentage ionic character from electronegativity difference |
| Sunday | 18-Aug-19 | | |
| 6th week | 1 | 19-Aug-19 | Ionic structures (NaCl, CsCl, ZnS(Zinc Blende), CaF ₂) |
| | 2 | 20-Aug-19 | Continue |
| | 3 | 21-Aug-19 | |
| | 4 | 22-Aug-19 | Class test -2 |
| | 5 | 23-Aug-19 | |
| | 6 | 24-Aug-19 | Holiday |
| Sunday | 25-Aug-19 | | |
| 7th week | 1 | 26-Aug-19 | Test Discussion |
| | 2 | 27-Aug-19 | Radius ratio effect and coordination number |
| | 3 | 28-Aug-19 | |
| | 4 | 29-Aug-19 | Limitation of radius ratio rule |
| | 5 | 30-Aug-19 | |
| | 6 | 31-Aug-19 | Presentation |
| Sunday | 01-Sep-19 | | |
| 8th week | 1 | 02-Sep-19 | Lattice defects |
| | 2 | 03-Sep-19 | Semiconductors |
| | 3 | 04-Sep-19 | |

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| | 4 | 05-Sep-19 | lattice energy (mathematical derivation excluded) |
| | 5 | 06-Sep-19 | |
| | 6 | 07-Sep-19 | Presentation |
| | Sunday | 08-Sep-19 | |
| 9th week | 1 | 09-Sep-19 | Born-Haber cycle |
| | 2 | 10-Sep-19 | Solvation energy |
| | 3 | 11-Sep-19 | |
| | 4 | 12-Sep-19 | Solvation energy and its relation with solubility of ionic solids |
| | 5 | 13-Sep-19 | |
| | 6 | 14-Sep-19 | Polarizing power and Polarizability of ions |
| | Sunday | 15-Sep-19 | |
| 10th week | 1 | 16-Sep-19 | Fajan's rule |
| | 2 | 17-Sep-19 | Revision |
| | 3 | 18-Sep-19 | |
| | 4 | 19-Sep-19 | Full syllabus test |
| | 5 | 20-Sep-19 | |
| | 6 | 21-Sep-19 | Previous year exam question discussion |
| | Sunday | 22-Sep-19 | |
| 11th week | 1 | 23-Sep-19 | Holiday |
| | 2 | 24-Sep-19 | Localized and delocalized chemical bond, van der Waals interactions, resonance: conditions |
| | 3 | 25-Sep-19 | |
| | 4 | 26-Sep-19 | Resonance effect & its applications, hyperconjugation, inductive effect |
| | 5 | 27-Sep-19 | |
| | 6 | 28-Sep-19 | Electromeric effect & their comparison, Concept & types of isomerism |
| | Sunday | 29-Sep-19 | |
| 12th week | 1 | 30-Sep-19 | Properties of enantiomers, chiral and achiral molecules with two stereogenic centres, diastereomers |
| | 2 | 01-Oct-19 | Optical isomerism elements of symmetry, molecular chirality, enantiomers, stereogenic centre, optical activity |
| | 3 | 02-Oct-19 | Holiday |
| | 4 | 03-Oct-19 | Threo and erythro diastereomers, meso compounds, resolution of enantiomers, inversion, retention and racemization. |
| | 5 | 04-Oct-19 | |
| | 6 | 05-Oct-19 | Relative and absolute configuration, sequence rules, R & S systems of nomenclature. Geometric isomerism determination of configuration of geometric isomers |
| | Sunday | 06-Oct-19 | |
| 13th week | 1 | 07-Oct-19 | E & Z system of nomenclature, Conformational isomerism conformational analysis of ethane and n-butane |
| | 2 | 08-Oct-19 | Holiday |
| | 3 | 09-Oct-19 | |
| | 4 | 10-Oct-19 | Conformations of cyclohexane, axial and equatorial bonds, Newman projection and Sawhorse formulae, Difference between configuration and conformation. |
| | 5 | 11-Oct-19 | |
| | 6 | 12-Oct-19 | Curved arrow notation, drawing electron movements with arrows, half-headed and double-headed arrows, |
| | Sunday | 13-Oct-19 | |
| 14th week | 1 | 14-Oct-19 | Homolytic and heterolytic bond breaking, Types of reagents electrophiles and nucleophiles. Types of organic reactions. Energy considerations. Reactive intermediates |
| | 2 | 15-Oct-19 | Reactive intermediates - carbocations, carbanions, free radicals, carbenes |
| | 3 | 16-Oct-19 | |
| | 4 | 17-Oct-19 | Holiday |
| | 5 | 18-Oct-19 | |
| | 6 | 19-Oct-19 | Arynes and nitrenes (formation, structure & stability). Assigning formal charges on intermediates and other ionic species |
| | Sunday | 20-Oct-19 | |
| 15th week | 1 | 21-Oct-19 | IUPAC nomenclature of branched and unbranched alkanes, the alkyl group |
| | 2 | 22-Oct-19 | Classification of carbon atoms in alkanes. Isomerism in alkanes, sources, |

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| | 3 | 23-Oct-19 | Methods of formation (with special reference to Wurtz reaction) |
| | 4 | 24-Oct-19 | Vacations |
| | 5 | 25-Oct-19 | Vacations |
| | 6 | 26-Oct-19 | Vacations |
| | Sunday | 27-Oct-19 | |
| 16th week | 1 | 28-Oct-19 | Vacations |
| | 2 | 29-Oct-19 | Vacations |
| | 3 | 30-Oct-19 | Vacations |
| | 4 | 31-Oct-19 | Kolbe reaction, Corey-House reaction and decarboxylation of carboxylic acids), physical properties. |
| | 5 | 01-Nov-19 | Holiday |
| | 6 | 02-Nov-19 | Cycloalkanes nomenclature, synthesis of cycloalkanes and their derivatives –photochemical (2+2) cycloaddition reactions, , dehalogenation of α,ω -dihalides |
| | Sunday | 03-Nov-19 | |
| 17th week | 1 | 04-Nov-19 | Pyrolysis of calcium or barium salts of dicarboxylic acids, Baeyer's strain theory and its limitations., theory of strainless rings. |
| | 2 | 05-Nov-19 | Previous year question paper discussion |
| | 3 | 06-Nov-19 | |
| | 4 | 07-Nov-19 | Full Syllabus Test-1 |
| | 5 | 08-Nov-19 | |
| | 6 | 09-Nov-19 | Full Syllabus Test-2 |
| | Sunday | 10-Nov-19 | |
| 18th week | 1 | 11-Nov-19 | Extra class |
| | 2 | 12-Nov-19 | Extra class |
| | 3 | 13-Nov-19 | Extra class |
| | 4 | 14-Nov-19 | Extra class |
| | 5 | 15-Nov-19 | Extra class |
| | 6 | 16-Nov-19 | Extra class |
| | Sunday | 17-Nov-19 | |
| Name of assistant Professor : | Ms. Diksha Pahuja | | |
| Class : | B.Sc. (Non-medical) | | |
| Semester: | III | | |
| Subject: | Inorganic & Organic Chemistry | | |
| | Day | Date | Topic |
| 1st Week | 1 | 16-Jul-19 | Practicals |
| | 2 | 17-Jul-19 | Werner's coordination theory |
| | 3 | 18-Jul-19 | Effective atomic number concept |
| | 4 | 19-Jul-19 | Chelates |
| | 5 | 20-Jul-19 | Nomenclature of coordination compounds |
| | Sunday | 21-Jul-19 | |
| 2nd Week | 1 | 22-Jul-19 | Isomerism in coordination compounds |
| | 2 | 23-Jul-19 | Practicals |
| | 3 | 24-Jul-19 | Bond theory of transition metal complexes |
| | 4 | 25-Jul-19 | Physical properties of a solvent |
| | 5 | 26-Jul-19 | Types of solvents and their general characteristics |
| | 6 | 27-Jul-19 | Effective atomic number concept |
| | Sunday | 28-Jul-19 | |
| 3rd week | 1 | 29-Jul-19 | Chelates, nomenclature of coordination compounds |
| | 2 | 30-Jul-19 | Isomerism in coordination compounds |
| | 3 | 31-Jul-19 | Holiday |
| | 4 | 01-Aug-19 | Valence bond theory of transition metal complexes |
| | 5 | 02-Aug-19 | Physical properties of a solvent, types of solvents and their characteristics |
| | 6 | 03-Aug-19 | Characteristics of solvent |
| | Sunday | 04-Aug-19 | |
| 4th week | 1 | 05-Aug-19 | Reactions in non-aqueous solvents with reference to liquid NH ₃ and liquid SO ₂ |
| | 2 | 06-Aug-19 | Continue |
| | 3 | 07-Aug-19 | Class test |
| | 4 | 08-Aug-19 | Test Discussion |
| | 5 | 09-Aug-19 | Monohydric alcohols - nomenclature |
| | 6 | 10-Aug-19 | Presentation |

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| | Sunday | 11-Aug-19 | |
| 5th week | 1 | 12-Aug-19 | Holiday |
| | 2 | 13-Aug-19 | Practical |
| | 3 | 14-Aug-19 | Methods of formation by reduction of aldehydes, ketones, carboxylic acids and esters |
| | 4 | 15-Aug-19 | Holiday |
| | 5 | 16-Aug-19 | Hydrogen bonding. Acidic nature |
| | 6 | 17-Aug-19 | Presentation |
| | Sunday | 18-Aug-19 | |
| 6th week | 1 | 19-Aug-19 | Reactions of alcohols. Dihydric alcohols — nomenclature |
| | 2 | 20-Aug-19 | Practicals |
| | 3 | 21-Aug-19 | Oxidative cleavage [Pb(OAc) ₄ and HIO ₄ |
| | 4 | 22-Aug-19 | Pinacol-pinacolone rearrangement |
| | 5 | 23-Aug-19 | Methods of formation, chemical reactions of vicinal glycols |
| | 6 | 24-Aug-19 | Holiday |
| | Sunday | 25-Aug-19 | |
| 7th week | 1 | 26-Aug-19 | Synthesis of epoxides. Acid and base-catalyzed ring opening of epoxides |
| | 2 | 27-Aug-19 | Practicals |
| | 3 | 28-Aug-19 | Class test |
| | 4 | 29-Aug-19 | Test discussion |
| | 5 | 30-Aug-19 | Orientation of epoxide ring opening |
| | 6 | 31-Aug-19 | Presentation |
| | Sunday | 01-Sep-19 | |
| 8th week | 1 | 02-Sep-19 | Reactions of Grignard and organolithium reagents with epoxides |
| | 2 | 03-Sep-19 | Practicals |
| | 3 | 04-Sep-19 | Nomenclature, structure and bonding |
| | 4 | 05-Sep-19 | Physical properties and acidic character |
| | 5 | 06-Sep-19 | Comparative acidic strengths of alcohols and phenols |
| | 6 | 07-Sep-19 | Presentation |
| | Sunday | 08-Sep-19 | |
| 9th week | 1 | 09-Sep-19 | Resonance stabilization of phenoxide ion. Reactions of phenols electrophilic aromatic substitution |
| | 2 | 10-Sep-19 | Practicals |
| | 3 | 11-Sep-19 | Mechanisms of Fries rearrangement |
| | 4 | 12-Sep-19 | Claisen rearrangement |
| | 5 | 13-Sep-19 | Reimer-Tiemann reaction, Kolbe's reaction |
| | 6 | 14-Sep-19 | Presentation |
| | Sunday | 15-Sep-19 | |
| 10th week | 1 | 16-Sep-19 | Schotten and Baumann reactions |
| | 2 | 17-Sep-19 | Practicals |
| | 3 | 18-Sep-19 | Absorption laws (Beer-Lambert law), molar absorptivity |
| | 4 | 19-Sep-19 | Presentation and analysis of UV spectra, types of electronic transitions, effect of conjugation. Concept of chromophore and auxochrome. |
| | 5 | 20-Sep-19 | Bathochromic, hypsochromic, hyperchromic and hypochromic shifts |
| | 6 | 21-Sep-19 | Presentation |
| | Sunday | 22-Sep-19 | |
| 11th week | 1 | 23-Sep-19 | Holiday |
| | 2 | 24-Sep-19 | Practicals |
| | 3 | 25-Sep-19 | UV spectra of conjugated enes and enones |
| | 4 | 26-Sep-19 | Woodward-Fieser rules, calculation of λ_{max} of simple conjugated dienes |
| | 5 | 27-Sep-19 | Class test |
| | 6 | 28-Sep-19 | Presentation |
| | Sunday | 29-Sep-19 | |
| 12th week | 1 | 30-Sep-19 | α,β -unsaturated ketones |
| | 2 | 01-Oct-19 | Practicals |
| | 3 | 02-Oct-19 | Holiday |
| | 4 | 03-Oct-19 | Applications of UV Spectroscopy in structure elucidation of simple organic compounds. |
| | 5 | 04-Oct-19 | Test discussion |

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| | 6 | 05-Oct-19 | Presentation |
| | Sunday | 06-Oct-19 | |
| 13th week | 1 | 07-Oct-19 | Nomenclature of Carboxylic acids |
| | 2 | 08-Oct-19 | Holiday |
| | 3 | 09-Oct-19 | Structure and bonding |
| | 4 | 10-Oct-19 | Physical properties, acidity of carboxylic acids |
| | 5 | 11-Oct-19 | Effects of substituents on acid strength, Preparation of carboxylic acid |
| | 6 | 12-Oct-19 | Reactions of carboxylic acids |
| | Sunday | 13-Oct-19 | |
| 14th week | 1 | 14-Oct-19 | Hell-Volhard-Zelinsky reaction |
| | 2 | 15-Oct-19 | Practicals |
| | 3 | 16-Oct-19 | Reduction of carboxylic acids. Mechanism of decarboxylation |
| | 4 | 17-Oct-19 | Holiday |
| | 5 | 18-Oct-19 | Structure , nomenclature and preparation of acid chlorides |
| | 6 | 19-Oct-19 | Structure , nomenclature and preparation of esters |
| | Sunday | 20-Oct-19 | |
| 15th week | 1 | 21-Oct-19 | Structure, nomenclature and preparation of amides |
| | 2 | 22-Oct-19 | Practicals |
| | 3 | 23-Oct-19 | Structure , nomenclature and preparation of acid anhydrides |
| | 4 | 24-Oct-19 | Vacations |
| | 5 | 25-Oct-19 | Vacations |
| | 6 | 26-Oct-19 | Vacations |
| | Sunday | 27-Oct-19 | |
| 16th week | 1 | 28-Oct-19 | Vacations |
| | 2 | 29-Oct-19 | Vacations |
| | 3 | 30-Oct-19 | Vacations |
| | 4 | 31-Oct-19 | Relative stability of acyl derivatives |
| | 5 | 01-Nov-19 | Holiday |
| | 6 | 02-Nov-19 | Physical properties, interconversion of acid derivatives by nucleophilic acyl substitution. |
| | Sunday | 03-Nov-19 | |
| 17th week | 1 | 04-Nov-19 | Acidic hydrolysis of hydrolysis |
| | 2 | 05-Nov-19 | Practicals |
| | 3 | 06-Nov-19 | Basic hydrolysis of hydrolysis |
| | 4 | 07-Nov-19 | Class test |
| | 5 | 08-Nov-19 | Test discussion |
| | 6 | 09-Nov-19 | Previous year exam paper discussion |
| | Sunday | 10-Nov-19 | |
| 18th week | 1 | 11-Nov-19 | Extra class |
| | 2 | 12-Nov-19 | Extra class |
| | 3 | 13-Nov-19 | Extra class |
| | 4 | 14-Nov-19 | Extra class |
| | 5 | 15-Nov-19 | Extra class |
| | 6 | 16-Nov-19 | Extra class |
| | Sunday | 17-Nov-19 | |
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| Name of assistant Professor : | Ms. Diksha Pahuja |
| Class : | B.Sc. (Non-Medical) |
| Semester: | V |
| Subject: | Organic and Inorganic Chemistry |

| | Day | Date | Topic |
|-----------------|---------------|-----------|---|
| 1st Week | 1 | 16-Jul-19 | Principle of nuclear magnetic resonance, The PMR spectrum |
| | 2 | 17-Jul-19 | Number of signals, peak areas |
| | 3 | 18-Jul-19 | Equivalent and nonequivalent protons positions of signals |
| | 4 | 19-Jul-19 | Practical |
| | 5 | 20-Jul-19 | Chemical shift, shielding and deshielding of protons, Proton counting |
| | Sunday | 21-Jul-19 | |
| 2nd Week | 1 | 22-Jul-19 | Splitting of signals & coupling constants |
| | 2 | 23-Jul-19 | Magnetic equivalence of protons |

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| | 3 | 24-Jul-19 | Discussion of PMR spectra of the molecules: ethyl bromide, neopropyl bromide, isopropyl bromide, 1,1-dibromoethane, 1,1,2-tribromoethane |
| | 4 | 25-Jul-19 | Ethanol, acetaldehyde, ethyl acetate, toluene, benzaldehyde and acetophenone |
| | 5 | 26-Jul-19 | Practical |
| | 6 | 27-Jul-19 | Simple problems on PMR spectroscopy for structure determination of organic compounds. |
| | Sunday | 28-Jul-19 | |
| 3rd week | 1 | 29-Jul-19 | Classification and nomenclature. Monosaccharides |
| | 2 | 30-Jul-19 | Class test |
| | 3 | 31-Jul-19 | Holiday |
| | 4 | 01-Aug-19 | Test Discussion |
| | 5 | 02-Aug-19 | Practical |
| | 6 | 03-Aug-19 | Mechanism of osazone formation |
| | Sunday | 04-Aug-19 | |
| 4th week | 1 | 05-Aug-19 | Interconversion of glucose and fructose |
| | 2 | 06-Aug-19 | Chain lengthening and chain shortening of aldoses. Configuration of monosaccharides |
| | 3 | 07-Aug-19 | Erythro and threo diastereomers |
| | 4 | 08-Aug-19 | Interconversion of glucose and fructose |
| | 5 | 09-Aug-19 | Practical |
| | 6 | 10-Aug-19 | Presentation |
| | Sunday | 11-Aug-19 | |
| 5th week | 1 | 12-Aug-19 | Holiday |
| | 2 | 13-Aug-19 | Chain lengthening and chain shortening of aldoses |
| | 3 | 14-Aug-19 | Configuration of monosaccharides |
| | 4 | 15-Aug-19 | Holiday |
| | 5 | 16-Aug-19 | Practical |
| | 6 | 17-Aug-19 | Presentation |
| | Sunday | 18-Aug-19 | |
| 6th week | 1 | 19-Aug-19 | Erythro and threo diastereomers, Conversion of glucose into mannose |
| | 2 | 20-Aug-19 | Formation of glycosides, ethers and esters. |
| | 3 | 21-Aug-19 | Determination of ring size of glucose and fructose. Open chain and cyclic structure of D(+)-glucose & D(-) fructose |
| | 4 | 22-Aug-19 | Mechanism of mutarotation, Structures of ribose and deoxyribose. |
| | 5 | 23-Aug-19 | Practical |
| | 6 | 24-Aug-19 | Holiday |
| | Sunday | 25-Aug-19 | |
| 7th week | 1 | 26-Aug-19 | An introduction to disaccharides (maltose, sucrose and lactose) |
| | 2 | 27-Aug-19 | Open chain and cyclic structure of D(+)-glucose & D(-) fructose |
| | 3 | 28-Aug-19 | Mechanism of mutarotation |
| | 4 | 29-Aug-19 | Structures of ribose and deoxyribose |
| | 5 | 30-Aug-19 | Practical |
| | 6 | 31-Aug-19 | Presentation |
| | Sunday | 01-Sep-19 | |
| 8th week | 1 | 02-Sep-19 | Class test |
| | 2 | 03-Sep-19 | Test discussion |
| | 3 | 04-Sep-19 | An introduction to disaccharides |
| | 4 | 05-Sep-19 | Maltose, sucrose and lactose |
| | 5 | 06-Sep-19 | Practical |
| | 6 | 07-Sep-19 | Presentation |
| | Sunday | 08-Sep-19 | |
| 9th week | 1 | 09-Sep-19 | Polysaccharides (starch and cellulose) without involving structure determination |
| | 2 | 10-Sep-19 | Organomagnesium compounds: the Grignard reagents-formation, structure and chemical reactions |
| | 3 | 11-Sep-19 | Continue |
| | 4 | 12-Sep-19 | Organozinc compounds: formation and chemical reactions. Organolithium compounds: formation and chemical reactions |
| | 5 | 13-Sep-19 | Practical |
| | 6 | 14-Sep-19 | Continue |

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| | Sunday | 15-Sep-19 | |
| 10th week | 1 | 16-Sep-19 | Class test |
| | 2 | 17-Sep-19 | Test discussion |
| | 3 | 18-Sep-19 | Assignment doubts |
| | 4 | 19-Sep-19 | Revision |
| | 5 | 20-Sep-19 | Practical |
| | 6 | 21-Sep-19 | Presentation |
| | Sunday | 22-Sep-19 | |
| 11th week | 1 | 23-Sep-19 | Holiday |
| | 2 | 24-Sep-19 | Essential and trace elements in biological processes |
| | 3 | 25-Sep-19 | Metalloporphyrins with special reference to haemoglobin and myoglobin. |
| | 4 | 26-Sep-19 | Biological role of alkali and alkaline earth metal ions with special reference to Ca ²⁺ |
| | 5 | 27-Sep-19 | Practical |
| | 6 | 28-Sep-19 | Nitrogen fixation |
| | Sunday | 29-Sep-19 | |
| 12th week | 1 | 30-Sep-19 | Revision |
| | 2 | 01-Oct-19 | Class test |
| | 3 | 02-Oct-19 | Holiday |
| | 4 | 03-Oct-19 | Test discussion |
| | 5 | 04-Oct-19 | Practical |
| | 6 | 05-Oct-19 | Presentation |
| | Sunday | 06-Oct-19 | |
| 13th week | 1 | 07-Oct-19 | Silicones |
| | 2 | 08-Oct-19 | Holiday |
| | 3 | 09-Oct-19 | Continue |
| | 4 | 10-Oct-19 | Phosphazenes |
| | 5 | 11-Oct-19 | Practical |
| | 6 | 12-Oct-19 | Presentation |
| | Sunday | 13-Oct-19 | |
| 14th week | 1 | 14-Oct-19 | Their preparation |
| | 2 | 15-Oct-19 | Doubt Class |
| | 3 | 16-Oct-19 | Previous year question paper discussion |
| | 4 | 17-Oct-19 | Holiday |
| | 5 | 18-Oct-19 | Practical |
| | 6 | 19-Oct-19 | Presentation |
| | Sunday | 20-Oct-19 | |
| 15th week | 1 | 21-Oct-19 | Properties |
| | 2 | 22-Oct-19 | Structure of silicones |
| | 3 | 23-Oct-19 | Class test |
| | 4 | 24-Oct-19 | Vacations |
| | 5 | 25-Oct-19 | Vacations |
| | 6 | 26-Oct-19 | Vacations |
| | Sunday | 27-Oct-19 | |
| 16th week | 1 | 28-Oct-19 | Vacations |
| | 2 | 29-Oct-19 | Vacations |
| | 3 | 30-Oct-19 | Vacations |
| | 4 | 31-Oct-19 | Test discussion |
| | 5 | 01-Nov-19 | Holiday |
| | 6 | 02-Nov-19 | Revision |
| | Sunday | 03-Nov-19 | |
| 17th week | 1 | 04-Nov-19 | Full syllabus test |
| | 2 | 05-Nov-19 | Test Discussion |
| | 3 | 06-Nov-19 | Previous year question paper discussion |
| | 4 | 07-Nov-19 | Previous year question paper discussion |
| | 5 | 08-Nov-19 | Practical |
| | 6 | 09-Nov-19 | Revision |
| | Sunday | 10-Nov-19 | |
| 18th week | 1 | 11-Nov-19 | Extra Class |
| | 2 | 12-Nov-19 | Extra Class |
| | 3 | 13-Nov-19 | Extra Class |

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| | 4 | 14-Nov-19 | Extra Class |
| | 5 | 15-Nov-19 | Extra Class |
| | 6 | 16-Nov-19 | Extra Class |
| | Sunday | 17-Nov-19 | |