

Expt. No. .... Date July 2018, Aug 2018

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16 July <sup>2018</sup>	Inorganic chemistry
17 Jul	Idea of de-Broglie matter waves
18 Jul	Heisenberg Uncertainty principle.
19 Jul	Quantum Numbers, shapes of orbital.
20 Jul	Periodic properties
21 Jul	Contd.
22 Jul	Sunday
23 Jul	Contd.
24 Jul	Electronic Configuration
25 Jul	Slater's Rules
26 Jul	Ionization energy
27 Jul	Electron Affinity, Electronegativity
28 Jul	Covalent Bond
29 Jul	Sunday
30 Jul	VBT Theory
31 Jul	Udham Singh Jayanti
1 Aug	MOT Theory
2 Aug	VSEPR Theory
3 Aug	Ionic solids
4 Aug	NaCl, CsCl, ZnS, CaF <sub>2</sub> structure
5 Aug	Sunday
6 Aug	Semiconductors
7 Aug	Defects
8 Aug	Lattice Energy - Born-Haber Cycle
9 Aug	Fajan Rule
10 Aug	Gaseous states (Physical Chemistry)

Remarks .....

Teacher's Signature .....

11 Aug	Maxwell distribution of velocity and Energy.
12 Aug	Sunday
13 Aug	Teej Celebration
14 Aug	Collision theory
15 Aug	Independence Day Celebration
16 Aug	Vander Waal's Equation
17 Aug	Boyle's temperature
18 Aug	Critical phenomenon
19 Aug	Sunday
20 Aug	Critical temperature, Pressure, volume.
21 Aug	Liquidification of gases
22 Aug	Liquid states
23 Aug	Surface tension
24 Aug	Viscosity
25 Aug	Optical Rotation
26 Aug	Sunday
27 Aug	Solid States
28 Aug	Law of Crystallography
29 Aug	Law of interfacial angles
30 Aug	Bravais lattice
31 Aug	Crystal structure of NaCl
1 Sept	Liquid Crystal
2 Sept	Sunday
3 Sept	Application of Liquid Crystal
4 Sept	Organic Chemistry
5 Sept	Structure and Bonding
6 Sept	Localised and Delocalized Bond

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Sept-Oct. 2018

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07.09.18	Resonance Effect
08.09.18	Hyperconjugation
09.09.18	Sunday
10.09.18	Electromeric Effect
11.09.18	Stereochemistry of organic compound-I
12.09.18	Optical Isomerism
13.09.18	Molecular chirality
14.09.18	enantiomerism
15.09.18	Inversion, retention, Racemization
16.09.18	Sunday
17.09.18	Stereochemistry of organic Compound-II
18.09.18	R and S system of Nomenclature
19.09.18	E and Z system
20.09.18	Cis and trans system.
21.09.18	Conformation of cyclohexane
22.09.18	Newman Projection
23.09.18	Sunday
24.09.18	Sawhorse formulae
25.09.18	Mechanism of organic Rxn.
26.09.18	Bond cleavage
27.09.18	Homolytic
28.09.18	Heterolytic
29.09.18	Mechanism of organic Rxn.
30.09.18	Sunday
01.10.18	Formal charge
02.10.18	Mahatma Gandhi Jayanti

Remarks .....

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03.10.18	Alkanes and Cycloalkane
04.10.18	Nomenclature
5.10.2018	classification
6.10.18	Reactivity
7.10.18	Sunday
8.10.18	structure
9.10.18	stability
10.10.18	Carey - House Rxn
11.10.18	Kolbe Rxn
12.10.18	Wurtz Rxn
13.10.18	Physical Properties
14.10.18	Sunday
15.10.18	Cycloalkane
16.10.18	Synthesis
17.10.18	Properties
18.10.18	— test
19.10.18	dehalogenation
20.10.18	Bayer's strain theory
21.10.18	Sunday
22.10.18	Pyrolysis of calcium salt.
23.10.18	Theory of strainless Ring.
24.10.18	Photochemical addition Rxn
25.10.18	Cyclo addition (2+2) Rxn
26.10.18	Cyclo addition (4+2) Rxn
27.10.18	Contd.
28.10.18	Sunday
29.10.18	Test.

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Oct. - Nov. 2018

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30.10.18	Synthesis of Organic Compound.
31.10.18	Contd.
1.11.18	Revision
2.11.18	Revision
3.11.18	Revision
4.11.18	Sunday
5.11.18	Numerical Practice

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Remarks .....

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