

Chemistry 1st paper (code:176)

Lesson Plan (Test-2021)

Session: 2019-20 (Class XII)

Total weeks: 10

Total class: 18

Lecture no.	Chapter name	Topics
1	Qualitative Chemistry	Atomic model(both), Spectrum Theory & mathematical problem.
2		Quantum number (calculation of electron number & orbital number)
3		Aufbau principle & Hund's rule(application).
4		Ion identification (both cation & anion)
5		Solubility: solubility product, ppt. (theory & math)
6	Test: CQ & MCQ	
7	Periodic properties of elements & Chemical bonds	Ionization energy & its exceptional.
8		Electron affinity & its exceptional, Atomic radius.
9		Hybridization: sp^3 , sp^2 , sp $CH_4, H_2O, NH_4^+, BF_4^-, BCl_3$
10		Fajan's rule.
11		d-block elements & transition metal. (complex compound, colorful compound)
12	Test: CQ & MCQ	
13	Chemical changes	Rate of rx & La-Chatellier 's principle.
14		Establish the rx of K_p & K_c .
15		Calculation the value of K_p & K_c .
16		Buffer solution. (theory & math)
17		Hess's law & its application.
18	Test: CQ & MCQ	