**Revision questions on Calculation and Hydrocarbons test**

1. Revise ions to learn (Blue) sheet.
2. Practise balance the equations questions along with physical states
3. Practise calculations connected with number of moles, molar mass and Avogadro number
4. General formula for alkanes and alkenes
5. All Chemical reactions of alkanes, alkenes and Benzene. Learn equations along with conditions.
6. Naming and writing structural formulae of alkanes and alkenes including branched chains.
7. Reaction of alkene with Bromine water
8. Revise significant figures and learn how to write numerical values in 3 significant figures.
9. Revise all calculations questions using Set: 22, 23, 24, 25 and 29 from Exploring Chemistry

(Yellow) text book

1. Revise writing formulas questions
2. What happens when solid ammonium nitrate dissolves in water? Show with the help of a chemical equation.
3. Percentage by mass calculation questions
4. Revise structural formulae of chlorobenzene, bromobenzene, fluorobenzene etc.
5. Structural isomers of butane
6. Reaction of an alkene with water
7. Reaction of chlorine with alkyl benzene
8. Reaction between a small amount of an alkane (methyl propane) with excess of halogen. Show with the help of a balanced equation
9. Element M is a metallic element which forms positive ions. The formula of a chloride salt of Element M is MCℓ2. What is the formula of a sulfate salt of M?
10. Substitution reactions of alkanes and benzene and addition reactions of alkenes.
11. Chemical formula of Iodine, Lithium phosphate, Bromoethane , Methyl benzene and Chlorine
12. Drawing structure and naming hydrocarbons
13. Examples of aromatic hydrocarbons along with structural formulae