# SSR DEGREE COLLEGE (AUTONOMOUS)
## SEMESTER-I
## Unit Wise Important Questions

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Unit-1

1. Write about classification of carbides

2. Explain types of oxides

3. Write a note on inter halogen compounds. and pseudo halogens, poly halides

4. Explain xenon fluoride, xenon oxide,xenon oxy fluoride

5. Explain Acidic strength of Oxy acids of chlorine

Unit-2

1 Write a preparation of alkane from grignard reagent and Explain its reactivity and selectivity

2.Explain saitzeff's rule with example and mechanism

3. Explain markovnikov's rule and anti morkonikov's rule Withsuitable examples

4. Explain ozonolysis, osmium tetroxide,cold.dil.alk kmno4

5. Explain Tautomarism in alkynes,oxidation , reduction reactions

6. Write a note on aromaticity with examples

7. What is orientation?Explain the different orientations with examples

8. Explain electrophilic substitution reactions on benzene

Unit -3

1. Explain debroglie's equation and heisenberg's uncertainty principle

2. Write the differences between order and molecularity with examples

3. What is rate of reaction write the factors affecting the rate of reaction

4. Explain zero, first , second order reactions and their half life equations with examples

5. Explain grothus drapper's law,stark einsten's law

6. What is Quantum yield? explain quantum yield of H2-Cl2,H2-Br2 to reaction?

7. Write about joblonki's diagram?

8.explain terms Fluorescence and phosphorescene

Unit-4

1.What are neutralisation titation explain?

2. Define indicators, write a note on indicators which are used in different Titrations

3. What is isomorism explain structural isomarism with examples

4. What is conformational isomorism explain in ethane, 2-chloro ethanol,1,2 di bromo ethane,n-Butane

5. Explain geometrical isomorism with examples

6. What is enantiomers and diastereomers give examples

7. What is adsorption write differences between physical and chemical adsorption

8. What is collides?Explain lyophilic,lyophobic collides?

9. Explain the terms Tyndall effect,brownian moment,electro phorosis,gold number,jels,emulsions

10. Describe langmuir's theory of adsorption

11. Explain TRUE solutions, suspensions, colloids.