



Note: - Submission Date is first week after January 11, 2021 or whenever the college will re-open.

Class: Second Year

Subject: Chemistry

Assignment For Week-1

Q-1 Answer the following short questions:

- I. CCl_4 is not hydrolyzed but SiCl_4 is readily hydrolyzed, why?
- II. What are amphoteric oxides? Explain with examples.
- III. PbCl_2 is an ionic compound but PbCl_4 is fairly covalent, explain?

Q-2 How Beryllium differs from other members of its group?

Q-3 Discuss in detail acid-base trend in group IV oxides.

Assignment For Week-2

Q-1 Answer the following short questions:

- I. Why alkanes are relatively chemically inert?
- II. What is cis-trans isomerism?
- III. How we can test double bond in alkenes?

Q-2 Write any two methods for the preparation of alkenes?

Q-3 what is structural isomerism? Explain different types of isomerism?

Assignment For Week-3

Q-1 Answer the following short questions:

- I. What is Markownikov's rule? Explain with an example?
- II. What is Raney's nickel?
- III. How we can locate position of double bond in alkenes?

Q-2 Terminal alkynes are more acidic than other alkynes, explain?

Q-3 Explain Friedal Crafts alkylation and acylation with complete mechanism.