

Assignment-1

Semester -3

Paper: CHE-HC-3034

Marks:15

- Q1. What do you mean by molecularity and order of a reaction? 2
- Q2. For a first order reaction $aA \rightarrow P$, derive integrated rate expression for the rate constant.
2
- Q3. Show that the half life period of a first order reaction is constant. 3
- Q4. Calculate the half life of a nth reaction of first order type. 3
- Q5. Write notes on steady state expression (SSA) 2
- Q6. Derive the rate constant expression for the parallel reaction. 3

NB:. Submit the assignment to the whatsapp number 9954497119 of T C Deka.

On or before 7/8/21.

Give the name, GU RollNo and Registration number in the assignment.