

**B.Sc. DEGREE EXAMINATION, ODD SEMESTER 2020**  
**II Year III Semester**  
**Allied Chemistry-I**

**Max.marks :25**

Answer any **FIVE** questions ( $5 \times 5 = 25$ ) Marks

1. Explain the structure of  $\text{IF}_5$  and  $\text{IF}_7$ .
2. Discuss the various types of ores in reduction method.
3. Distinguish between intensive and extensive properties.
4. Explain various statements of second law of thermodynamics.
5. Write a note on principle and application of paper chromatography.
6. Write a note on optical isomerism of lactic acid.
7. Discuss the hybridization and geometry of  $\text{C}_2\text{H}_4$  molecule.