

B.Sc. DEGREE EXAMINATION, ODD SEMESTER 2020
II Year III Semester
General Chemistry- V

Max.marks :25

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

1. Distinguish between primary, secondary and tertiary alcohols by Victor Meyer test.
2. Discuss the mechanism of Reimer-Tiemann reaction.
3. Write various statements of Second Law of thermodynamics.
4. Derive Gibbs's Helmholtz equation.
5. Explain the effect of temperature and pressure on chemical potential.
6. Describe the structure and uses of diborane.
7. Write short notes on
(i) Zone refining (ii) Van Arkel process.