

B.Sc DEGREE EXAMINATION, EVEN SEMESTER 2021
I Year I Semester
General Chemistry - I

Max.marks :25

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

1. Discuss briefly about hyperconjugation and its application
2. Distinguish between E_1 and E_2 reactions
3. Illustrate Fajans rule and factors influencing polarising power of an ion with suitable examples
4. Apply the concept of molecular orbital theory to explain bonding in NO molecule
5. Describe in detail the various types of weak molecular forces
6. Write about the fundamental principles of green chemistry
7. What are antidotes how they play important role in first aid