

B.Sc Degree Examinations - Even Semester 2021  
II Year IV Semester  
General Chemistry-VIII

Max Marks: 25

Answer any Five questions (5 \* 5 = 25)

1. What are interhalogen compounds how are they prepared?
2. How are clathrates prepared? Discuss about their properties and uses
3. Discuss the mechanism behind Wittig reaction and mention their synthetic use
4. Illustrate bioluminescence with suitable examples
5. a) Distinguish between precipitating and sequestering agents. Draw the structures of DMG, cupferron, Oxime metal complexed
6. State and explain the laws of Photochemistry
7. Explain about the position of noble gases in the modern periodic table