

Dr. SSB University Institute of Chemical Engineering & Technology
M.Sc. (Industrial Chemistry) 1st Semester
1st Periodical

Subject- Organic Synthesis

Time: 1 Hour

MM: 25

- Q1-What is anchimeric assistance? Explain with examples. 5
- Q2--Discuss the mechanism of electrophilic substitution reaction. How will you establish the intermediacy of arenium ion in the reaction. 6
- Q3-Explain why Both m-bromoanisole and o-bromoanisole yield the same m-aminoanisole on reaction with NaNH_2 and liquid NH_3 . Illustrate The mechanism for the formation of common product . 6
- Q4- Write short notes on- 8
- (i) Fries rearrangement
 - (ii) phase transfer catalyst