

Term Test 01  
Bioorganic Chemistry-II  
Course No: - BMB 123  
1<sup>st</sup> year 2<sup>nd</sup> semester  
Department of Biochemistry & Molecular Biology  
Shahjalal University of Science & Technology

1. Halogens are deactivating yet *ortho*, *para*-directing in their effect on electrophilic aromatic substitution. Explain why?
2. Write down the mechanism of Friedel Craft Alkylation.
3. Propose the product of following reaction and give reason in support of your choice.

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