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Paper Code :DSC-110

Roll No. 

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**B.Sc. (ZBC)-4, B.Sc. (PCM)-6**  
**1<sup>st</sup> Year Examination, Calendar Batch 2017**  
**Organic Chemistry**

*Time : 3 Hours ]*

*[ Max. Marks : 100*

*Note. Attempt any **Five** questions. All questions carry equal marks.*

- Q.1** How will you synthesise D.D.T. from chlorobenzene?
- Q.2** Describe the general method of preparation of aromatic ketones and their general properties.
- Q.3** How will you obtain benzene from benzaldehyde?
- Q.4** What do you mean by orientation? Discuss it in di and tri substituted products of benzene?
- Q.5** Describe important chemical reaction of chlorobenzene involving aromatic ring.
- Q.6** Define electrophiles and nucleophiles with suitable example?
- Q.7** How are alkynes prepared? Describe their important reactions.
- Q.8** What is bond theory define factors affecting bond energy?