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Paper Code :DSC-206

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**B.Sc.(ZBC)-13, B.Sc.(PCM)-14**  
**2<sup>nd</sup> Year Examination, Calendar Batch 2016**  
**Organic Chemistry**

Time : 3 Hours ]

[ Max. Marks : 100

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

- Q.1** What are sulpha drugs? Give the mechanism of their action.
- Q.2** Explain why alcohols have higher boiling points than alkanes of comparable molecular weights?
- Q.3** Give the important properties and uses of citric acid.
- Q.4** How are alcohols prepared? Describe their important reactions.
- Q.5** How do primary, secondary and tertiary alcohols differ in their behaviour towards oxidation?
- Q.6** Describe the general properties of carboxylic acids.
- Q.7** How will you obtain the following compounds from salicylic acid?  
(i) Asprin    (ii) Salol    (iii) Phenol    (iv) Benzoic Acid
- Q.8** What are Grignards reagents? How are they prepared?