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Paper Code :DSC-110
Roll No.

B.Sc.(PCM)-6, B.Sc.(ZBC)-4
1st Year Examination, Academic Batch 2017-18
Organic Chemistry

Time : 3 Hours]

[Max. Marks : 100

*Note. Attempt any **five** questions. Each questions carry equal marks.*

Q.1 What is bond theory define factors attesting bond energy?

Q.2 Explain optical isomerism and explain geometrical isomerism by taking the example of maleic acid and Fumaric acid?

Q.3 Define baeyor strain theory and their limitations write short note on difference between Aromatic hydrocarbons and aliphatic hydrocarbons?

Q.4 (a) Define Friedel-Craft reaction in briefly?

(b) What do you mean by orientation? Discuss it in di and tri substituted products of benzene?

Q.5 Write a detailed note on aromaticity.

Q.6 How will you synthesise D.D.T. from chlorobenzene?

Q.7 Give the preparation of acetophenone?

Q.8 How will you obtain benzene from benzaldehyde?