



NOVEMBER/DECEMBER 2018

MCH11 — ORGANIC CHEMISTRY - I

Time : Three hours

Maximum : 75 marks

SECTION A — (5 × 6 = 30 marks)

Answer ALL questions.

1. (a) Discuss the atropisomerism involved in biphenyl derivatives.

Or

- (b) Describe the stereochemistry of tartaric acid using Newmann and Sawharse projections.

2. (a) Discuss the effect of conformation on the reactivity of 4-t. - butylcyclohexyl bromide and Tosylates in substitution reactions.

Or

- (b) Outline the conformational analysis of 1,2- and 1,3- disubstituted cyclohexane.