1 | M- 72352

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Roll No. of Pages : 01 Total No. of Questions : 06		
M. Pharmacy (Sem2) ADVANCED ORGANIC CHEMISTRY-II Subject Code: PHCHM-132 M.Code: 72352		
Time: 3 Hrs. Max. Marks: 80		
INSTRUCTIONS TO CANDIDATES: 1. Attempt any FIVE questions out of SIX questions. 2. Each question carry SIXTEEN marks.		
1.	Write a short note on:	
	a. Aldol condensation	(5)
	b. Sigmatropic reactions	(6)
	c. Jablonski diagram	(5)
2.	Explain in detail various type of pericyclic reactions.	(16)
3.	Name the different reductive method for carbonyl commechanism of any two in detail with suitable examples.	npounds. Explain the detailed (16)
4.	What do you mean by protection and de protection of fu significance covering suitable examples.	inctional groups? Discuss their (16)
5.	Give the detail mechanism of:	
	a. Witting rearrangement	(6)
	b. Claisen rearrangement	(5)
	c. Homologization of aldehydes and ketones	(5)
6.	Give the IUPAC nomenclature for the four broad mech aromatic substitution and discuss in detail any two mechanisms.	
NOTE: Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.		