

Name. _____		Printed Pages:01		
Student Admn. No.: _____				
<b>School of Medical and Allied Sciences</b> <b>Summer Term Examination – July - August 2024</b> <b>[Programme: B Pharm ] [Semester: II ] [Batch: Summer 2023-24 ]</b>				
<b>Course Title: Pharmaceutical Organic Chemistry-I</b> <b>Course Code: BP202T/BPHT2002</b>		<b>Max Marks: 100</b> <b>Time: 3 Hrs.</b>		
<b>Instructions:</b>	1. All questions are compulsory. 2. Assume missing data suitably, if any.			
		K Level	COs	Marks
<b>SECTION-A (15 Marks)</b>		<b>5 Marks each</b>		
<b>1.</b>	Illustrate the term isomerisms.	K2	CO1	5
<b>2.</b>	Illustrate free radical addition reactions of conjugated dienes.	K2	CO2	5
<b>3.</b>	Demonstrate the uses of paraffins.	K2	CO2	5
<b>SECTION-B (40 Marks)</b>		<b>10 Marks each</b>		
<b>4.</b>	Explain the IUPAC rules for naming branched alkenes with examples.	K2	CO1	10
<b>5.</b>	Organize order of reactivity of alkyl halides .	K3	CO2	10
<b>6.</b>	Assume the structure and uses of ethyl alcohol and chlorobutanol.	K4	CO3	10
<b>7.</b>	Organize the major process in atmospheric organic chemistry.	K3	CO6	10
<b>SECTION-C (45 Marks)</b>		<b>15 Marks each</b>		
<b>8.</b>	Categorize SN1 and SN2 reactions. Explain factors affecting SN1 and SN2 reactions.	K4	CO3	15
<b>9.</b>	Conclude the mechanism and synthetic applications of Aldol condensation.	K5	CO4	15
<b>10</b>	Explain acidity of carboxylic acids and effect of substituents on acidity.	K5	CO5	15