

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