

Name. _____		Printed Pages:01		
Student Admn. No.: _____				
School of SMAS Semester End Examination (SEE), Summer Term, August 2023 [Programme: B. Pharmacy] [Semester: 2022-23 – Sem I & II, 2021-23 – Sem 3rd] (For UG Courses only) [Batch:]				
Course Title: Pharmaceutical Organic Chemistry-II Course Code: BPHT3001		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.	Compare Acid value and saponification value	K2	3	5
2.	Summarize Baeyer's strain theory.	K2	4	5
3.	Outline new analytical methods to determine diglycerides.	K2	6	5
SECTION-B (40 Marks)		10 Marks each		
4.	a. Explain the resonance of benzene. b. Explain Huckel's rule.	K2	1	10
5.	Identify the structure and uses of DDT, Saccharin, BHC, Friedel crafts acylation and Friedel crafts alkylation.	K3	1	10
6.	Organize the acidity of phenols.	K3	2	10
7.	Organize the structure and uses of cresols.	K3	2	10
SECTION-C (45 Marks)		15 Marks each		
8.	Classify fats and oils in detail.	K4	3	15
9.	Determine the Synthesis, reaction and medicinal uses of polynuclear hydrocarbons.	K5	4	15
10	Determine baeyer's strain theory in detail.	K5	5	15