

Name. _____		Printed Pages:01		
Student Admn. No.: _____				
School of Medical and Allied Sciences Back Paper Examination (SEE), June 2024 [Programme: B.Pharm]				
Course Title: BPHT8001		Max Marks: 100		
Course Code: BIOSTATISITCS AND RESEARCH METHODOLOGY		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 need for research in Research methodology and Biostatistics	K2	3	5
2.	Compare Blocking and confounding system for Two-level factorials design.	K2	4	5
3.	Demonstrate the 'recent advancements' in Research methodology and Biostatistics.	K2	6	5
SECTION-B (40 Marks)		10 Marks each		
4.	Outline the differences between of Mean and Mode.	K2	1	10
5.	Develop a note on standard deviation in Measures of dispersion	K3	1	10
6.	Identify the differences between Binomial distribution and Normal distribution	K3	2	10
7.	Organize a note on Poisson's distribution in Probability Or Build a note on Null hypothesis and alternative hypothesis.	K3	2	10
SECTION-C (45 Marks)		15 Marks each		
8.	Analyze about Wilcoxon Rank Sum Test and Mann-Whitney U test	K4	3	15
9.	Conclude about Statistical Analysis Using Excel and MINITAB	K5	4	15
10	Appraise Design and Analysis of experiments using 'Factorial Design'.	K5	5	15