

Name. _____		Printed Pages:01		
Student Admn. No.: _____				
School of Allied Health Sciences Summer Term Examination – July - August 2024 [Programme: BPT] [Semester: V] [Batch: 2018-22]				
Course Title: BIOMECHANICS I Course Code: BPTH3004		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.	Define Kinetics and Kinematics.	K1	1	5
2.	Explain the muscles of Vertebral Column.	K2	1	5
3.	Define Posture.	K2	5	5
SECTION-B (40 Marks)		10 Marks each		
4.	Explain the concave-convex rule with an example.	K2	1	10
5.	Demonstrate the structure and function of Vertebral Column.	K3	1	10
6.	Differentiate between Static and Dynamic Posture.	K4	2	10
7.	Explain the structural components of Wrist complex with its function.	K3	3	10
SECTION-C (45 Marks)		15 Marks each		
8.	Discuss the phases of Gait in detail.	K6	5	15
9.	Elaborate the kinetics and kinematics at knee joint	K6	4	15
10	Discuss the structural components of Shoulder complex with its function.	K4	3	15