Name								Printed Pages:01		
Stu	dent Admn	. No.:								
School of Allied Health Sciences										
Summer Term / Backlog Examination – July - August 2024										
[Programme: BPT] [Semester: II) [Batc								h:]		
Course Title: Basic principles of Biomechanics								Max Marks: 100		
Course Code: L1UB204T/L2UA204T/BHPT2004								Time: 3 Hrs.		
Instructions: 1. All questions are compulsory.										
2. Assume missing data suitably, if any.										
								K	COs	Marks
								Level	COs	Iviaiks
SECTION-A (15 Marks) 5 Marks each										
1.	1. What is Kinetics and Kinematics?									5
2. What is COM &LOG?									5	
3. Define faulty posture with example.										5
SECTION-B (40 Marks) 10 Marks each										
4.	Identify Creep and how it affects joint structure & function.									10
	Identify the five kinematic variables that fully describe the motion or the									10
	displacement of a segment.									
5. OR										
	Elaborate the role of the muscles of the vertebral column in maintaining posture and facilitating movement.									
6.	Classify Levers with the help of example.									10
7.	Explain the difference between Bucket handle and Pump Handle Motion.									10
SECTION-C (45 Marks) 15 Marks ea								ach		
_	Develop a		nding on osteokinem		throkinematics	with suita	able			15
8.	examples.								15	
9.	Identify Concave-Convex rule. Explain the rule on Shoulder Joint.									15
10			formation Curve and	d Also Explai	n the Closed C	hain & O	pen			15
	chain kine	ematics wit	h example							